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SEVERN TRENT STL

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ANALYTICAL REPORT

PROJECT NO. 100.58.19

EMD/NORWOOD, OH
SDG #: 4F12158

Angela Hurley

The Payne Firm, Inc.
11231 Cornell Park Drive
Cincinnati, OH 45242

SEVERN TRENT LABORATORIES, INC.

Roger K. Toth
Project Manager

July 27, 2004

SEVERN TRENT STL

CASE NARRATIVE

CASE NARRATIVE

SDG 4F12158

The following report contains the analytical results for twenty-one solid samples and two quality control samples submitted to STL North Canton by The Payne Firm, Inc. from the EMD/Norwood, OH Site, project number 100.58.19. The samples were received June 12, 2004 and June 15, 2004, according to documented sample acceptance procedures.

This SDG consists of two (2) laboratory ID's: A4F120158 and A4F150251.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Angela Hurley on July 06, 2004, on July 07, 2004, and July 08, 2004. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the coolers upon sample receipt was 3.9 and 8.5°C.

See STL's Cooler Receipt Form for additional information.

CASE NARRATIVE (continued)

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for batch(es) 4174292, 4175141 and 4175226 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The client specific or regulatory program requirements state that corrective action must be performed for surrogate recoveries outside criteria. The re-preparation and reanalysis also had surrogate recoveries outside criteria confirming probable matrix interference; therefore, the original data is contained in the report for samples VE528/54-55/061104, VE527/07.3-08.5/061404, VE527/26-27/061404.

The internal standard areas were outside acceptance limits for samples VE528/34-35/061104, VE528/54-55/061104, VE528/56.7-57.4/061104, VE528/58-58.5/061104, VE528/66.5-67.5/061104, VE527/07.3-08.5/061404, VE527/12.5-13.5/061404, VE527/47-48/061404 and VE527/56.5-57.5/061404 due to matrix effects.

GENERAL CHEMISTRY

Samples VE528/23.5-24.5/061104, VE526/46-47/061104, VE528/55.5-56.5/061104, VE527/06-07.3/061404, VE527/26-27-061404, and VE27/43.5-44.5/061404 were subcontracted to STL Denver for TOC analyses. There were reportable levels of TOC in the method blank associated with the samples. The samples were analyzed and reported outside of the recommended holding times at the STL North Canton laboratory with acceptable QC.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals
Methylene chloride	Phthalate Esters	Copper
Acetone		Iron
2-Butanone		Zinc
		Lead*

- *for analyses run on TJA Trace ICP, ICPMS or GFAA only*

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

STL North Canton Certifications and Approvals:

Alabama (#41170), California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#100439), Kansas (#E10336), Massachusetts (#M-OH048), Maryland (#272), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Ohio (#6090), OhioVAP (#CL0024), Rhode Island (#237), South Carolina (#92007001, #92007002, #92007003), Tennessee (#02903), Utah (#QUAN9), Virginia (#00011), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit, ACIL Seal of Excellence – Participating Lab Status Award (#82)

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SEVERN TRENT STL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

4F12158 : A4F120158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
VE528/23.5-24.5/061104 06/11/04 11:25 001				
Total Organic Carbon	13 J	12	mg/kg	SW846 9060
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD
VE528/34-35/061104 06/11/04 11:45 002				
Percent Solids	86.1	10.0	%	MCAWW 160.3 MOD
VE528/44-45/061104 06/11/04 12:10 003				
Methylene chloride	2.3 J,B	4.8	ug/kg	SW846 8260B
Percent Solids	85.9	10.0	%	MCAWW 160.3 MOD
VE528/46-47/061104 06/11/04 12:10 004				
Total Organic Carbon	11 B,J	12	mg/kg	SW846 9060
Percent Solids	86.1	10.0	%	MCAWW 160.3 MOD
VE528/54-55/061104 06/11/04 12:45 005				
Acetone	8.8 J	20	ug/kg	SW846 8260B
2-Butanone (MEK)	1.5 J	20	ug/kg	SW846 8260B
Carbon disulfide	1.6 J	5.1	ug/kg	SW846 8260B
Toluene	0.70 J	5.1	ug/kg	SW846 8260B
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD
VE528/55.5-56.5/061104 06/11/04 12:45 006				
Total Organic Carbon	20 J	11	mg/kg	SW846 9060
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
VE528/56.7-57.4/061104 06/11/04 12:55 007				
Acetone	12 J	25	ug/kg	SW846 8260B
Benzene	0.59 J	6.3	ug/kg	SW846 8260B
2-Butanone (MEK)	3.8 J	25	ug/kg	SW846 8260B
Carbon disulfide	2.0 J	6.3	ug/kg	SW846 8260B
Toluene	1.1 J	6.3	ug/kg	SW846 8260B
Percent Solids	98.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

4F12158 : A4F120158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
VE528/58-58.5/061104 06/11/04 14:20 008				
Methylene chloride	5.5 J,B	6.1	ug/kg	SW846 8260B
Percent Solids	81.8	10.0	%	MCAWW 160.3 MOD
VE528/64-65/061104 06/11/04 14:30 009				
Acetone	6.0 J	20	ug/kg	SW846 8260B
Methylene chloride	2.7 J,B	5.0	ug/kg	SW846 8260B
Percent Solids	82.7	10.0	%	MCAWW 160.3 MOD
VE528/66.5-67.5/061104 06/11/04 14:35 010				
Acetone	8.6 J	25	ug/kg	SW846 8260B
Benzene	0.46 J	6.3	ug/kg	SW846 8260B
Carbon disulfide	2.5 J	6.3	ug/kg	SW846 8260B
Methylene chloride	6.6 B	6.3	ug/kg	SW846 8260B
Toluene	1.2 J	6.3	ug/kg	SW846 8260B
Percent Solids	97.3	10.0	%	MCAWW 160.3 MOD
TB-01/061104 06/11/04 011				
Acetone	1.3 J,B	10	ug/L	SW846 8260B
Benzene	1.4 B	1.0	ug/L	SW846 8260B
2-Butanone	0.62 J	10	ug/L	SW846 8260B
Toluene	0.28 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

4F12158 : A4F150251

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
VE527/02.1-02.7/061404 06/14/04 10:15 001				
Benzene	870	330	ug/kg	SW846 8260B
1,1-Dichloroethane	93 J	330	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	170 J	330	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	84 J	330	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	260 J	670	ug/kg	SW846 8260B
Methylene chloride	350	330	ug/kg	SW846 8260B
Percent Solids	78.1	10.0	%	MCAWW 160.3 MOD
VE527/06-07.3/061404 06/14/04 10:20 002				
Total Organic Carbon	20 J	12	mg/kg	SW846 9060
Percent Solids	81.2	10.0	%	MCAWW 160.3 MOD
VE527/07.3-08.5/061404 06/14/04 10:30 003				
Acetone	7.4 J	25	ug/kg	SW846 8260B
1,4-Dioxane	300 J	310	ug/kg	SW846 8260B
Methylene chloride	3.8 J,B	6.3	ug/kg	SW846 8260B
Percent Solids	82.6	10.0	%	MCAWW 160.3 MOD
VE527/12.5-13.5/061404 06/14/04 11:00 004				
Acetone	22	21	ug/kg	SW846 8260B
Acetonitrile	8.9 J	100	ug/kg	SW846 8260B
Methylene chloride	4.6 J,B	5.2	ug/kg	SW846 8260B
Percent Solids	79.4	10.0	%	MCAWW 160.3 MOD
VE527/26-27/061404 06/14/04 11:30 005				
Total Organic Carbon	21 J	12	mg/kg	SW846 9060
Percent Solids	83.7	10.0	%	MCAWW 160.3 MOD
VE527/27-28/061404 06/14/04 11:40 006				
Methylene chloride	2.5 J,B	5.0	ug/kg	SW846 8260B
Percent Solids	83.3	10.0	%	MCAWW 160.3 MOD
VE527/37-38/061404 06/14/04 11:45 007				
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

4F12158 : A4F150251

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
VE527/47-48/061404 06/14/04 12:00 008				
Acetone	10 J	17	ug/kg	SW846 8260B
Percent Solids	89.1	10.0	%	MCAWW 160.3 MOD
VE527/53.5-54.5/061404 06/14/04 12:40 009				
Acetone	6.2 J	19	ug/kg	SW846 8260B
Percent Solids	90.9	10.0	%	MCAWW 160.3 MOD
VE527/43.5-44.5/061404 06/14/04 12:45 010				
Total Organic Carbon	13 J	11	mg/kg	SW846 9060
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD
VE527/56.5-57.5/061404 06/14/04 13:00 011				
Acetone	33	18	ug/kg	SW846 8260B
Percent Solids	84.4	10.0	%	MCAWW 160.3 MOD
TRIP BLANK/061404 06/14/04 012				
Acetone	1.1 J	10	ug/L	SW846 8260B
Toluene	0.18 J	1.0	ug/L	SW846 8260B

SEVERN TRENT STL

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

4F12158

PARAMETER	ANALYTICAL METHOD
Total Organic Carbon	SW846 9060
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SEVERN TRENT STL

SAMPLE SUMMARY

SAMPLE SUMMARY

4F12158 : A4F120158

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GH7MN	001	VE528/23.5-24.5/061104	06/11/04	11:25
GH7MQ	002	VE528/34-35/061104	06/11/04	11:45
GH7MV	003	VE528/44-45/061104	06/11/04	12:10
GH7M0	004	VE528/46-47/061104	06/11/04	12:10
GH7M5	005	VE528/54-55/061104	06/11/04	12:45
GH7M8	006	VE528/55.5-56.5/061104	06/11/04	12:45
GH7M9	007	VE528/56.7-57.4/061104	06/11/04	12:55
GH7NC	008	VE528/58-58.5/061104	06/11/04	14:20
GH7NE	009	VE528/64-65/061104	06/11/04	14:30
GH7NF	010	VE528/66.5-67.5/061104	06/11/04	14:35
GH7NG	011	TB-01/061104	06/11/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

4F12158 : A4F150251

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GJA8Q	001	VE527/02.1-02.7/061404	06/14/04	10:15
GJCAE	002	VE527/06-07.3/061404	06/14/04	10:20
GJCAR	003	VE527/07.3-08.5/061404	06/14/04	10:30
GJCA5	004	VE527/12.5-13.5/061404	06/14/04	11:00
GJCA8	005	VE527/26-27/061404	06/14/04	11:30
GJCCD	006	VE527/27-28/061404	06/14/04	11:40
GJCCK	007	VE527/37-38/061404	06/14/04	11:45
GJCCN	008	VE527/47-48/061404	06/14/04	12:00
GJCCP	009	VE527/53.5-54.5/061404	06/14/04	12:40
GJCCV	010	VE527/43.5-44.5/061404	06/14/04	12:45
GJCCX	011	VE527/56.5-57.5/061404	06/14/04	13:00
GJCC6	012	TRIP BLANK/061404	06/14/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SEVERN TRENT STL

SHIPPING AND RECEIVING DOCUMENTS

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

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TL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
The Payne Firm, Inc.	Dan Weed / Results to Angela Hurley	6/11/04	158423
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 2 of 2
11231 Cornell Park Drive	513-489-2255 / 513-489-2533		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Cincinnati / OH / 45242	ACH	Scott R.	
Project Name and Location (State)	**Carrier/Waybill Number**		
EMD / Norwood (OH)	1096-3133-7		
Contract/Purchase Order/Quote No.			
100.58.19			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	#	VOC *	TOC	Special Instructions/ Conditions of Receipt
ES28/58-58.5/061104	6/11/04	1420				X	X						4	X		* Appendix IX 8260B
ES28/64-65/061104	6/11/04	1430				X	X						4	X		
ES28/66.5-67.5/061104	6/11/04	1435				X	X						4	X		
TB-01/061104	6/11/04	/		X						X			2	X		

Analysis (Attach list if more space is needed)

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

Level 4

	Date	Time		Date	Time
1. Relinquished By	6/11/04	1450	1. Received By Natalie Buhler	6/12/04	9:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL North Canton

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

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TL-4124 (0901)

Client: The Payne Firm Inc.	Project Manager: Don Weed / Results to Angela Hurley	Date: 6/14/04	Chain of Custody Number: 158422
Address: 11231 Cornell Park Dr.	Telephone Number (Area Code)/Fax Number: 513.489.2255 / 513.489.2533	Lab Number:	Page 1 of 1
City: Cincinnati / State: OH / Zip Code: 45242	Site Contact: ALH	Lab Contact: R. Toth	
Project Name and Location (State): EMD / Norwood, Ohio	Carrier/Waybill Number: 843240721803		
Contract/Purchase Order/Quote No.: 100.58.19			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	#	VOC-8260B*	TOC-9060	Special Instructions/ Conditions of Receipt
E527/02.1-02.7/061404	6/14/04	1015				X	X						4	X		*Appendix IV
E527/06-07.3/061404	6/14/04	1020				X	X						2		X	
E527/07.3-08.5/061404	6/14/04	1030				X	X						4	X		
E527/12.5-13.5/061404	6/14/04	1100				X	X						4	X		
E527/26-27/061404	6/14/04	1130				X	X						1		X	
E527/27-28/061404	6/14/04	1140				X	X						4	X		
E527/37-38/061404	6/14/04	1145				X	X						4	X		
E527/47-48/061404	6/14/04	1200				X	X						4	X		
E527/53.5-54.5/061404	6/14/04	1240				X	X						4	X		
E527/43.5-44.5/061404	6/14/04	1245				X	X						1		X	
E527/56.5-57.5/061404	6/14/04	1300				X	X						4	X		
TRIP BLANK/061404	6/14/04	—		X						X			2	X		

Analysis (Attach list if more space is needed)

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify): Level IV

1. Relinquished By: Angela Hurley	Date: 6/14/04	Time: 1630	1. Received By:	Date: 6/15/04	Time: 0955
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL North Canton

RSR280

Severn Trent Laboratories, Inc.
Sample Control Record

Client: 5670

Lot #: A4F120158

Case Number/SDG: 100.58.19

Storage Location: MS/W125/W125 MS

Laboratory Sample I.D.	Transferred By	Date	Entered	Removed	Reason	Date Returned
GH7MN	BUCKLEWN	6/12/04	Yes		Storage	
GH7MQ	BUCKLEWN	6/12/04	Yes		Storage	
GH7MV	BUCKLEWN	6/12/04	Yes		Storage	
GH7M0	BUCKLEWN	6/12/04	Yes		Storage	
GH7M5	BUCKLEWN	6/12/04	Yes		Storage	
GH7M8	BUCKLEWN	6/12/04	Yes		Storage	
GH7M9	BUCKLEWN	6/12/04	Yes		Storage	
GH7NC	BUCKLEWN	6/12/04	Yes		Storage	
GH7NE	BUCKLEWN	6/12/04	Yes		Storage	
GH7NF	BUCKLEWN	6/12/04	Yes		Storage	
GH7NG	BUCKLEWN	6/12/04	Yes		Storage	

RSR280

Severn Trent Laboratories, Inc.
Sample Control Record

Client: 5670

Lot #: A4F150251

Case Number/SDG: 100.58.19

Storage Location: MS/W145/W145 MS

Laboratory Sample I.D.	Transferred By	Date	Entered	Removed	Reason	Date Returned
GJA8Q	BUCKLEWN	6/15/04	Yes		Storage	
GJCAE	BUCKLEWN	6/15/04	Yes		Storage	
GJCAR	BUCKLEWN	6/15/04	Yes		Storage	
GJCA5	BUCKLEWN	6/15/04	Yes		Storage	
GJCA8	BUCKLEWN	6/15/04	Yes		Storage	
GJCCD	BUCKLEWN	6/15/04	Yes		Storage	
GJCCK	BUCKLEWN	6/15/04	Yes		Storage	
GJCCN	BUCKLEWN	6/15/04	Yes		Storage	
GJCCP	BUCKLEWN	6/15/04	Yes		Storage	
GJCCV	BUCKLEWN	6/15/04	Yes		Storage	
GJCCX	BUCKLEWN	6/15/04	Yes		Storage	
GJCC6	BUCKLEWN	6/15/04	Yes		Storage	

STL Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: A4F120158

Client: The Payne Firm Project: EMD/Norwood Quote#: 58199
Cooler Received on: 6-12-04 Opened on: 6-12-04 by: Natalie J Bull (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other: _____
STL Cooler No# H155 Foam Box ☐ Client Cooler ☐ Other ____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity —
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other: _____
6. Cooler temperature upon receipt 3.9 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☐
Concerning: _____

√

1. CHAIN OF CUSTODY

√ The following discrepancies occurred:
- COC includes slashes & sample date as part of ID; labels do not all include these; will log per COC.
- COC = VE528/22-23/061104; label on Enc & lid of 1X60 = EV528 22-23; will log per COC ~~& lab~~; label on COC matches COC. -cont on Back-

NA this lot

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #122603-HNO3; Sulfuric Acid Lot # 011-504-H2SO4; Sodium Hydroxide Lot # 111401-NaOH; Hydrochloric Acid Lot # 100902-HCl; Sodium Hydroxide and Zinc Acetate Lot # 112801-CH3COO2ZN/NaOH*
Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

SOP: NC-SC-0005, Sample Receiving
N:\QAQC\NARRATIV\STL\Cooler Receipt STL\COOLER_STL_Rev39 061104.doc

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

- COC = TB-01/061104; labels on 2x40 = TB-1; will log per COC.

STL Cooler Receipt Form/Narrative **Lot Number:** A4E150251

North Canton Facility

Client: Payne Firm Project: EMD/Norwex Quote#:

Cooler Received on: 6/15/04 Opened on: 6/15/04 by: (Signature)

Fedx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ Other:

STL Cooler No# A125 Foam Box ☐ Client Cooler ☐ Other

1. Were custody seals on the outside of the cooler? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☑
2. Shipper's packing slip attached to this form? Yes ☑ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other :
6. Cooler temperature upon receipt 5.3 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☑ ICE/$H_2$0 Slurry ☐

COOLANT: Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ Water ☑ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH? (record below/on back) Yes ☐ No ☐ NA ☑
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐

Contacted PM RKT Date: 6-15-04 by: MJB via Voice Mail ☒ Verbal ☐ Other ☐

Concerning: PMP

√	

1. CHAIN OF CUSTODY

The following discrepancies occurred:

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #122603-HNO3; Sulfuric Acid Lot # 011-504-H2SO4; Sodium Hydroxide Lot # 111401-NaOH; Hydrochloric Acid Lot # 100902-HCl; Sodium Hydroxide and Zinc Acetate Lot # 112801-CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

SEVERN TRENT STL

GCMS VOLATILE DATA

SEVERN TRENT STL

QC SUMMARY DATA

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F120158

Extraction: XXA15MZ01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	80	81	84	68	00
02	METHOD BLK. GJV3L1AA	85	86	89	77	00
03	LCS GJV3L1AC	88	86	96	86	00
04	LAB MS/MSD D	77	79	83	73	00
05	LCSD GJV3L1AD	84	83	88	83	00
06	LAB MS/MSD S	78	77	85	72	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F120158

Extraction: XXA15QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	METHOD BLK. GJTJG1AA	103	91	99	92	00
02	LCS GJTJG1AC	101	87	105	109	00
03	LCSD GJTJG1AD	99	86	104	106	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F120158

Extraction: XXA4PQK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	101	98	99	83	00
02	VE528/34-35/061104	84	86	103	52	00
03	VE528/44-45/061104	111	109	103	88	00
04	VE528/54-55/061104	89	89	123	43 *	01
05	VE528/56.7-57.4/061104	84	84	106	51	00
06	VE528/58-58.5/061104	107	90	115	62	00
07	VE528/64-65/061104	110	104	102	83	00
08	VE528/66.5-67.5/061104	114	112	114	74	00
09	METHOD BLK. GJPAT1AA	105	104	104	96	00
10	LCS GJPAT1AC	101	99	105	108	00
11	LAB MS/MSD D	101	101	108	104	00
12	LCSD GJPAT1AD	102	100	107	110	00
13	LAB MS/MSD S	99	94	108	103	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F120158

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	TB-01/061104	98	98	86	84	00
02	INTRA-LAB QC	96	94	87	80	00
03	METHOD BLK. GJR331AA	90	97	86	82	00
04	LCS GJR331AC	99	104	91	83	00
05	LAB MS/MSD D	94	93	88	84	00
06	LCSD GJR331AD	98	101	90	85	00
07	LAB MS/MSD S	95	96	89	85	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F150251

Extraction: XXA15MZ01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	73	77	78	66	00
02	METHOD BLK. GJ3251AA	81	80	84	73	00
03	LCS GJ3251AC	79	81	86	80	00
04	LAB MS/MSD D	78	89	85	77	00
05	LCSD GJ3251AD	76	80	81	71	00
06	LAB MS/MSD S	73	79	77	71	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F150251

Extraction: XXA4BQK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	VE527/02.1-02.7/061404	70	59 *	59 *	55	02
02	METHOD BLK. GJPF81AA	88	84	101	96	00
03	LCS GJPF81AC	83	89	86	92	00
04	LCSD GJPF81AD	80	84	82	88	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F150251

Extraction: XXA4PQK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	VE527/07.3-08.5/061404	115	99	116	35 *	01
02	VE527/12.5-13.5/061404	127	106	122	39 *	01
03	VE527/27-28/061404	95	80	94	75	00
04	VE527/37-38/061404	72	80	76	63	00
05	VE527/47-48/061404	82	82	102	53	00
06	VE527/53.5-54.5/061404	74	80	84	66	00
07	VE527/56.5-57.5/061404	75	81	96	49	00
08	METHOD BLK. GJ1911AA	98	81	93	84	00
09	METHOD BLK. GJ5XJ1AA	104	90	97	88	00
10	LCS GJ1911AC	97	82	100	103	00
11	LCS GJ5XJ1AC	98	84	102	106	00
12	LCSD GJ1911AD	95	81	101	101	00
13	LCSD GJ5XJ1AD	97	82	101	105	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(59-138)
SRG02	= 1,2-Dichloroethane-d4	(61-130)
SRG03	= Toluene-d8	(60-143)
SRG04	= 4-Bromofluorobenzene	(47-158)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F150251

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	101	109	100	97	00
02	TRIP BLANK/061404	100	115	99	89	00
03	METHOD BLK. GJQ0J1AA	102	111	98	86	00
04	LCS GJQ0J1AC	92	106	102	104	00
05	LAB MS/MSD D	94	101	106	105	00
06	LCSD GJQ0J1AD	91	109	103	104	00
07	LAB MS/MSD S	96	105	104	104	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F220000 WO #: GJQ0J1AC
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	9.8	98	48- 123	
Bromomethane	10	8.7	87	64- 129	
Vinyl chloride	10	8.8	88	61- 120	
Chloroethane	10	8.7	87	66- 126	
Methylene chloride	10	10	102	78- 118	
Acetone	10	7.1	71	22- 200	
Carbon disulfide	10	11	108	73- 139	
1,1-Dichloroethene	10	11	109	63- 130	
1,1-Dichloroethane	10	11	110	86- 123	
1,2-Dichloroethene (total	20	20	101	82- 116	
Chloroform	10	11	108	84- 128	
1,2-Dichloroethane	10	12	118	79- 136	
2-Butanone	10	8.2	82	28- 237	
1,1,1-Trichloroethane	10	11	110	78- 140	
Carbon tetrachloride	10	11	114	75- 149	
Bromodichloromethane	10	11	113	87- 130	
1,2-Dichloropropane	10	11	109	82- 115	
cis-1,3-Dichloropropene	10	11	109	84- 130	
Trichloroethene	10	9.4	94	75- 122	
Dibromochloromethane	10	11	109	81- 138	
1,1,2-Trichloroethane	10	11	107	83- 122	
Benzene	10	10	104	80- 116	
trans-1,3-Dichloropropene	10	12	118	84- 130	
Bromoform	10	9.8	98	76- 150	
4-Methyl-2-pentanone	10	11	110	78- 141	
2-Hexanone	10	9.3	93	35- 200	
Tetrachloroethene	10	9.1	91	88- 113	
1,1,2,2-Tetrachloroethane	10	13	135*	85- 118	a
Toluene	10	11	115	74- 119	
Chlorobenzene	10	10	105	76- 117	
Ethylbenzene	10	11	112	86- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F220000 WO #: GJQ0J1AC
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	12	115	85- 117	
Xylenes (total)	30	34	114	87- 116	
cis-1,2-Dichloroethene	10	9.9	99	85- 113	
trans-1,2-Dichloroethene	10	10	103	79- 120	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F220000 WO #: GJQ0J1AD
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	9.5	95	48 - 123	
Bromomethane	10	8.6	86	64 - 129	
Vinyl chloride	10	8.7	87	61 - 120	
Chloroethane	10	8.9	89	66 - 126	
Methylene chloride	10	10	100	78 - 118	
Acetone	10	6.4	64	22 - 200	
Carbon disulfide	10	11	107	73 - 139	
1,1-Dichloroethene	10	11	108	63 - 130	
1,1-Dichloroethane	10	11	111	86 - 123	
1,2-Dichloroethene (total	20	20	98	82 - 116	
Chloroform	10	11	106	84 - 128	
1,2-Dichloroethane	10	12	116	79 - 136	
2-Butanone	10	8.1	81	28 - 237	
1,1,1-Trichloroethane	10	11	107	78 - 140	
Carbon tetrachloride	10	11	110	75 - 149	
Bromodichloromethane	10	11	106	87 - 130	
1,2-Dichloropropane	10	11	106	82 - 115	
cis-1,3-Dichloropropene	10	11	105	84 - 130	
Trichloroethene	10	9.2	92	75 - 122	
Dibromochloromethane	10	11	107	81 - 138	
1,1,2-Trichloroethane	10	11	105	83 - 122	
Benzene	10	10	102	80 - 116	
trans-1,3-Dichloropropene	10	12	120	84 - 130	
Bromoform	10	9.6	96	76 - 150	
4-Methyl-2-pentanone	10	11	106	78 - 141	
2-Hexanone	10	9.3	93	35 - 200	
Tetrachloroethene	10	9.4	94	88 - 113	
1,1,2,2-Tetrachloroethane	10	13	132*	85 - 118	a
Toluene	10	11	112	74 - 119	
Chlorobenzene	10	10	104	76 - 117	
Ethylbenzene	10	11	109	86 - 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F220000 WO #: GJQ0J1AD
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	11	115	85- 117	
Xylenes (total)	30	34	112	87- 116	
cis-1,2-Dichloroethene	10	9.6	96	85- 113	
trans-1,2-Dichloroethene	10	10	101	79- 120	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPF81AC
BATCH: 4173463

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	1000	150	15	15- 136	
Bromomethane	1000	310	31	24- 152	
Vinyl chloride	1000	260	26	24- 152	
Chloroethane	1000	360	36	31- 144	
Methylene chloride	1000	780	78	58- 130	
Acetone	1000	950	95	58- 130	
Carbon disulfide	1000	510	51	50- 137	
1,1-Dichloroethene	1000	650	65	55- 142	
1,1-Dichloroethane	1000	900	90	77- 119	
1,2-Dichloroethene (total	2000	1800	89	73- 115	
Chloroform	1000	930	93	73- 115	
1,2-Dichloroethane	1000	950	95	78- 121	
2-Butanone (MEK)	1000	820	82	27- 200	
1,1,1-Trichloroethane	1000	900	90	67- 123	
Carbon tetrachloride	1000	880	88	57- 137	
Bromodichloromethane	1000	940	94	72- 125	
1,2-Dichloropropane	1000	950	95	78- 116	
cis-1,3-Dichloropropene	1000	930	93	71- 125	
Trichloroethene	1000	950	95	70- 131	
Dibromochloromethane	1000	870	87	49- 135	
1,1,2-Trichloroethane	1000	920	92	82- 116	
Benzene	1000	920	92	75- 129	
trans-1,3-Dichloropropene	1000	850	85	67- 125	
Bromoform	1000	870	87	43- 149	
4-Methyl-2-pentanone (MIB	1000	1000	102	68- 142	
2-Hexanone	1000	860	86	29- 200	
Tetrachloroethene	1000	900	90	72- 120	
1,1,2,2-Tetrachloroethane	1000	990	99	70- 133	
Toluene	1000	900	90	71- 130	
Chlorobenzene	1000	970	97	75- 127	
Ethylbenzene	1000	1000	100	79- 114	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPF81AC
BATCH: 4173463

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	1000	1000	101	80 - 114	
Xylenes (total)	3000	3000	101	80 - 114	
cis-1,2-Dichloroethene	1000	920	92	77 - 114	
trans-1,2-Dichloroethene	1000	850	85	68 - 117	
n-Hexane	1000	830	83	57 - 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPF81AD
BATCH: 4173463

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	1000	140	14*	15- 136	a
Bromomethane	1000	330	33	24- 152	
Vinyl chloride	1000	260	26	24- 152	
Chloroethane	1000	350	35	31- 144	
Methylene chloride	1000	750	75	58- 130	
Acetone	1000	870	87	58- 130	
Carbon disulfide	1000	500	50	50- 137	
1,1-Dichloroethene	1000	640	64	55- 142	
1,1-Dichloroethane	1000	880	88	77- 119	
1,2-Dichloroethene (total	2000	1700	86	73- 115	
Chloroform	1000	940	94	73- 115	
1,2-Dichloroethane	1000	930	93	78- 121	
2-Butanone (MEK)	1000	770	77	27- 200	
1,1,1-Trichloroethane	1000	890	89	67- 123	
Carbon tetrachloride	1000	870	87	57- 137	
Bromodichloromethane	1000	930	93	72- 125	
1,2-Dichloropropane	1000	940	94	78- 116	
cis-1,3-Dichloropropene	1000	900	90	71- 125	
Trichloroethene	1000	900	90	70- 131	
Dibromochloromethane	1000	860	86	49- 135	
1,1,2-Trichloroethane	1000	920	92	82- 116	
Benzene	1000	900	90	75- 129	
trans-1,3-Dichloropropene	1000	850	85	67- 125	
Bromoform	1000	850	85	43- 149	
4-Methyl-2-pentanone (MIB	1000	930	93	68- 142	
2-Hexanone	1000	790	79	29- 200	
Tetrachloroethene	1000	940	94	72- 120	
1,1,2,2-Tetrachloroethane	1000	920	92	70- 133	
Toluene	1000	910	91	71- 130	
Chlorobenzene	1000	980	98	75- 127	
Ethylbenzene	1000	1000	101	79- 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPF81AD
BATCH: 4173463

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	1000	1000	100	80 - 114	
Xylenes (total)	3000	3000	101	80 - 114	
cis-1,2-Dichloroethene	1000	900	90	77 - 114	
trans-1,2-Dichloroethene	1000	830	83	68 - 117	
n-Hexane	1000	830	83	57 - 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJV3L1AC
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	50	101	15 - 136	
Bromomethane	50	48	96	24 - 152	
Vinyl chloride	50	49	98	24 - 152	
Chloroethane	50	41	83	31 - 144	
Methylene chloride	50	50	100	58 - 130	
Acetone	50	31	62	58 - 130	
Carbon disulfide	50	50	100	50 - 137	
1,1-Dichloroethene	50	51	102	55 - 142	
1,1-Dichloroethane	50	49	98	77 - 119	
1,2-Dichloroethene (total	100	96	96	73 - 115	
Chloroform	50	50	101	73 - 115	
1,2-Dichloroethane	50	50	100	78 - 121	
2-Butanone (MEK)	50	37	73	27 - 200	
1,1,1-Trichloroethane	50	51	102	67 - 123	
Carbon tetrachloride	50	53	106	57 - 137	
Bromodichloromethane	50	50	101	72 - 125	
1,2-Dichloropropane	50	48	95	78 - 116	
cis-1,3-Dichloropropene	50	49	97	71 - 125	
Trichloroethene	50	47	94	70 - 131	
Dibromochloromethane	50	50	99	49 - 135	
1,1,2-Trichloroethane	50	47	93	82 - 116	
Benzene	50	48	96	75 - 129	
trans-1,3-Dichloropropene	50	51	101	67 - 125	
Bromoform	50	50	101	43 - 149	
4-Methyl-2-pentanone (MIB	50	44	88	68 - 142	
2-Hexanone	50	37	73	29 - 200	
Tetrachloroethene	50	47	95	72 - 120	
1,1,2,2-Tetrachloroethane	50	49	99	70 - 133	
Toluene	50	48	97	71 - 130	
Chlorobenzene	50	46	92	75 - 127	
Ethylbenzene	50	50	99	79 - 114	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJV3L1AC
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	48	97	80 - 114	
Xylenes (total)	150	150	97	80 - 114	
cis-1,2-Dichloroethene	50	48	95	77 - 114	
trans-1,2-Dichloroethene	50	49	98	68 - 117	
n-Hexane	50	55	110	57 - 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJV3L1AD
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	49	98	15 - 136	
Bromomethane	50	47	93	24 - 152	
Vinyl chloride	50	48	96	24 - 152	
Chloroethane	50	41	81	31 - 144	
Methylene chloride	50	49	97	58 - 130	
Acetone	50	30	60	58 - 130	
Carbon disulfide	50	49	98	50 - 137	
1,1-Dichloroethene	50	49	98	55 - 142	
1,1-Dichloroethane	50	48	95	77 - 119	
1,2-Dichloroethene (total	100	95	95	73 - 115	
Chloroform	50	49	97	73 - 115	
1,2-Dichloroethane	50	51	102	78 - 121	
2-Butanone (MEK)	50	35	71	27 - 200	
1,1,1-Trichloroethane	50	50	101	67 - 123	
Carbon tetrachloride	50	51	102	57 - 137	
Bromodichloromethane	50	49	98	72 - 125	
1,2-Dichloropropane	50	45	90	78 - 116	
cis-1,3-Dichloropropene	50	47	94	71 - 125	
Trichloroethene	50	46	92	70 - 131	
Dibromochloromethane	50	49	98	49 - 135	
1,1,2-Trichloroethane	50	47	94	82 - 116	
Benzene	50	48	95	75 - 129	
trans-1,3-Dichloropropene	50	50	100	67 - 125	
Bromoform	50	50	99	43 - 149	
4-Methyl-2-pentanone (MIB	50	44	88	68 - 142	
2-Hexanone	50	37	74	29 - 200	
Tetrachloroethene	50	46	92	72 - 120	
1,1,2,2-Tetrachloroethane	50	49	98	70 - 133	
Toluene	50	48	95	71 - 130	
Chlorobenzene	50	46	93	75 - 127	
Ethylbenzene	50	47	94	79 - 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJV3L1AD
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	47	93	80 - 114	
Xylenes (total)	150	140	94	80 - 114	
cis-1,2-Dichloroethene	50	47	94	77 - 114	
trans-1,2-Dichloroethene	50	48	96	68 - 117	
n-Hexane	50	53	106	57 - 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ3251AC
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	45	90	15- 136	
Bromomethane	50	42	84	24- 152	
Vinyl chloride	50	44	88	24- 152	
Chloroethane	50	38	76	31- 144	
Methylene chloride	50	46	92	58- 130	
Acetone	50	32	64	58- 130	
Carbon disulfide	50	47	93	50- 137	
1,1-Dichloroethene	50	48	95	55- 142	
1,1-Dichloroethane	50	47	95	77- 119	
1,2-Dichloroethene (total	100	89	89	73- 115	
Chloroform	50	48	96	73- 115	
1,2-Dichloroethane	50	47	95	78- 121	
2-Butanone (MEK)	50	33	66	27- 200	
1,1,1-Trichloroethane	50	49	98	67- 123	
Carbon tetrachloride	50	50	99	57- 137	
Bromodichloromethane	50	47	95	72- 125	
1,2-Dichloropropane	50	45	89	78- 116	
cis-1,3-Dichloropropene	50	46	91	71- 125	
Trichloroethene	50	45	90	70- 131	
Dibromochloromethane	50	49	97	49- 135	
1,1,2-Trichloroethane	50	46	91	82- 116	
Benzene	50	46	92	75- 129	
trans-1,3-Dichloropropene	50	48	97	67- 125	
Bromoform	50	49	99	43- 149	
4-Methyl-2-pentanone (MIB	50	40	80	68- 142	
2-Hexanone	50	35	70	29- 200	
Tetrachloroethene	50	46	91	72- 120	
1,1,2,2-Tetrachloroethane	50	51	103	70- 133	
Toluene	50	48	97	71- 130	
Chlorobenzene	50	47	94	75- 127	
Ethylbenzene	50	48	97	79- 114	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ3251AC
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	48	96	80- 114	
Xylenes (total)	150	150	97	80- 114	
cis-1,2-Dichloroethene	50	44	88	77- 114	
trans-1,2-Dichloroethene	50	45	90	68- 117	
n-Hexane	50	51	101	57- 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ3251AD
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	45	90	15 - 136	
Bromomethane	50	44	87	24 - 152	
Vinyl chloride	50	44	89	24 - 152	
Chloroethane	50	39	78	31 - 144	
Methylene chloride	50	46	93	58 - 130	
Acetone	50	32	63	58 - 130	
Carbon disulfide	50	47	94	50 - 137	
1,1-Dichloroethene	50	48	97	55 - 142	
1,1-Dichloroethane	50	47	94	77 - 119	
1,2-Dichloroethene (total	100	93	93	73 - 115	
Chloroform	50	48	95	73 - 115	
1,2-Dichloroethane	50	48	96	78 - 121	
2-Butanone (MEK)	50	34	68	27 - 200	
1,1,1-Trichloroethane	50	50	101	67 - 123	
Carbon tetrachloride	50	49	99	57 - 137	
Bromodichloromethane	50	48	97	72 - 125	
1,2-Dichloropropane	50	45	90	78 - 116	
cis-1,3-Dichloropropene	50	46	91	71 - 125	
Trichloroethene	50	44	88	70 - 131	
Dibromochloromethane	50	48	95	49 - 135	
1,1,2-Trichloroethane	50	46	91	82 - 116	
Benzene	50	46	92	75 - 129	
trans-1,3-Dichloropropene	50	48	97	67 - 125	
Bromoform	50	48	96	43 - 149	
4-Methyl-2-pentanone (MIB	50	42	83	68 - 142	
2-Hexanone	50	36	73	29 - 200	
Tetrachloroethene	50	45	91	72 - 120	
1,1,2,2-Tetrachloroethane	50	51	102	70 - 133	
Toluene	50	49	97	71 - 130	
Chlorobenzene	50	46	91	75 - 127	
Ethylbenzene	50	47	95	79 - 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ3251AD
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	47	95	80- 114	
Xylenes (total)	150	140	93	80- 114	
cis-1,2-Dichloroethene	50	46	92	77- 114	
trans-1,2-Dichloroethene	50	47	93	68- 117	
n-Hexane	50	50	100	57- 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJR331AC
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Bromomethane	10	10	103	64 - 129	
Vinyl chloride	10	9.1	91	61 - 120	
Chloroethane	10	12	120	66 - 126	
Methylene chloride	10	10	101	78 - 118	
Chloromethane	10	12	122	48 - 123	
Acetone	10	6.1	61	22 - 200	
Carbon disulfide	10	11	106	73 - 139	
1,1-Dichloroethene	10	11	115	63 - 130	
1,1-Dichloroethane	10	10	102	86 - 123	
1,2-Dichloroethene (total	20	21	104	82 - 116	
Chloroform	10	11	111	84 - 128	
1,2-Dichloroethane	10	12	115	79 - 136	
2-Butanone	10	6.5	65	28 - 237	
1,1,1-Trichloroethane	10	12	118	78 - 140	
Carbon tetrachloride	10	13	125	75 - 149	
Bromodichloromethane	10	11	114	87 - 130	
1,2-Dichloropropane	10	9.3	93	82 - 115	
cis-1,3-Dichloropropene	10	10	105	84 - 130	
Trichloroethene	10	11	106	75 - 122	
Dibromochloromethane	10	11	114	81 - 138	
1,1,2-Trichloroethane	10	9.8	98	83 - 122	
Benzene	10	11	109	80 - 116	
trans-1,3-Dichloropropene	10	11	106	84 - 130	
Bromoform	10	12	120	76 - 150	
4-Methyl-2-pentanone	10	7.8	78	78 - 141	
2-Hexanone	10	8.2	82	35 - 200	
Tetrachloroethene	10	10	104	88 - 113	
1,1,2,2-Tetrachloroethane	10	9.5	95	85 - 118	
Toluene	10	9.9	99	74 - 119	
Chlorobenzene	10	9.7	97	76 - 117	
Ethylbenzene	10	9.8	98	86 - 116	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJR331AC
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	9.6	96	85- 117	
Xylenes (total)	30	29	98	87- 116	
cis-1,2-Dichloroethene	10	10	104	85- 113	
trans-1,2-Dichloroethene	10	10	105	79- 120	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJR331AD
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	13	131*	48 - 123	a
Bromomethane	10	11	109	64 - 129	
Vinyl chloride	10	10	102	61 - 120	
Chloroethane	10	11	112	66 - 126	
Methylene chloride	10	9.9	99	78 - 118	
Acetone	10	4.9	49	22 - 200	
Carbon disulfide	10	11	110	73 - 139	
1,1-Dichloroethene	10	12	115	63 - 130	
1,1-Dichloroethane	10	10	102	86 - 123	
1,2-Dichloroethene (total	20	21	106	82 - 116	
Chloroform	10	11	112	84 - 128	
1,2-Dichloroethane	10	11	112	79 - 136	
2-Butanone	10	6.3	63	28 - 237	
1,1,1-Trichloroethane	10	12	119	78 - 140	
Carbon tetrachloride	10	13	131	75 - 149	
Bromodichloromethane	10	11	111	87 - 130	
1,2-Dichloropropane	10	9.3	93	82 - 115	
cis-1,3-Dichloropropene	10	10	104	84 - 130	
Trichloroethene	10	11	110	75 - 122	
Dibromochloromethane	10	11	112	81 - 138	
1,1,2-Trichloroethane	10	9.7	97	83 - 122	
Benzene	10	11	110	80 - 116	
trans-1,3-Dichloropropene	10	10	102	84 - 130	
Bromoform	10	12	118	76 - 150	
4-Methyl-2-pentanone	10	7.6	76*	78 - 141	a
2-Hexanone	10	7.8	78	35 - 200	
Tetrachloroethene	10	10	103	88 - 113	
1,1,2,2-Tetrachloroethane	10	8.1	81*	85 - 118	a
Toluene	10	9.7	97	74 - 119	
Chlorobenzene	10	9.6	96	76 - 117	
Ethylbenzene	10	9.8	98	86 - 116	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJR331AD
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	9.6	96	85- 117	
Xylenes (total)	30	30	99	87- 116	
cis-1,2-Dichloroethene	10	10	104	85- 113	
trans-1,2-Dichloroethene	10	11	108	79- 120	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPAT1AC
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	44	88	15 - 136	
Bromomethane	50	48	96	24 - 152	
Vinyl chloride	50	48	96	24 - 152	
Chloroethane	50	47	93	31 - 144	
Methylene chloride	50	50	99	58 - 130	
Acetone	50	26	51*	58 - 130	a
Carbon disulfide	50	56	111	50 - 137	
1,1-Dichloroethene	50	54	109	55 - 142	
1,1-Dichloroethane	50	49	98	77 - 119	
1,2-Dichloroethene (total	100	100	103	73 - 115	
Chloroform	50	51	101	73 - 115	
1,2-Dichloroethane	50	48	95	78 - 121	
2-Butanone (MEK)	50	29	59	27 - 200	
1,1,1-Trichloroethane	50	49	99	67 - 123	
Carbon tetrachloride	50	51	102	57 - 137	
Bromodichloromethane	50	50	101	72 - 125	
1,2-Dichloropropane	50	52	104	78 - 116	
cis-1,3-Dichloropropene	50	51	102	71 - 125	
Trichloroethene	50	49	99	70 - 131	
Dibromochloromethane	50	50	99	49 - 135	
1,1,2-Trichloroethane	50	48	96	82 - 116	
Benzene	50	52	104	75 - 129	
trans-1,3-Dichloropropene	50	48	97	67 - 125	
Bromoform	50	47	95	43 - 149	
4-Methyl-2-pentanone (MIB	50	38	76	68 - 142	
2-Hexanone	50	26	51	29 - 200	
Tetrachloroethene	50	49	99	72 - 120	
1,1,2,2-Tetrachloroethane	50	46	92	70 - 133	
Toluene	50	51	103	71 - 130	
Chlorobenzene	50	49	98	75 - 127	
Ethylbenzene	50	52	104	79 - 114	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPAT1AC
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	54	108	80- 114	
Xylenes (total)	150	160	106	80- 114	
cis-1,2-Dichloroethene	50	49	99	77- 114	
trans-1,2-Dichloroethene	50	53	106	68- 117	
n-Hexane	50	53	107	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPAT1AD
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	44	88	15- 136	
Bromomethane	50	48	96	24- 152	
Vinyl chloride	50	47	94	24- 152	
Chloroethane	50	47	94	31- 144	
Methylene chloride	50	49	97	58- 130	
Acetone	50	26	52*	58- 130	a
Carbon disulfide	50	54	109	50- 137	
1,1-Dichloroethene	50	53	107	55- 142	
1,1-Dichloroethane	50	49	98	77- 119	
1,2-Dichloroethene (total	100	100	102	73- 115	
Chloroform	50	50	99	73- 115	
1,2-Dichloroethane	50	48	96	78- 121	
2-Butanone (MEK)	50	31	61	27- 200	
1,1,1-Trichloroethane	50	48	97	67- 123	
Carbon tetrachloride	50	50	101	57- 137	
Bromodichloromethane	50	50	100	72- 125	
1,2-Dichloropropane	50	51	103	78- 116	
cis-1,3-Dichloropropene	50	51	102	71- 125	
Trichloroethene	50	49	98	70- 131	
Dibromochloromethane	50	51	102	49- 135	
1,1,2-Trichloroethane	50	49	98	82- 116	
Benzene	50	51	102	75- 129	
trans-1,3-Dichloropropene	50	49	98	67- 125	
Bromoform	50	49	97	43- 149	
4-Methyl-2-pentanone (MIB	50	41	82	68- 142	
2-Hexanone	50	28	55	29- 200	
Tetrachloroethene	50	50	99	72- 120	
1,1,2,2-Tetrachloroethane	50	47	93	70- 133	
Toluene	50	51	102	71- 130	
Chlorobenzene	50	49	98	75- 127	
Ethylbenzene	50	51	102	79- 114	

(Continued on next page)

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F210000 WO #: GJPAT1AD
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	54	107	80- 114	
Xylenes (total)	150	160	106	80- 114	
cis-1,2-Dichloroethene	50	49	99	77- 114	
trans-1,2-Dichloroethene	50	53	105	68- 117	
n-Hexane	50	53	105	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJTJG1AC
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
trans-1,2-Dichloroethene	50	54	107	68- 117	
n-Hexane	50	57	114	57- 130	
Chloromethane	50	37	74	15- 136	
Bromomethane	50	51	101	24- 152	
Vinyl chloride	50	44	88	24- 152	
Chloroethane	50	44	88	31- 144	
Methylene chloride	50	50	99	58- 130	
Acetone	50	21	42*	58- 130	a
Carbon disulfide	50	56	111	50- 137	
1,1-Dichloroethene	50	55	111	55- 142	
1,1-Dichloroethane	50	45	89	77- 119	
1,2-Dichloroethene (total	100	100	102	73- 115	
Chloroform	50	48	95	73- 115	
1,2-Dichloroethane	50	39	77*	78- 121	a
2-Butanone (MEK)	50	23	45	27- 200	
1,1,1-Trichloroethane	50	45	91	67- 123	
Carbon tetrachloride	50	48	97	57- 137	
Bromodichloromethane	50	48	95	72- 125	
1,2-Dichloropropane	50	46	92	78- 116	
cis-1,3-Dichloropropene	50	49	97	71- 125	
Trichloroethene	50	50	100	70- 131	
Dibromochloromethane	50	48	97	49- 135	
1,1,2-Trichloroethane	50	46	92	82- 116	
Benzene	50	51	101	75- 129	
trans-1,3-Dichloropropene	50	45	90	67- 125	
Bromoform	50	48	96	43- 149	
4-Methyl-2-pentanone (MIB	50	28	56*	68- 142	a
2-Hexanone	50	19	38	29- 200	
Tetrachloroethene	50	47	95	72- 120	
1,1,2,2-Tetrachloroethane	50	44	87	70- 133	
Toluene	50	50	100	71- 130	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJTJG1AC
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chlorobenzene	50	48	97	75- 127	
Ethylbenzene	50	50	101	79- 114	
Styrene	50	53	105	80- 114	
Xylenes (total)	150	150	103	80- 114	
cis-1,2-Dichloroethene	50	48	96	77- 114	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJTJG1AD
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	36	72	15- 136	
Bromomethane	50	48	96	24- 152	
Vinyl chloride	50	42	84	24- 152	
Chloroethane	50	42	84	31- 144	
Methylene chloride	50	49	97	58- 130	
Acetone	50	21	42*	58- 130	a
Carbon disulfide	50	53	107	50- 137	
1,1-Dichloroethene	50	52	105	55- 142	
1,1-Dichloroethane	50	43	86	77- 119	
1,2-Dichloroethene (total	100	99	99	73- 115	
Chloroform	50	46	92	73- 115	
1,2-Dichloroethane	50	38	76*	78- 121	a
2-Butanone (MEK)	50	22	44	27- 200	
1,1,1-Trichloroethane	50	44	87	67- 123	
Carbon tetrachloride	50	46	93	57- 137	
Bromodichloromethane	50	47	93	72- 125	
1,2-Dichloropropane	50	44	88	78- 116	
cis-1,3-Dichloropropene	50	46	92	71- 125	
Trichloroethene	50	48	96	70- 131	
Dibromochloromethane	50	48	95	49- 135	
1,1,2-Trichloroethane	50	46	92	82- 116	
Benzene	50	49	98	75- 129	
trans-1,3-Dichloropropene	50	44	88	67- 125	
Bromoform	50	47	94	43- 149	
4-Methyl-2-pentanone (MIB	50	27	55*	68- 142	a
2-Hexanone	50	19	37	29- 200	
Tetrachloroethene	50	45	90	72- 120	
1,1,2,2-Tetrachloroethane	50	44	88	70- 133	
Toluene	50	48	97	71- 130	
Chlorobenzene	50	47	93	75- 127	
Ethylbenzene	50	48	96	79- 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F230000 WO #: GJTJG1AD
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	50	101	80- 114	
Xylenes (total)	150	150	98	80- 114	
cis-1,2-Dichloroethene	50	47	93	77- 114	
trans-1,2-Dichloroethene	50	52	104	68- 117	
n-Hexane	50	52	105	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ1911AC
BATCH: 4177231

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	34	68	15 - 136	
Bromomethane	50	48	96	24 - 152	
Vinyl chloride	50	41	82	24 - 152	
Chloroethane	50	42	84	31 - 144	
Methylene chloride	50	47	93	58 - 130	
Acetone	50	21	42*	58 - 130	a
Carbon disulfide	50	53	107	50 - 137	
1,1-Dichloroethene	50	54	108	55 - 142	
1,1-Dichloroethane	50	43	85	77 - 119	
1,2-Dichloroethene (total	100	99	99	73 - 115	
Chloroform	50	46	92	73 - 115	
1,2-Dichloroethane	50	37	73*	78 - 121	a
2-Butanone (MEK)	50	22	44	27 - 200	
1,1,1-Trichloroethane	50	44	88	67 - 123	
Carbon tetrachloride	50	46	93	57 - 137	
Bromodichloromethane	50	46	91	72 - 125	
1,2-Dichloropropane	50	44	88	78 - 116	
cis-1,3-Dichloropropene	50	47	93	71 - 125	
Trichloroethene	50	48	97	70 - 131	
Dibromochloromethane	50	46	93	49 - 135	
1,1,2-Trichloroethane	50	44	87	82 - 116	
Benzene	50	49	98	75 - 129	
trans-1,3-Dichloropropene	50	43	86	67 - 125	
Bromoform	50	47	93	43 - 149	
4-Methyl-2-pentanone (MIB	50	27	54*	68 - 142	a
2-Hexanone	50	18	36	29 - 200	
Tetrachloroethene	50	47	93	72 - 120	
1,1,2,2-Tetrachloroethane	50	42	84	70 - 133	
Toluene	50	48	96	71 - 130	
Chlorobenzene	50	47	93	75 - 127	
Ethylbenzene	50	48	96	79 - 114	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ1911AC
BATCH: 4177231

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	50	100	80- 114	
Xylenes (total)	150	150	98	80- 114	
cis-1,2-Dichloroethene	50	48	95	77- 114	
trans-1,2-Dichloroethene	50	52	104	68- 117	
n-Hexane	50	54	108	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ1911AD
BATCH: 4177231

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	33	67	15- 136	
Bromomethane	50	48	95	24- 152	
Vinyl chloride	50	40	80	24- 152	
Chloroethane	50	40	81	31- 144	
Methylene chloride	50	46	91	58- 130	
Acetone	50	20	41*	58- 130	a
Carbon disulfide	50	51	103	50- 137	
1,1-Dichloroethene	50	52	103	55- 142	
1,1-Dichloroethane	50	41	83	77- 119	
1,2-Dichloroethene (total	100	97	97	73- 115	
Chloroform	50	45	89	73- 115	
1,2-Dichloroethane	50	35	71*	78- 121	a
2-Butanone (MEK)	50	21	41	27- 200	
1,1,1-Trichloroethane	50	43	86	67- 123	
Carbon tetrachloride	50	45	90	57- 137	
Bromodichloromethane	50	44	88	72- 125	
1,2-Dichloropropane	50	42	85	78- 116	
cis-1,3-Dichloropropene	50	45	90	71- 125	
Trichloroethene	50	48	95	70- 131	
Dibromochloromethane	50	45	90	49- 135	
1,1,2-Trichloroethane	50	42	84	82- 116	
Benzene	50	48	95	75- 129	
trans-1,3-Dichloropropene	50	42	84	67- 125	
Bromoform	50	44	88	43- 149	
4-Methyl-2-pentanone (MIB	50	25	50*	68- 142	a
2-Hexanone	50	17	34	29- 200	
Tetrachloroethene	50	45	91	72- 120	
1,1,2,2-Tetrachloroethane	50	40	79	70- 133	
Toluene	50	47	93	71- 130	
Chlorobenzene	50	45	90	75- 127	
Ethylbenzene	50	47	94	79- 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F250000 WO #: GJ1911AD
BATCH: 4177231

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	48	96	80- 114	
Xylenes (total)	150	140	95	80- 114	
cis-1,2-Dichloroethene	50	46	92	77- 114	
trans-1,2-Dichloroethene	50	51	101	68- 117	
n-Hexane	50	54	108	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F280000 WO #: GJ5XJ1AC
BATCH: 4180387

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	36	71	15- 136	
Bromomethane	50	50	99	24- 152	
Vinyl chloride	50	43	86	24- 152	
Chloroethane	50	43	85	31- 144	
Methylene chloride	50	49	98	58- 130	
Acetone	50	20	40*	58- 130	a
Carbon disulfide	50	53	105	50- 137	
1,1-Dichloroethene	50	51	103	55- 142	
1,1-Dichloroethane	50	41	82	77- 119	
1,2-Dichloroethene (total	100	92	92	73- 115	
Chloroform	50	42	84	73- 115	
1,2-Dichloroethane	50	34	68*	78- 121	a
2-Butanone (MEK)	50	19	38	27- 200	
1,1,1-Trichloroethane	50	41	82	67- 123	
Carbon tetrachloride	50	44	87	57- 137	
Bromodichloromethane	50	42	84	72- 125	
1,2-Dichloropropane	50	40	80	78- 116	
cis-1,3-Dichloropropene	50	41	82	71- 125	
Trichloroethene	50	43	87	70- 131	
Dibromochloromethane	50	44	88	49- 135	
1,1,2-Trichloroethane	50	42	83	82- 116	
Benzene	50	45	90	75- 129	
trans-1,3-Dichloropropene	50	39	78	67- 125	
Bromoform	50	45	89	43- 149	
4-Methyl-2-pentanone (MIB	50	23	47*	68- 142	a
2-Hexanone	50	16	31	29- 200	
Tetrachloroethene	50	43	86	72- 120	
1,1,2,2-Tetrachloroethane	50	40	79	70- 133	
Toluene	50	45	89	71- 130	
Chlorobenzene	50	43	86	75- 127	
Ethylbenzene	50	44	88	79- 114	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F280000 WO #: GJ5XJ1AC
BATCH: 4180387

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	47	93	80- 114	
Xylenes (total)	150	140	91	80- 114	
cis-1,2-Dichloroethene	50	42	84	77- 114	
trans-1,2-Dichloroethene	50	50	100	68- 117	
n-Hexane	50	52	103	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F280000 WO #: GJ5XJ1AD
BATCH: 4180387

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	38	77	15- 136	
Bromomethane	50	55	111	24- 152	
Vinyl chloride	50	46	92	24- 152	
Chloroethane	50	45	91	31- 144	
Methylene chloride	50	52	105	58- 130	
Acetone	50	20	39*	58- 130	a
Carbon disulfide	50	56	113	50- 137	
1,1-Dichloroethene	50	55	110	55- 142	
1,1-Dichloroethane	50	45	90	77- 119	
1,2-Dichloroethene (total	100	100	100	73- 115	
Chloroform	50	46	92	73- 115	
1,2-Dichloroethane	50	37	74*	78- 121	a
2-Butanone (MEK)	50	19	37	27- 200	
1,1,1-Trichloroethane	50	44	89	67- 123	
Carbon tetrachloride	50	47	94	57- 137	
Bromodichloromethane	50	46	92	72- 125	
1,2-Dichloropropane	50	44	88	78- 116	
cis-1,3-Dichloropropene	50	45	91	71- 125	
Trichloroethene	50	47	94	70- 131	
Dibromochloromethane	50	47	95	49- 135	
1,1,2-Trichloroethane	50	44	88	82- 116	
Benzene	50	48	96	75- 129	
trans-1,3-Dichloropropene	50	42	85	67- 125	
Bromoform	50	47	94	43- 149	
4-Methyl-2-pentanone (MIB	50	24	48*	68- 142	a
2-Hexanone	50	16	32	29- 200	
Tetrachloroethene	50	47	93	72- 120	
1,1,2,2-Tetrachloroethane	50	42	84	70- 133	
Toluene	50	49	97	71- 130	
Chlorobenzene	50	47	93	75- 127	
Ethylbenzene	50	48	96	79- 114	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Lot #: A4F280000 WO #: GJ5XJ1AD
BATCH: 4180387

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	50	101	80- 114	
Xylenes (total)	150	150	99	80- 114	
cis-1,2-Dichloroethene	50	46	91	77- 114	
trans-1,2-Dichloroethene	50	54	108	68- 117	
n-Hexane	50	57	113	57- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 3 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F160223 WO #: GJEKA1AE
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	60	ND	43	71	43 - 147	
Chloromethane	60	ND	41	69	28 - 130	
Bromomethane	60	ND	39	65	15 - 152	
Vinyl chloride	60	ND	41	68	30 - 136	
Chloroethane	60	ND	35	59	32 - 140	
Methylene chloride	60	ND	44	73	45 - 129	
Acetone	60	ND	29	49	10 - 200	
Carbon disulfide	60	ND	41	69	27 - 149	
1,1-Dichloroethane	60	ND	43	71	56 - 130	
1,2-Dichloroethene (total	120	ND	83	69	47 - 127	
Chloroform	60	ND	44	73	59 - 128	
1,2-Dichloroethane	60	ND	46	77	56 - 126	
2-Butanone (MEK)	60	ND	32	54	21 - 195	
1,1,1-Trichloroethane	60	ND	43	72	48 - 132	
Carbon tetrachloride	60	ND	42	71	32 - 143	
Bromodichloromethane	60	ND	43	72	47 - 131	
1,2-Dichloropropane	60	ND	40	67	54 - 125	
cis-1,3-Dichloropropene	60	ND	40	67	30 - 138	
Trichloroethene	60	ND	39	65	46 - 143	
Dibromochloromethane	60	ND	44	74	44 - 135	
1,1,2-Trichloroethane	60	ND	44	73	58 - 128	
Benzene	60	ND	41	68	55 - 138	
trans-1,3-Dichloropropene	60	ND	42	71	34 - 134	
Bromoform	60	ND	43	71	26 - 141	
4-Methyl-2-pentanone (MIB	60	ND	39	66	42 - 143	
2-Hexanone	60	ND	32	54	20 - 190	
Tetrachloroethene	60	ND	37	62	31 - 137	
1,1,2,2-Tetrachloroethane	60	ND	46	77	33 - 162	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F160223 WO #: GJEKA1AE
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Toluene	60	ND	41	69	46 - 147	
Chlorobenzene	60	ND	39	65	49 - 139	
Ethylbenzene	60	ND	41	69	36 - 133	
Styrene	60	ND	39	65	23 - 136	
Xylenes (total)	180	ND	120	66	33 - 135	
cis-1,2-Dichloroethene	60	ND	41	69	48 - 127	
trans-1,2-Dichloroethene	60	ND	42	70	47 - 127	
n-Hexane	60	ND	41	69	21 - 133	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F160223 WO #: GJEKA1AF
BATCH: 4177561

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	60	42	70	1.9		27	43 - 147	
Chloromethane	60	42	70	1.6		81	28 - 130	
Bromomethane	60	39	64	1.5		72	15 - 152	
Vinyl chloride	60	41	68	0.88		80	30 - 136	
Chloroethane	60	35	57	2.2		66	32 - 140	
Methylene chloride	60	45	75	1.7		49	45 - 129	
Acetone	60	30	50	2.8		66	10 - 200	
Carbon disulfide	60	41	68	0.47		73	27 - 149	
1,1-Dichloroethane	60	44	73	2.4		54	56 - 130	
1,2-Dichloroethene (total	120	82	69	1.2		60	47 - 127	
Chloroform	60	44	73	0.47		46	59 - 128	
1,2-Dichloroethane	60	46	76	0.92		38	56 - 126	
2-Butanone (MEK)	60	34	56	4.0		60	21 - 195	
1,1,1-Trichloroethane	60	44	74	2.4		57	48 - 132	
Carbon tetrachloride	60	43	72	1.5		68	32 - 143	
Bromodichloromethane	60	44	74	2.1		51	47 - 131	
1,2-Dichloropropane	60	41	69	2.1		43	54 - 125	
cis-1,3-Dichloropropene	60	41	68	2.6		49	30 - 138	
Trichloroethene	60	39	65	0.51		23	46 - 143	
Dibromochloromethane	60	47	78	5.3		61	44 - 135	
1,1,2-Trichloroethane	60	46	76	4.3		52	58 - 128	
Benzene	60	41	69	1.0		20	55 - 138	
trans-1,3-Dichloropropene	60	44	74	4.7		57	34 - 134	
Bromoform	60	46	76	7.4		64	26 - 141	
4-Methyl-2-pentanone (MIB	60	42	71	7.4		60	42 - 143	
2-Hexanone	60	36	60	9.9		70	20 - 190	
Tetrachloroethene	60	39	65	5.0		81	31 - 137	
1,1,2,2-Tetrachloroethane	60	48	80	4.3		90	33 - 162	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F160223 WO #: GJEKA1AF
BATCH: 4177561

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	60	43	71	3.7	24	46 - 147	
Chlorobenzene	60	39	65	0.20	22	49 - 139	
Ethylbenzene	60	40	67	2.0	72	36 - 133	
Styrene	60	39	65	0.74	65	23 - 136	
Xylenes (total)	180	120	66	0.78	78	33 - 135	
cis-1,2-Dichloroethene	60	40	67	3.0	52	48 - 127	
trans-1,2-Dichloroethene	60	42	71	0.58	58	47 - 127	
n-Hexane	60	41	68	1.2	78	21 - 133	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 36 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F150171 WO #: GJAFG1AE
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	500	ND	480	97	62- 130	
Chloromethane	500	ND	440	87	40- 137	
Bromomethane	500	ND	370	75	55- 145	
Vinyl chloride	500	ND	400	75*	88- 126	a
Chloroethane	500	ND	410	79	59- 142	
Methylene chloride	500	310	800	98	82- 115	
Acetone	500	ND	300	61	45- 128	
Carbon disulfide	500	ND	480	96	69- 138	
1,1-Dichloroethane	500	ND	520	101	88- 127	
1,2-Dichloroethene (total	1000	ND	960	93	86- 115	
Chloroform	500	360	860	99	83- 141	
1,2-Dichloroethane	500	1800	2400	123	71- 160	
2-Butanone	500	ND	460	91	71- 123	
1,1,1-Trichloroethane	500	ND	480	96	71- 162	
Carbon tetrachloride	500	ND	480	95	63- 176	
Bromodichloromethane	500	ND	480	97	80- 146	
1,2-Dichloropropane	500	ND	490	99	87- 114	
cis-1,3-Dichloropropene	500	ND	450	91	82- 130	
Trichloroethene	500	ND	440	85	62- 130	
Dibromochloromethane	500	ND	490	98	71- 158	
1,1,2-Trichloroethane	500	ND	530	97	86- 129	
Benzene	500	ND	520	96	78- 118	
trans-1,3-Dichloropropene	500	ND	500	100	73- 147	
Bromoform	500	ND	420	84	58- 176	
4-Methyl-2-pentanone	500	ND	490	97	82- 135	
2-Hexanone	500	ND	380	76*	81- 128	a
Tetrachloroethene	500	ND	400	81*	85- 121	a
1,1,2,2-Tetrachloroethane	500	ND	610	122*	88- 116	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F150171 WO #: GJAFG1AE
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Toluene	500	250	780	105	70- 119	
Chlorobenzene	500	ND	490	95	76- 117	
Ethylbenzene	500	220	780	113	86- 132	
Styrene	500	ND	530	106	83- 120	
Xylenes (total)	1500	770	2400	111	89- 121	
cis-1,2-Dichloroethene	500	ND	490	92	87- 114	
trans-1,2-Dichloroethene	500	ND	460	93	85- 116	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 4 out of 35 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F150171 WO #: GJAFG1AF
BATCH: 4174292

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	500	530	106	8.6		20	62 - 130	
Chloromethane	500	460	92	5.1		39	40 - 137	
Bromomethane	500	400	80	6.6		30	55 - 145	
Vinyl chloride	500	440	82*	8.6		30	88 - 126	a
Chloroethane	500	440	84	6.5		30	59 - 142	
Methylene chloride	500	850	108	5.9		30	82 - 115	
Acetone	500	310	61	0.84		30	45 - 128	
Carbon disulfide	500	510	102	6.6		41	69 - 138	
1,1-Dichloroethane	500	550	107	5.6		30	88 - 127	
1,2-Dichloroethene (total	1000	1000	97	5.1		30	86 - 115	
Chloroform	500	900	108	5.1		30	83 - 141	
1,2-Dichloroethane	500	2500	147	4.8		30	71 - 160	
2-Butanone	500	470	94	3.5		30	71 - 123	
1,1,1-Trichloroethane	500	510	103	6.5		30	71 - 162	
Carbon tetrachloride	500	520	104	9.2		30	63 - 176	
Bromodichloromethane	500	530	106	9.4		30	80 - 146	
1,2-Dichloropropane	500	500	101	2.4		30	87 - 114	
cis-1,3-Dichloropropene	500	490	97	6.7		30	82 - 130	
Trichloroethene	500	460	90	5.0		20	62 - 130	
Dibromochloromethane	500	510	101	3.0		30	71 - 158	
1,1,2-Trichloroethane	500	580	108	9.6		30	86 - 129	
Benzene	500	540	100	4.2		20	78 - 118	
trans-1,3-Dichloropropene	500	550	109	8.6		30	73 - 147	
Bromoform	500	460	92	8.3		30	58 - 176	
4-Methyl-2-pentanone	500	520	104	6.4		30	82 - 135	
2-Hexanone	500	440	87	14		30	81 - 128	
Tetrachloroethene	500	440	87	7.4		30	85 - 121	
1,1,2,2-Tetrachloroethane	500	660	132*	8.0		30	88 - 116	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F150171 WO #: GJAFG1AF
BATCH: 4174292

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	500	840	117	7.3		20	70 - 119	
Chlorobenzene	500	520	102	7.0		20	76 - 117	
Ethylbenzene	500	850	126	7.9		30	86 - 132	
Styrene	500	570	115	8.3		30	83 - 120	
Xylenes (total)	1500	2600	123*	7.6		30	89 - 121	a
cis-1,2-Dichloroethene	500	510	96	3.5		30	87 - 114	
trans-1,2-Dichloroethene	500	500	99	6.8		30	85 - 116	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 35 outside limits
Spike Recovery: 3 out of 35 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F180195 WO #: GJKPF1AC
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	85	ND	100	119	43- 147	
Chloromethane	85	ND	64	75	28- 130	
Bromomethane	85	ND	93	108	15- 152	
Vinyl chloride	85	ND	81	95	30- 136	
Chloroethane	85	ND	84	98	32- 140	
Methylene chloride	85	ND	85	95	45- 129	
Acetone	85	ND	37	43	10- 200	
Carbon disulfide	85	ND	100	119	27- 149	
1,1-Dichloroethane	85	ND	82	96	56- 130	
1,2-Dichloroethene (total	170	ND	180	105	47- 127	
Chloroform	85	ND	85	99	59- 128	
1,2-Dichloroethane	85	ND	67	78	56- 126	
2-Butanone (MEK)	85	ND	39	46	21- 195	
1,1,1-Trichloroethane	85	ND	83	97	48- 132	
Carbon tetrachloride	85	ND	90	105	32- 143	
Bromodichloromethane	85	ND	83	97	47- 131	
1,2-Dichloropropane	85	ND	79	92	54- 125	
cis-1,3-Dichloropropene	85	ND	79	92	30- 138	
Trichloroethene	85	ND	87	102	46- 143	
Dibromochloromethane	85	ND	82	96	44- 135	
1,1,2-Trichloroethane	85	ND	80	93	58- 128	
Benzene	85	ND	90	106	55- 138	
trans-1,3-Dichloropropene	85	ND	72	84	34- 134	
Bromoform	85	ND	84	98	26- 141	
4-Methyl-2-pentanone (MIB	85	ND	49	58	42- 143	
Tetrachloroethene	85	ND	84	98	31- 137	
1,1,2,2-Tetrachloroethane	85	ND	79	93	33- 162	
Toluene	85	ND	88	103	46- 147	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F180195 WO #: GJKPF1AC
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Chlorobenzene	85	ND	82	95	49- 139	
Ethylbenzene	85	ND	86	100	36- 133	
Styrene	85	ND	86	100	23- 136	
Xylenes (total)	260	ND	260	101	33- 135	
cis-1,2-Dichloroethene	85	ND	83	97	48- 127	
trans-1,2-Dichloroethene	85	ND	96	112	47- 127	
2-Hexanone	85	ND	33	38	20- 190	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 35 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F180195 WO #: GJKPF1AD
BATCH: 4175226

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	68	78	115	25		27	43 - 147	
Chloromethane	68	50	73	25		81	28 - 130	
Bromomethane	68	73	106	24		72	15 - 152	
Vinyl chloride	68	63	93	24		80	30 - 136	
Chloroethane	68	62	91	30		66	32 - 140	
Methylene chloride	68	64	87	29		49	45 - 129	
Acetone	68	26	38	36		66	10 - 200	
Carbon disulfide	68	78	115	26		73	27 - 149	
1,1-Dichloroethane	68	63	92	27		54	56 - 130	
1,2-Dichloroethene (total	140	140	100	26		60	47 - 127	
Chloroform	68	64	94	28		46	59 - 128	
1,2-Dichloroethane	68	49	72	31		38	56 - 126	
2-Butanone (MEK)	68	28	41	33		60	21 - 195	
1,1,1-Trichloroethane	68	64	94	25		57	48 - 132	
Carbon tetrachloride	68	69	101	25		68	32 - 143	
Bromodichloromethane	68	61	89	30		51	47 - 131	
1,2-Dichloropropane	68	60	87	27		43	54 - 125	
cis-1,3-Dichloropropene	68	59	86	29		49	30 - 138	
Trichloroethene	68	68	99	25	*	23	46 - 143	p
Dibromochloromethane	68	62	90	29		61	44 - 135	
1,1,2-Trichloroethane	68	59	87	30		52	58 - 128	
Benzene	68	69	100	27	*	20	55 - 138	p
trans-1,3-Dichloropropene	68	55	80	27		57	34 - 134	
Bromoform	68	61	89	32		64	26 - 141	
4-Methyl-2-pentanone (MIB	68	35	51	34		60	42 - 143	
2-Hexanone	68	23	34	34		70	20 - 190	
Tetrachloroethene	68	68	99	21		81	31 - 137	
1,1,2,2-Tetrachloroethane	68	59	86	30		90	33 - 162	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F180195 WO #: GJKPF1AD
BATCH: 4175226

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	68	70	102	23		24	46 - 147	
Chlorobenzene	68	65	95	23	*	22	49 - 139	p
Ethylbenzene	68	69	102	21		72	36 - 133	
Styrene	68	68	100	23		65	23 - 136	
Xylenes (total)	210	210	102	21		78	33 - 135	
cis-1,2-Dichloroethene	68	63	92	27		52	48 - 127	
trans-1,2-Dichloroethene	68	74	108	26		58	47 - 127	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 3 out of 35 outside limits
Spike Recovery: 0 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F160249 WO #: GJEQT1AF
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	10	ND	10	102	62- 130	
Chloromethane	10	ND	9.7	97	40- 137	
Bromomethane	10	ND	10	101	55- 145	
Vinyl chloride	10	ND	8.9	89	88- 126	
Chloroethane	10	ND	9.6	96	59- 142	
Methylene chloride	10	ND	7.4	74*	82- 115	a
Acetone	10	ND	2.4	24*	45- 128	a
Carbon disulfide	10	ND	9.6	96	69- 138	
1,1-Dichloroethane	10	ND	9.3	91	88- 127	
1,2-Dichloroethene (total	20	ND	20	95	86- 115	
Chloroform	10	3.2	13	101	83- 141	
1,2-Dichloroethane	10	ND	9.6	96	71- 160	
2-Butanone	10	ND	3.8	38*	71- 123	a
1,1,1-Trichloroethane	10	5.0	16	108	71- 162	
Carbon tetrachloride	10	ND	12	124	63- 176	
Bromodichloromethane	10	ND	10	101	80- 146	
1,2-Dichloropropane	10	ND	8.2	82*	87- 114	a
cis-1,3-Dichloropropene	10	ND	8.4	84	82- 130	
Trichloroethene	10	15	25	96	62- 130	
Dibromochloromethane	10	ND	10	100	71- 158	
1,1,2-Trichloroethane	10	ND	8.7	87	86- 129	
Benzene	10	ND	9.0	85	78- 118	
trans-1,3-Dichloropropene	10	ND	8.3	83	73- 147	
Bromoform	10	ND	10	102	58- 176	
4-Methyl-2-pentanone	10	ND	6.1	61*	82- 135	a
2-Hexanone	10	ND	5.2	52*	81- 128	a
Tetrachloroethene	10	1.2	10	93	85- 121	
1,1,2,2-Tetrachloroethane	10	ND	7.3	73*	88- 116	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F160249 WO #: GJEQT1AF
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Toluene	10	ND	8.7	87	70- 119	
Chlorobenzene	10	ND	8.5	85	76- 117	
Ethylbenzene	10	ND	8.6	86	86- 132	
Styrene	10	ND	7.0	70*	83- 120	a
Xylenes (total)	30	ND	25	85*	89- 121	a
cis-1,2-Dichloroethene	10	0.76	10	93	87- 114	
trans-1,2-Dichloroethene	10	ND	9.7	97	85- 116	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 9 out of 35 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F160249 WO #: GJEQT1AG
BATCH: 4175141

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	11	110	7.1		20	62 - 130	
Chloromethane	10	11	106	9.2		39	40 - 137	
Bromomethane	10	11	114	12		30	55 - 145	
Vinyl chloride	10	9.9	99	10		30	88 - 126	
Chloroethane	10	10	102	5.5		30	59 - 142	
Methylene chloride	10	7.4	74*	0.52		30	82 - 115	a
Acetone	10	3.4	34*	35	*	30	45 - 128	a p
Carbon disulfide	10	10	101	5.4		41	69 - 138	
1,1-Dichloroethane	10	9.5	93	1.8		30	88 - 127	
1,2-Dichloroethene (total	20	20	97	2.4		30	86 - 115	
Chloroform	10	13	98	2.7		30	83 - 141	
1,2-Dichloroethane	10	10	101	4.7		30	71 - 160	
2-Butanone	10	4.2	42*	10		30	71 - 123	a
1,1,1-Trichloroethane	10	16	109	0.58		30	71 - 162	
Carbon tetrachloride	10	12	123	0.60		30	63 - 176	
Bromodichloromethane	10	10	104	3.2		30	80 - 146	
1,2-Dichloropropane	10	8.5	85*	3.3		30	87 - 114	a
cis-1,3-Dichloropropene	10	8.8	88	4.2		30	82 - 130	
Trichloroethene	10	25	102	2.4		20	62 - 130	
Dibromochloromethane	10	9.9	99	0.60		30	71 - 158	
1,1,2-Trichloroethane	10	8.7	87	0.39		30	86 - 129	
Benzene	10	9.4	89	4.4		20	78 - 118	
trans-1,3-Dichloropropene	10	8.5	85	2.6		30	73 - 147	
Bromoform	10	11	108	5.4		30	58 - 176	
4-Methyl-2-pentanone	10	6.5	65*	6.7		30	82 - 135	a
2-Hexanone	10	5.6	56*	7.6		30	81 - 128	a
Tetrachloroethene	10	10	91	1.6		30	85 - 121	
1,1,2,2-Tetrachloroethane	10	7.5	75*	2.6		30	88 - 116	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD

Lot #: A4F160249 WO #: GJEQT1AG
BATCH: 4175141

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	10	8.9	89	2.1		20	70 - 119	
Chlorobenzene	10	8.8	88	3.3		20	76 - 117	
Ethylbenzene	10	8.7	87	1.5		30	86 - 132	
Styrene	10	8.1	81*	15		30	83 - 120	a
Xylenes (total)	30	26	87*	3.0		30	89 - 121	a
cis-1,2-Dichloroethene	10	10	95	1.7		30	87 - 114	
trans-1,2-Dichloroethene	10	10	100	3.1		30	85 - 116	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 35 outside limits
Spike Recovery: 9 out of 35 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F140173 WO #: GH86M1AE
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	56	ND	52	92	43 - 147	
Chloromethane	56	ND	52	92	28 - 130	
Bromomethane	56	ND	49	87	15 - 152	
Vinyl chloride	56	ND	50	89	30 - 136	
Chloroethane	56	ND	43	76	32 - 140	
Methylene chloride	56	ND	53	94	45 - 129	
Acetone	56	ND	38	52	10 - 200	
1,1-Dichloroethane	56	ND	52	92	56 - 130	
1,2-Dichloroethene (total	110	ND	100	91	47 - 127	
Chloroform	56	ND	52	93	59 - 128	
1,2-Dichloroethane	56	ND	52	92	56 - 126	
2-Butanone (MEK)	56	ND	34	61	21 - 195	
1,1,1-Trichloroethane	56	ND	54	96	48 - 132	
Carbon tetrachloride	56	ND	53	94	32 - 143	
Bromodichloromethane	56	ND	52	93	47 - 131	
1,2-Dichloropropane	56	ND	51	90	54 - 125	
cis-1,3-Dichloropropene	56	ND	49	88	30 - 138	
Trichloroethene	56	ND	52	92	46 - 143	
Dibromochloromethane	56	ND	52	91	44 - 135	
1,1,2-Trichloroethane	56	ND	51	90	58 - 128	
Benzene	56	ND	52	91	55 - 138	
trans-1,3-Dichloropropene	56	ND	50	88	34 - 134	
Bromoform	56	ND	52	92	26 - 141	
4-Methyl-2-pentanone (MIB	56	ND	44	79	42 - 143	
2-Hexanone	56	ND	36	63	20 - 190	
Tetrachloroethene	56	ND	47	84	31 - 137	
1,1,2,2-Tetrachloroethane	56	ND	51	90	33 - 162	
Toluene	56	ND	51	90	46 - 147	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F140173 WO #: GH86M1AE
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Chlorobenzene	56	ND	48	86	49- 139	
Ethylbenzene	56	ND	50	88	36- 133	
Styrene	56	ND	48	85	23- 136	
Xylenes (total)	170	ND	150	86	33- 135	
cis-1,2-Dichloroethene	56	ND	51	90	48- 127	
trans-1,2-Dichloroethene	56	ND	51	91	47- 127	
n-Hexane	56	ND	51	90	21- 133	
Carbon disulfide	56	ND	51	90	27- 149	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F140173 WO #: GH86M1AF
BATCH: 4175475

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	56	53	94	2.2		27	43 - 147	
Chloromethane	56	52	93	0.73		81	28 - 130	
Bromomethane	56	50	88	1.2		72	15 - 152	
Vinyl chloride	56	52	91	2.6		80	30 - 136	
Chloroethane	56	44	78	2.0		66	32 - 140	
Methylene chloride	56	55	98	3.9		49	45 - 129	
Acetone	56	39	55	3.8		66	10 - 200	
Carbon disulfide	56	52	93	3.6		73	27 - 149	
1,1-Dichloroethane	56	52	92	0.41		54	56 - 130	
1,2-Dichloroethene (total	110	100	90	0.92		60	47 - 127	
Chloroform	56	53	94	1.0		46	59 - 128	
1,2-Dichloroethane	56	52	92	0.70		38	56 - 126	
2-Butanone (MEK)	56	38	68	10		60	21 - 195	
1,1,1-Trichloroethane	56	55	97	0.92		57	48 - 132	
Carbon tetrachloride	56	55	98	4.8		68	32 - 143	
Bromodichloromethane	56	54	95	2.3		51	47 - 131	
1,2-Dichloropropane	56	50	88	1.5		43	54 - 125	
cis-1,3-Dichloropropene	56	51	90	2.2		49	30 - 138	
Trichloroethene	56	52	92	0.22		23	46 - 143	
Dibromochloromethane	56	50	89	2.3		61	44 - 135	
1,1,2-Trichloroethane	56	50	89	0.60		52	58 - 128	
Benzene	56	52	92	0.52		20	55 - 138	
trans-1,3-Dichloropropene	56	51	90	1.9		57	34 - 134	
Bromoform	56	52	91	0.88		64	26 - 141	
4-Methyl-2-pentanone (MIB	56	47	84	6.6		60	42 - 143	
2-Hexanone	56	39	70	9.3		70	20 - 190	
Tetrachloroethene	56	48	85	1.4		81	31 - 137	
1,1,2,2-Tetrachloroethane	56	51	91	1.3		90	33 - 162	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F140173 WO #: GH86M1AF
BATCH: 4175475

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	56	52	92	1.4	24	46 - 147	
Chlorobenzene	56	48	86	0.040	22	49 - 139	
Ethylbenzene	56	50	89	0.73	72	36 - 133	
Styrene	56	48	85	0.50	65	23 - 136	
Xylenes (total)	170	150	87	0.23	78	33 - 135	
cis-1,2-Dichloroethene	56	50	88	2.3	52	48 - 127	
trans-1,2-Dichloroethene	56	52	91	0.43	58	47 - 127	
n-Hexane	56	51	90	0.65	78	21 - 133	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 36 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F090111 WO #: GHV5V1AD
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	68	ND	66	97	43 - 147	
Chloromethane	68	ND	54	80	28 - 130	
Bromomethane	68	ND	61	90	15 - 152	
Vinyl chloride	68	ND	61	90	30 - 136	
Chloroethane	68	ND	62	92	32 - 140	
Methylene chloride	68	ND	60	80	45 - 129	
Acetone	68	ND	32	47	10 - 200	
Carbon disulfide	68	ND	58	86	27 - 149	
1,1-Dichloroethane	68	ND	64	95	56 - 130	
1,2-Dichloroethene (total	140	ND	110	80	47 - 127	
Chloroform	68	ND	61	90	59 - 128	
1,2-Dichloroethane	68	ND	55	81	56 - 126	
2-Butanone (MEK)	68	ND	29	43	21 - 195	
1,1,1-Trichloroethane	68	ND	61	89	48 - 132	
Carbon tetrachloride	68	ND	61	90	32 - 143	
Bromodichloromethane	68	ND	57	84	47 - 131	
1,2-Dichloropropane	68	ND	62	91	54 - 125	
cis-1,3-Dichloropropene	68	ND	45	67	30 - 138	
Trichloroethene	68	ND	65	96	46 - 143	
Dibromochloromethane	68	ND	55	81	44 - 135	
1,1,2-Trichloroethane	68	ND	57	84	58 - 128	
Benzene	68	ND	60	88	55 - 138	
trans-1,3-Dichloropropene	68	ND	40	59	34 - 134	
Bromoform	68	ND	49	72	26 - 141	
4-Methyl-2-pentanone (MIB	68	ND	32	48	42 - 143	
2-Hexanone	68	ND	17	25	20 - 190	
Tetrachloroethene	68	ND	46	68	31 - 137	
1,1,2,2-Tetrachloroethane	68	ND	30	45	33 - 162	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F090111 WO #: GHV5V1AD
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Toluene	68	ND	55	81	46- 147	
Chlorobenzene	68	ND	44	65	49- 139	
Ethylbenzene	68	ND	46	67	36- 133	
Styrene	68	ND	42	62	23- 136	
Xylenes (total)	200	ND	140	68	33- 135	
cis-1,2-Dichloroethene	68	ND	52	76	48- 127	
trans-1,2-Dichloroethene	68	ND	56	83	47- 127	
n-Hexane	68	ND	57	84	21- 133	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F090111 WO #: GHV5V1AE
BATCH: 4173408

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	71	60	84	9.3	27	43 - 147	
Chloromethane	71	53	74	3.4	81	28 - 130	
Bromomethane	71	59	83	3.4	72	15 - 152	
Vinyl chloride	71	56	78	9.7	80	30 - 136	
Chloroethane	71	58	82	6.9	66	32 - 140	
Methylene chloride	71	67	86	11	49	45 - 129	
Acetone	71	42	59	27	66	10 - 200	
Carbon disulfide	71	55	77	6.2	73	27 - 149	
1,1-Dichloroethane	71	62	87	3.5	54	56 - 130	
1,2-Dichloroethene (total	140	110	76	0.34	60	47 - 127	
Chloroform	71	61	86	0.48	46	59 - 128	
1,2-Dichloroethane	71	61	86	11	38	56 - 126	
2-Butanone (MEK)	71	42	59	36	60	21 - 195	
1,1,1-Trichloroethane	71	56	78	8.5	57	48 - 132	
Carbon tetrachloride	71	56	79	8.8	68	32 - 143	
Bromodichloromethane	71	60	85	5.2	51	47 - 131	
1,2-Dichloropropane	71	63	89	2.4	43	54 - 125	
cis-1,3-Dichloropropene	71	48	68	7.0	49	30 - 138	
Trichloroethene	71	55	77	17	23	46 - 143	
Dibromochloromethane	71	63	89	13	61	44 - 135	
1,1,2-Trichloroethane	71	65	91	12	52	58 - 128	
Benzene	71	59	83	2.3	20	55 - 138	
trans-1,3-Dichloropropene	71	45	64	13	57	34 - 134	
Bromoform	71	56	79	14	64	26 - 141	
4-Methyl-2-pentanone (MIB	71	48	68	40	60	42 - 143	
2-Hexanone	71	28	39	47	70	20 - 190	
Tetrachloroethene	71	45	63	3.3	81	31 - 137	
1,1,2,2-Tetrachloroethane	71	57	81	62	90	33 - 162	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: PAYNE FIRM INC.

Lab Code: STLCAN SDG No: 4F12158

Matrix Spike ID: LAB MS/MSD Level:(low/med) LOW

Lot #: A4F090111 WO #: GHV5V1AE
BATCH: 4173408

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	71	54	76	1.7	24	46 - 147	
Chlorobenzene	71	46	65	3.6	22	49 - 139	
Ethylbenzene	71	45	63	2.3	72	36 - 133	
Styrene	71	43	61	2.7	65	23 - 136	
Xylenes (total)	210	140	65	0.39	78	33 - 135	
cis-1,2-Dichloroethene	71	53	75	2.9	52	48 - 127	
trans-1,2-Dichloroethene	71	55	77	3.4	58	47 - 127	
n-Hexane	71	58	82	2.8	78	21 - 133	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 36 outside limits
Spike Recovery: 0 out of 36 outside limits

COMMENTS:

FORM III

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJQ0J1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: UX76902.D

Lot Number: A4F150251

Date Analyzed: 06/22/04

Time Analyzed: 09:21

Matrix: WATER

Date Extracted:06/22/04

GC Column: DB 624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: UX7

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	INTRA-LAB QC	GJAFG1AA	UX76914.D	06/22/04	14:03
02	LAB MS/MSD	GJAFG1AE S	UX76915.D	06/22/04	14:27
03	LAB MS/MSD	GJAFG1AF D	UX76916.D	06/22/04	14:50
04	TRIP BLANK/061404	GJCC61AA	UX76917.D	06/22/04	15:14
05	CHECK SAMPLE	GJQ0J1AC C	UX76900.D	06/22/04	08:35
06	DUPLICATE CHECK	GJQ0J1AD L	UX76901.D	06/22/04	08:58
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
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25					
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28					
29					
30					

COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJPF81AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: UX127853

Lot Number: A4F150251

Date Analyzed: 07/01/04

Time Analyzed: 18:59

Matrix: SOLID

Date Extracted:06/16/04

GC Column: DB 624 ID: .18

Extraction Method: 5035

Instrument ID: UX12

Level:(low/med) MED

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE527/02.1-02.7/061404	GJA8Q1AC	144018.D	06/28/04	15:18
02	CHECK SAMPLE	GJPF81AC C	UX80404.D	06/19/04	15:31
03	DUPLICATE CHECK	GJPF81AD L	UX80405.D	06/19/04	15:55
04					
05					
06					
07					
08					
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJV3L1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: UX94003.D

Lot Number: A4F120158

Date Analyzed: 06/22/04

Time Analyzed: 21:37

Matrix: SOLID

Date Extracted:06/22/04

GC Column: DB 624 ID: .18

Extraction Method: 5035

Instrument ID: UX9

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE528/34-35/061104	GH7MQ1AC	UX94008.D	06/22/04	23:41
02	VE528/54-55/061104	GH7M51AC	UX94009.D	06/23/04	00:06
03	VE528/56.7-57.4/061104	GH7M91AC	UX94010.D	06/23/04	00:31
04	INTRA-LAB QC	GH86M1AA	UX94013.D	06/23/04	01:44
05	LAB MS/MSD	GH86M1AE S	UX94014.D	06/23/04	02:09
06	LAB MS/MSD	GH86M1AF D	UX94015.D	06/23/04	02:33
07	CHECK SAMPLE	GJV3L1AC C	UX94002.D	06/22/04	21:13
08	DUPLICATE CHECK	GJV3L1AD L	UX94004.D	06/22/04	22:02
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJ3251AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: UX94044.D

Lot Number: A4F150251

Date Analyzed: 06/24/04

Time Analyzed: 21:33

Matrix: SOLID

Date Extracted:06/24/04

GC Column: DB 624 ID: .18

Extraction Method: 5035

Instrument ID: UX9

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE527/37-38/061404	GJCCK1AC	UX94056.D	06/25/04	02:27
02	VE527/47-48/061404	GJCCN1AC	UX94057.D	06/25/04	02:52
03	VE527/53.5-54.5/061404	GJCCP1AC	UX94058.D	06/25/04	03:16
04	VE527/56.5-57.5/061404	GJCCX1AC	UX94059.D	06/25/04	03:41
05	INTRA-LAB QC	GJEKA1AD	UX94047.D	06/24/04	22:46
06	LAB MS/MSD	GJEKA1AE S	UX94050.D	06/25/04	00:00
07	LAB MS/MSD	GJEKA1AF D	UX94051.D	06/25/04	00:25
08	CHECK SAMPLE	GJ3251AC C	UX94043.D	06/24/04	21:08
09	DUPLICATE CHECK	GJ3251AD L	UX94045.D	06/24/04	21:57
10					
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJR331AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: UXJ21805.

Lot Number: A4F120158

Date Analyzed: 06/22/04

Time Analyzed: 11:53

Matrix: WATER

Date Extracted:06/22/04

GC Column: DB 624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: UX11

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	TB-01/061104	GH7NG1AA	UXJ21809.	06/22/04	13:27
02	INTRA-LAB QC	GJEQT1AC	UXJ21818.	06/22/04	16:59
03	LAB MS/MSD	GJEQT1AF S	UXJ21819.	06/22/04	17:23
04	LAB MS/MSD	GJEQT1AG D	UXJ21820.	06/22/04	17:46
05	CHECK SAMPLE	GJR331AC C	UXJ21802.	06/22/04	10:22
06	DUPLICATE CHECK	GJR331AD L	UXJ21803.	06/22/04	10:45
07					
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJPAT1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: 143838.D

Lot Number: A4F120158

Date Analyzed: 06/19/04

Time Analyzed: 14:43

Matrix: SOLID

Date Extracted:06/19/04

GC Column: DB624 ID: .18

Extraction Method: 5035

Instrument ID: UX14

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	INTRA-LAB QC	GHV5V1AC	143841.D	06/19/04	15:56
02	LAB MS/MSD	GHV5V1AD S	143842.D	06/19/04	16:20
03	LAB MS/MSD	GHV5V1AE D	143843.D	06/19/04	16:45
04	VE528/44-45/061104	GH7MV1AC	143855.D	06/19/04	21:38
05	VE528/64-65/061104	GH7NE1AC	143858.D	06/19/04	22:51
06	VE528/66.5-67.5/061104	GH7NF1AC	143859.D	06/19/04	23:15
07	CHECK SAMPLE	GJPAT1AC C	143836.D	06/19/04	13:54
08	DUPLICATE CHECK	GJPAT1AD L	143837.D	06/19/04	14:18
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJTJG1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: 143896.D

Lot Number: A4F120158

Date Analyzed: 06/22/04

Time Analyzed: 10:33

Matrix: SOLID

Date Extracted:06/22/04

GC Column: DB624 ID: .18

Extraction Method: 5035

Instrument ID: UX14

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE528/58-58.5/061104	GH7NC1AC	143918.D	06/22/04	19:32
02	INTRA-LAB QC	GJKPF1AA	143909.D	06/22/04	15:51
03	LAB MS/MSD	GJKPF1AC S	143910.D	06/22/04	16:15
04	LAB MS/MSD	GJKPF1AD D	143911.D	06/22/04	16:40
05	CHECK SAMPLE	GJTJG1AC C	143894.D	06/22/04	09:44
06	DUPLICATE CHECK	GJTJG1AD L	143895.D	06/22/04	10:09
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJ1911AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: 143954.D

Lot Number: A4F150251

Date Analyzed: 06/24/04

Time Analyzed: 12:31

Matrix: SOLID

Date Extracted:06/24/04

GC Column: DB624 ID: .18

Extraction Method: 5035

Instrument ID: UX14

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE527/07.3-08.5/061404	GJCAR1AC	143971.D	06/24/04	19:27
02	VE527/12.5-13.5/061404	GJCA51AC	143972.D	06/24/04	19:52
03	CHECK SAMPLE	GJ1911AC C	143952.D	06/24/04	11:42
04	DUPLICATE CHECK	GJ1911AD L	143953.D	06/24/04	12:07
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COMMENTS:

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: GJ5XJ1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F12158

Lab File ID: 143983.D

Lot Number: A4F150251

Date Analyzed: 06/25/04

Time Analyzed: 18:11

Matrix: SOLID

Date Extracted:06/25/04

GC Column: DB624 ID: .18

Extraction Method: 5035

Instrument ID: UX14

Level:(low/med) LOW

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

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VE527/27-28/061404	GJCCD1AC	144000.D	06/26/04	01:05
02	CHECK SAMPLE	GJ5XJ1AC C	143981.D	06/25/04	17:22
03	DUPLICATE CHECK	GJ5XJ1AD L	143982.D	06/25/04	17:46
04					
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COMMENTS:

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB222 BFB Injection Date: 04/21/04

Instrument ID: A3UX7 BFB Injection Time: 0850

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.9
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	79.8
175	5.0 - 9.0% of mass 174	5.9 (7.4)1
176	Greater than 95.0%, but less than 101.0% of mass 174	78.8 (98.7)1
177	5.0 - 9.0% of mass 176	5.5 (7.0)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD001	5NGA9CAL	UX74908	04/21/04	0938
02	VSTD002	10NGA9CAL	UX74909	04/21/04	1002
03	VSTD005	25NGA9CAL	UX74910	04/21/04	1026
04	VSTD010	50NGA9CAL	UX74911	04/21/04	1050
05	VSTD020	100NGA9CAL	UX74912	04/21/04	1113
06	VSTD040	200NGA9CAL	UX74913	04/21/04	1155
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB277 BFB Injection Date: 06/02/04

Instrument ID: A3UX7 BFB Injection Time: 1151

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	45.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.6 (0.7)1
174	50.0 - 100.0% of mass 95	80.5
175	5.0 - 9.0% of mass 174	5.7 (7.1)1
176	Greater than 95.0%, but less than 101.0% of mass 174	80.3 (99.7)1
177	5.0 - 9.0% of mass 176	4.8 (6.0)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD001	5.0NG8260CAL	UX76306	06/02/04	1214
02	VSTD002	10NG8260CAL	UX76307	06/02/04	1238
03	VSTD005	25NG8260CAL	UX76308	06/02/04	1301
04	VSTD010	50NG8260CAL	UX76309	06/02/04	1325
05	VSTD020	100NG8260CAL	UX76310	06/02/04	1348
06	VSTD040	200NG8260CAL	UX76311	06/02/04	1412
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB299 BFB Injection Date: 06/22/04

Instrument ID: A3UX7 BFB Injection Time: 0718

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	69.6
175	5.0 - 9.0% of mass 174	5.2 (7.4)1
176	Greater than 95.0%, but less than 101.0% of mass 174	67.9 (97.6)1
177	5.0 - 9.0% of mass 176	4.2 (6.2)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NGA9-CC	UX76898	06/22/04	0747
02	VSTD010	50NG-CC	UX76899	06/22/04	0811
03	GJQ0J-CHK	GJQ0J1AC	UX76900	06/22/04	0835
04	GJQ0J-CKDUP	GJQ0J1AD	UX76901	06/22/04	0858
05	GJQ0J-BLK	GJQ0J1AA	UX76902	06/22/04	0921
06	TRIP BLANK/0	GJCC61AA	UX76917	06/22/04	1514
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5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB8765 BFB Injection Date: 06/03/04

Instrument ID: A3UX8A BFB Injection Time: 1436

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.6 (7.9)1
176	Greater than 95.0%, but less than 101.0% of mass 174	69.4 (97.6)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD200	1000NG-IC	UX89920	06/03/04	1520
02	VSTD100	500NG-IC	UX89921	06/03/04	1545
03	VSTD050	250NG-IC	UX89922	06/03/04	1609
04	VSTD020	100NG-IC	UX89923	06/03/04	1633
05	VSTD010	50NG-IC	UX89924	06/03/04	1657
06	VSTD005	25NG-IC	UX89925	06/03/04	1721
07					
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5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB8784 BFB Injection Date: 06/19/04

Instrument ID: A3UX8A BFB Injection Time: 1310

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	71.7
175	5.0 - 9.0% of mass 174	5.6 (7.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	70.4 (98.2)1
177	5.0 - 9.0% of mass 176	4.5 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	UX80400	06/19/04	1354
02	GJPF8-CHK	GJPF81AC	UX80404	06/19/04	1531
03	GJPF8-CKDUP	GJPF81AD	UX80405	06/19/04	1555
04					
05					
06					
07					
08					
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5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB746 BFB Injection Date: 02/11/04

Instrument ID: A3UX9 BFB Injection Time: 1848

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	36.3
75	30.0 - 60.0% of mass 95	45.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.8)1
174	50.0 - 100.0% of mass 95	75.1
175	5.0 - 9.0% of mass 174	5.4 (7.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	72.2 (96.1)1
177	5.0 - 9.0% of mass 176	4.9 (6.8)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD200	1000NG-IC	UX91486	02/11/04	2211
02	VSTD100	500NG-IC	UX91487	02/11/04	2235
03	VSTD050	250NG-IC	UX91488	02/11/04	2300
04	VSTD020	100NG-IC	UX91489	02/11/04	2324
05	VSTD010	50NG-IC	UX91490	02/11/04	2348
06	VSTD005	25NG-IC	UX91491	02/12/04	0013
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21					
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB620 BFB Injection Date: 06/21/04

Instrument ID: A3UX9 BFB Injection Time: 1020

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	35.3
75	30.0 - 60.0% of mass 95	44.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.5 (6.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	65.4 (97.3)1
177	5.0 - 9.0% of mass 176	4.2 (6.5)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD200	1000NG-IC	UX9327	06/21/04	1056
02	VSTD100	500NG-IC	UX9328	06/21/04	1121
03	VSTD050	250NG-IC	UX9329	06/21/04	1145
04	VSTD020	100NG-IC	UX9330	06/21/04	1210
05	VSTD010	50NG-IC	UX9331	06/21/04	1234
06	VSTD005	25NG-IC	UX9332	06/21/04	1258
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21					
22					

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB100 BFB Injection Date: 06/22/04

Instrument ID: A3UX9 BFB Injection Time: 1951

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	37.9
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.5 (0.8)1
174	50.0 - 100.0% of mass 95	69.4
175	5.0 - 9.0% of mass 174	5.3 (7.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	66.1 (95.2)1
177	5.0 - 9.0% of mass 176	3.8 (5.8)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	UX94000	06/22/04	2023
02	VSTD050	250NG-A9CC	UX94001	06/22/04	2048
03	GJV3L-CHK	GJV3L1AC	UX94002	06/22/04	2113
04	GJV3L-BLK	GJV3L1AA	UX94003	06/22/04	2137
05	GJV3L-CKDUP	GJV3L1AD	UX94004	06/22/04	2202
06	VE528/34-35/	GH7MQ1AC	UX94008	06/22/04	2341
07	VE528/54-55/	GH7M51AC	UX94009	06/23/04	0006
08	VE528/56.7-5	GH7M91AC	UX94010	06/23/04	0031
09					
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB102 BFB Injection Date: 06/24/04

Instrument ID: A3UX9 BFB Injection Time: 2000

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	36.9
75	30.0 - 60.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 100.0% of mass 95	66.4
175	5.0 - 9.0% of mass 174	4.8 (7.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	64.5 (97.1)1
177	5.0 - 9.0% of mass 176	4.2 (6.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	UX94041	06/24/04	2019
02	VSTD050	250NG-A9CC	UX94042	06/24/04	2044
03	GJ325-CHK	GJ3251AC	UX94043	06/24/04	2108
04	GJ325-BLK	GJ3251AA	UX94044	06/24/04	2133
05	GJ325-CKDUP	GJ3251AD	UX94045	06/24/04	2157
06	VE527/37-38/	GJCCK1AC	UX94056	06/25/04	0227
07	VE527/47-48/	GJCCN1AC	UX94057	06/25/04	0252
08	VE527/53.5-5	GJCCP1AC	UX94058	06/25/04	0316
09	VE527/56.5-5	GJCCX1AC	UX94059	06/25/04	0341
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB117 BFB Injection Date: 05/20/04

Instrument ID: A3UX11 BFB Injection Time: 1003

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	45.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 100.0% of mass 95	76.3
175	5.0 - 9.0% of mass 174	5.5 (7.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	74.8 (98.0)1
177	5.0 - 9.0% of mass 176	4.7 (6.3)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-A9IC	UXJ20852	05/20/04	1328
02	VSTD020	100NG-A9IC	UXJ20853	05/20/04	1352
03	VSTD010	50NG-A9IC	UXJ20854	05/20/04	1415
04	VSTD005	25NG-A9IC	UXJ20855	05/20/04	1438
05	VSTD002	10NG-A9IC	UXJ20856	05/20/04	1501
06	VSTD001	5NG-A9IC	UXJ20857	05/20/04	1524
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB130 BFB Injection Date: 06/01/04

Instrument ID: A3UX11 BFB Injection Time: 0920

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.0
75	30.0 - 60.0% of mass 95	45.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.4 (0.6)1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.3 (7.1)1
176	Greater than 95.0%, but less than 101.0% of mass 174	71.7 (95.9)1
177	5.0 - 9.0% of mass 176	4.8 (6.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-IC	UXJ21167	06/01/04	1023
02	VSTD020	100NG-IC	UXJ21168	06/01/04	1047
03	VSTD010	50NG-IC	UXJ21169	06/01/04	1110
04	VSTD005	25NG-IC	UXJ21170	06/01/04	1134
05	VSTD002	10NG-IC	UXJ21171	06/01/04	1157
06	VSTD001	5NG-IC	UXJ21172	06/01/04	1221
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB154 BFB Injection Date: 06/22/04

Instrument ID: A3UX11 BFB Injection Time: 0815

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.9
75	30.0 - 60.0% of mass 95	47.0
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	0.4 (0.6)1
174	50.0 - 100.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	5.5 (6.9)1
176	Greater than 95.0%, but less than 101.0% of mass 174	77.7 (96.7)1
177	5.0 - 9.0% of mass 176	5.0 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-A9CC	UXJ21800	06/22/04	0927
02	VSTD010	50NG-CC	UXJ21801	06/22/04	0958
03	GJR33-CHK	GJR331AC	UXJ21802	06/22/04	1022
04	GJR33-CKDUP	GJR331AD	UXJ21803	06/22/04	1045
05	GJR33-BLK	GJR331AA	UXJ21805	06/22/04	1153
06	TB-01/061104	GH7NG1AA	UXJ21809	06/22/04	1327
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB677 BFB Injection Date: 05/27/04

Instrument ID: A3UX12 BFB Injection Time: 2107

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.2
75	30.0 - 60.0% of mass 95	45.3
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	0.2 (0.3)1
174	50.0 - 100.0% of mass 95	87.1
175	5.0 - 9.0% of mass 174	6.6 (7.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	84.9 (97.4)1
177	5.0 - 9.0% of mass 176	5.6 (6.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0.5	2.5NG-IC	UX126992	05/27/04	2205
02	VSTD001	5NG-IC	UX126993	05/27/04	2228
03	VSTD005	25NG-IC	UX126994	05/27/04	2251
04	VSTD010	50NG-IC	UX126995	05/27/04	2315
05	VSTD020	100NG-IC	UX126996	05/27/04	2338
06	VSTD050	250NG-IC	UX126997	05/28/04	0002
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB683 BFB Injection Date: 06/02/04

Instrument ID: A3UX12 BFB Injection Time: 1631

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.3 (0.4)1
174	50.0 - 100.0% of mass 95	88.4
175	5.0 - 9.0% of mass 174	6.4 (7.3)1
176	Greater than 95.0%, but less than 101.0% of mass 174	84.6 (95.7)1
177	5.0 - 9.0% of mass 176	6.4 (7.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-A9IC	UX127150	06/02/04	1724
02	VSTD020	100NG-A9IC	UX127151	06/02/04	1747
03	VSTD010	50NG-A9IC	UX127152	06/02/04	1809
04	VSTD005	25NG-A9IC	UX127153	06/02/04	1833
05	VSTD001	5NG-A9IC	UX127154	06/02/04	1856
06	VSTD0.5	2.5NG-A9IC	UX127155	06/02/04	1919
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB710 BFB Injection Date: 07/01/04

Instrument ID: A3UX12 BFB Injection Time: 1530

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	49.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 100.0% of mass 95	92.7
175	5.0 - 9.0% of mass 174	7.0 (7.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	90.4 (97.5)1
177	5.0 - 9.0% of mass 176	6.9 (7.6)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UX127845	07/01/04	1553
02	VSTD010	50NG-A9CC	UX127846	07/01/04	1616
03	GJPF8-BLK	GJPF81AA	UX127853	07/01/04	1859
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14220 BFB Injection Date: 05/28/04

Instrument ID: A3UX14 BFB Injection Time: 1438

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.3 (0.6)1
174	50.0 - 120.0% of mass 95	59.8
175	5.0 - 9.0% of mass 174	4.7 (7.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	60.0 (100.3)1
177	5.0 - 9.0% of mass 176	3.9 (6.5)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD200	1000NG-IC	143448	05/28/04	1523
02	VSTD100	500NG-IC	143449	05/28/04	1547
03	VSTD050	250NG-IC	143450	05/28/04	1612
04	VSTD020	100NG-IC	143451	05/28/04	1636
05	VSTD010	50NG-IC	143452	05/28/04	1701
06	VSTD005	25NG-IC	143453	05/28/04	1725
07	VSTD050	250NG-BRIC	143455	05/28/04	1814
08	VSTD030	150NG-BRIC	143456	05/28/04	1838
09	VSTD020	100NG-BRIC	143457	05/28/04	1903
10	VSTD015	75NG-BRIC	143458	05/28/04	1927
11	VSTD010	50NG-BRIC	143459	05/28/04	1952
12	VSTD005	25NG-BRIC	143460	05/28/04	2016
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14227 BFB Injection Date: 06/02/04

Instrument ID: A3UX14 BFB Injection Time: 0906

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.5
75	30.0 - 60.0% of mass 95	56.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	60.5
175	5.0 - 9.0% of mass 174	4.7 (7.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	59.6 (98.5)1
177	5.0 - 9.0% of mass 176	3.4 (5.7)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD200	1000NG-A9IC	143537	06/02/04	1039
02	VSTD100	500NG-A9IC	143538	06/02/04	1104
03	VSTD050	250NG-A9IC	143539	06/02/04	1128
04	VSTD020	100NG-A9IC	143540	06/02/04	1153
05	VSTD010	50NG-A9IC	143541	06/02/04	1217
06	VSTD005	25NG-A9IC	143542	06/02/04	1241
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14239 BFB Injection Date: 06/19/04

Instrument ID: A3UX14 BFB Injection Time: 1219

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.3 (0.6)1
174	50.0 - 120.0% of mass 95	54.8
175	5.0 - 9.0% of mass 174	4.8 (8.7)1
176	Greater than 95.0%, but less than 101.0% of mass 174	55.0 (100.3)1
177	5.0 - 9.0% of mass 176	3.8 (6.8)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	143834	06/19/04	1305
02	VSTD050	250NG-A9CC	143835	06/19/04	1329
03	GJPAT-CHK	GJPAT1AC	143836	06/19/04	1354
04	GJPAT-CKDUP	GJPAT1AD	143837	06/19/04	1418
05	GJPAT-BLK	GJPAT1AA	143838	06/19/04	1443
06	VE528/44-45/	GH7MV1AC	143855	06/19/04	2138
07	VE528/64-65/	GH7NE1AC	143858	06/19/04	2251
08	VE528/66.5-6	GH7NF1AC	143859	06/19/04	2315
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14244 BFB Injection Date: 06/22/04

Instrument ID: A3UX14 BFB Injection Time: 0810

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	54.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	57.8
175	5.0 - 9.0% of mass 174	4.1 (7.1)1
176	Greater than 95.0%, but less than 101.0% of mass 174	54.9 (95.0)1
177	5.0 - 9.0% of mass 176	4.3 (7.8)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	143892	06/22/04	0855
02	VSTD050	250NG-A9CC	143893	06/22/04	0920
03	GJTJG-CHK	GJTJG1AC	143894	06/22/04	0944
04	GJTJG-CHK	GJTJG1AD	143895	06/22/04	1009
05	GJTJG-BLK	GJTJG1AA	143896	06/22/04	1033
06	VE528/58-58.	GH7NC1AC	143918	06/22/04	1932
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14246 BFB Injection Date: 06/24/04

Instrument ID: A3UX14 BFB Injection Time: 1008

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.6
75	30.0 - 60.0% of mass 95	54.5
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 - 120.0% of mass 95	61.2
175	5.0 - 9.0% of mass 174	5.3 (8.7)1
176	Greater than 95.0%, but less than 101.0% of mass 174	59.9 (97.8)1
177	5.0 - 9.0% of mass 176	3.8 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	143950	06/24/04	1054
02	VSTD050	250NG-A9CC	143951	06/24/04	1118
03	GJ191-CHK	GJ1911AC	143952	06/24/04	1142
04	GJ191-CKDUP	GJ1911AD	143953	06/24/04	1207
05	GJ191-BLK	GJ1911AA	143954	06/24/04	1231
06	VE527/07.3-0	GJCAR1AC	143971	06/24/04	1927
07	VE527/12.5-1	GJCA51AC	143972	06/24/04	1952
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VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14248 BFB Injection Date: 06/25/04

Instrument ID: A3UX14 BFB Injection Time: 1546

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	48.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	74.4
175	5.0 - 9.0% of mass 174	5.6 (7.5)1
176	Greater than 95.0%, but less than 101.0% of mass 174	73.5 (98.9)1
177	5.0 - 9.0% of mass 176	5.3 (7.2)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	143979	06/25/04	1633
02	VSTD050	250NG-A9CC	143980	06/25/04	1657
03	GJ5XJ-CHK	GJ5XJ1AC	143981	06/25/04	1722
04	GJ5XJ-CKDUP	GJ5XJ1AD	143982	06/25/04	1746
05	GJ5XJ-BLK	GJ5XJ1AA	143983	06/25/04	1811
06	VE527/27-28/	GJCCD1AC	144000	06/26/04	0105
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5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID: BFB14249 BFB Injection Date: 06/28/04

Instrument ID: A3UX14 BFB Injection Time: 1029

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	66.1
175	5.0 - 9.0% of mass 174	5.4 (8.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	64.1 (97.0)1
177	5.0 - 9.0% of mass 176	4.1 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	250NG-CC	144008	06/28/04	1115
02	VSTD050	250NG-A9CC	144009	06/28/04	1139
03	VE527/02.1-0	GJA8Q1AC	144018	06/28/04	1518
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8A

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UX76899 Date Analyzed: 06/22/04

Instrument ID: A3UX7 Time Analyzed: 0811

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	815843	7.57	1080950	4.95	363462	9.79
	UPPER LIMIT	1631686	8.07	2161900	5.45	726924	10.29
	LOWER LIMIT	407922	7.07	540475	4.45	181731	9.29
	EPA SAMPLE NO.						
01	GJQ0J-CHK	845529	7.57	1127247	4.95	354052	9.79
02	GJQ0J-CKDUP	830672	7.57	1118385	4.95	347866	9.79
03	GJQ0J-BLK	791379	7.57	1021455	4.95	300104	9.79
04	TRIP BLANK/0	777017	7.57	1027731	4.96	303290	9.80
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

OA

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UX80400 Date Analyzed: 06/19/04

Instrument ID: A3UX8A Time Analyzed: 1354

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	582467	7.38	886486	4.88	211191	9.56
	UPPER LIMIT	1164934	7.88	1772972	5.38	422382	10.06
	LOWER LIMIT	291234	6.88	443243	4.38	105596	9.06
	EPA SAMPLE NO.						
01	GJPF8-CHK	636173	7.38	937472	4.88	236654	9.56
02	GJPF8-CKDUP	644345	7.38	971871	4.88	236392	9.56
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UX94000 Date Analyzed: 06/22/04

Instrument ID: A3UX9 Time Analyzed: 2023

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (DCB) AREA #	RT	IS3 (CBZ) AREA #	RT
	12 HOUR STD	926473	5.09	343240	9.98	661423	7.75
	UPPER LIMIT	1852946	5.59	686480	10.48	1322846	8.25
	LOWER LIMIT	463237	4.59	171620	9.48	330712	7.25
	EPA SAMPLE NO.						
01	GJV3L-CHK	912748	5.10	330353	9.98	660386	7.76
02	GJV3L-BLK	873837	5.10	307749	9.98	644287	7.76
03	GJV3L-CKDUP	904571	5.10	314268	9.98	650360	7.75
04	VE528/34-35/	715274	5.10	101059*	9.99	373720	7.75
05	VE528/54-55/	669281	5.10	50084*	9.98	262002*	7.75
06	VE528/56.7-5	782316	5.10	97363*	9.98	408444	7.75
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IS1 = Fluorobenzene
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

OA

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UX94041 Date Analyzed: 06/24/04

Instrument ID: A3UX9 Time Analyzed: 2019

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (DCB) AREA #	RT	IS3 (CBZ) AREA #	RT
	12 HOUR STD	1005029	5.10	359172	9.98	692323	7.75
	UPPER LIMIT	2010058	5.60	718344	10.48	1384646	8.25
	LOWER LIMIT	502515	4.60	179586	9.48	346162	7.25
	EPA SAMPLE NO.						
01	GJ325-CHK	996614	5.10	320232	9.98	683657	7.75
02	GJ325-BLK	952824	5.10	304346	9.98	660028	7.76
03	GJ325-CKDUP	966471	5.09	324485	9.99	673183	7.75
04	VE527/37-38/	935624	5.10	289001	9.98	642175	7.76
05	VE527/47-48/	829893	5.10	113240*	9.98	434791	7.76
06	VE527/53.5-5	942494	5.10	265986	9.98	617944	7.76
07	VE527/56.5-5	813250	5.09	110702*	9.99	419348	7.75
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IS1 = Fluorobenzene
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UXJ21801 Date Analyzed: 06/22/04

Instrument ID: A3UX11 Time Analyzed: 0958

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1124687	7.81	1521749	5.15	459791	10.05
	UPPER LIMIT	2249374	8.31	3043498	5.65	919582	10.55
	LOWER LIMIT	562344	7.31	760875	4.65	229896	9.55
	EPA SAMPLE NO.						
01	GJR33-CHK	1049078	7.81	1482565	5.15	377819	10.05
02	GJR33-CKDUP	1100348	7.81	1504144	5.15	443341	10.05
03	GJR33-BLK	1656706	7.81	2222863	5.15	636889	10.05
04	TB-01/061104	1097016	7.81	1472021	5.15	409328	10.05
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): UX127845 Date Analyzed: 07/01/04

Instrument ID: A3UX12 Time Analyzed: 1553

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	392085	6.90	504303	4.32	212252	9.11
	UPPER LIMIT	784170	7.40	1008606	4.82	424504	9.61
	LOWER LIMIT	196043	6.40	252152	3.82	106126	8.61
	EPA SAMPLE NO.						
01	GJPF8-BLK	399114	6.91	526726	4.32	216407	9.11
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): 143834 Date Analyzed: 06/19/04

Instrument ID: A3UX14 Time Analyzed: 1305

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	381489	7.20	660600	4.72	192645	9.37
	UPPER LIMIT	762978	7.70	1321200	5.22	385290	9.87
	LOWER LIMIT	190745	6.70	330300	4.22	96323	8.87
	EPA SAMPLE NO.						
01	GJPAT-CHK	398304	7.20	686724	4.72	187795	9.37
02	GJPAT-CKDUP	398661	7.20	693689	4.72	195354	9.37
03	GJPAT-BLK	366098	7.20	649317	4.72	160628	9.37
04	VE528/44-45/	330862	7.20	585373	4.73	145457	9.37
05	VE528/64-65/	308551	7.20	565631	4.72	124293	9.37
06	VE528/66.5-6	264446	7.20	539876	4.73	69891*	9.37
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

OA

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): 143892 Date Analyzed: 06/22/04

Instrument ID: A3UX14 Time Analyzed: 0855

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	452910	7.20	770349	4.72	230083	9.37
	UPPER LIMIT	905820	7.70	1540698	5.22	460166	9.87
	LOWER LIMIT	226455	6.70	385175	4.22	115042	8.87
	EPA SAMPLE NO.						
01	GJTJG-CHK	472139	7.20	807064	4.73	233167	9.37
02	GJTJG-CHK	453235	7.20	783333	4.72	213652	9.37
03	GJTJG-BLK	459776	7.20	794395	4.73	206105	9.37
04	VE528/58-58.	320094	7.20	729657	4.72	74289*	9.37
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): 143950 Date Analyzed: 06/24/04

Instrument ID: A3UX14 Time Analyzed: 1054

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	681345	7.20	1168731	4.72	347020	9.37
	UPPER LIMIT	1362690	7.70	2337462	5.22	694040	9.87
	LOWER LIMIT	340673	6.70	584366	4.22	173510	8.87
	EPA SAMPLE NO.						
01	GJ191-CHK	726611	7.20	1238923	4.72	347111	9.37
02	GJ191-CKDUP	721276	7.20	1244066	4.72	344560	9.37
03	GJ191-BLK	684180	7.20	1183321	4.72	297092	9.37
04	VE527/07.3-0	214556*	7.20	679719	4.72	33079*	9.37
05	VE527/12.5-1	190223*	7.20	587514	4.73	31174*	9.37
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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OA

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): 143979 Date Analyzed: 06/25/04

Instrument ID: A3UX14 Time Analyzed: 1633

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	661688	7.20	1145251	4.72	350969	9.37
	UPPER LIMIT	1323376	7.70	2290502	5.22	701938	9.87
	LOWER LIMIT	330844	6.70	572626	4.22	175485	8.87
	EPA SAMPLE NO.						
01	GJ5XJ-CHK	638587	7.20	1117792	4.72	313590	9.37
02	GJ5XJ-CKDUP	657334	7.20	1151404	4.72	315732	9.37
03	GJ5XJ-BLK	600610	7.20	1055816	4.73	264441	9.37
04	VE527/27-28/	629848	7.20	1196944	4.72	243251	9.37
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F12158

Lab File ID (Standard): 144008 Date Analyzed: 06/28/04

Instrument ID: A3UX14 Time Analyzed: 1115

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	689860	7.20	1166323	4.72	354278	9.37
	UPPER LIMIT	1379720	7.70	2332646	5.22	708556	9.87
	LOWER LIMIT	344930	6.70	583162	4.22	177139	8.87
	EPA SAMPLE NO.						
01	VE527/02.1-0	676580	7.20	1153498	4.72	306508	9.37
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IS1 (CBZ) = Chlorobenzene-d5
IS2 = Fluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

SEVERN TRENT STL

SAMPLE DATA

PAYNE FIRM INC.

Client Sample ID: VE528/34-35/061104

GC/MS Volatiles

Lot-Sample #...:	A4F120158-002	**Work Order #...:**	GH7MQ1AC	**Matrix.....:**	SO
Date Sampled...:	06/11/04 11:45	**Date Received..:**	06/12/04		
Prep Date.....:	06/22/04	**Analysis Date..:**	06/22/04		
Prep Batch #...:	4175475				
Dilution Factor:	0.81	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.7	ug/kg
1,2-Dichloroethene (total)	ND	9.4	ug/kg
3-Chloro-1-propene	ND	9.4	ug/kg
Isobutanol	ND	190	ug/kg
Acetone	ND	19	ug/kg
Acetonitrile	ND	94	ug/kg
Acrolein	ND	94	ug/kg
Acrylonitrile	ND	94	ug/kg
Benzene	ND	4.7	ug/kg
Bromodichloromethane	ND	4.7	ug/kg
Bromoform	ND	4.7	ug/kg
Bromomethane	ND	4.7	ug/kg
2-Butanone (MEK)	ND	19	ug/kg
Carbon disulfide	ND	4.7	ug/kg
Carbon tetrachloride	ND	4.7	ug/kg
Chlorobenzene	ND	4.7	ug/kg
Chloroprene	ND	4.7	ug/kg
Dibromochloromethane	ND	4.7	ug/kg
Chloroethane	ND	4.7	ug/kg
Chloroform	ND	4.7	ug/kg
Chloromethane	ND	4.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.4	ug/kg
1,2-Dibromoethane (EDB)	ND	4.7	ug/kg
Dibromomethane	ND	4.7	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.7	ug/kg
Dichlorodifluoromethane	ND	4.7	ug/kg
1,1-Dichloroethane	ND	4.7	ug/kg
1,2-Dichloroethane	ND	4.7	ug/kg
trans-1,2-Dichloroethene	ND	4.7	ug/kg
1,1-Dichloroethene	ND	4.7	ug/kg
1,2-Dichloropropane	ND	4.7	ug/kg
cis-1,3-Dichloropropene	ND	4.7	ug/kg
trans-1,3-Dichloropropene	ND	4.7	ug/kg
1,4-Dioxane	ND	240	ug/kg
Ethylbenzene	ND	4.7	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/34-35/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-002 **Work Order #...:** GH7MQ1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.7	ug/kg
2-Hexanone	ND	19	ug/kg
Iodomethane	ND	4.7	ug/kg
Methacrylonitrile	ND	4.7	ug/kg
Methylene chloride	ND	4.7	ug/kg
Methyl methacrylate	ND	4.7	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	19	ug/kg
Propionitrile	ND	19	ug/kg
Styrene	ND	4.7	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.7	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.7	ug/kg
Tetrachloroethene	ND	4.7	ug/kg
Toluene	ND	4.7	ug/kg
1,1,1-Trichloroethane	ND	4.7	ug/kg
1,1,2-Trichloroethane	ND	4.7	ug/kg
Trichloroethene	ND	4.7	ug/kg
Trichlorofluoromethane	ND	4.7	ug/kg
1,2,3-Trichloropropane	ND	4.7	ug/kg
Vinyl acetate	ND	9.4	ug/kg
Vinyl chloride	ND	4.7	ug/kg
Xylenes (total)	ND	9.4	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	52	(47 - 158)

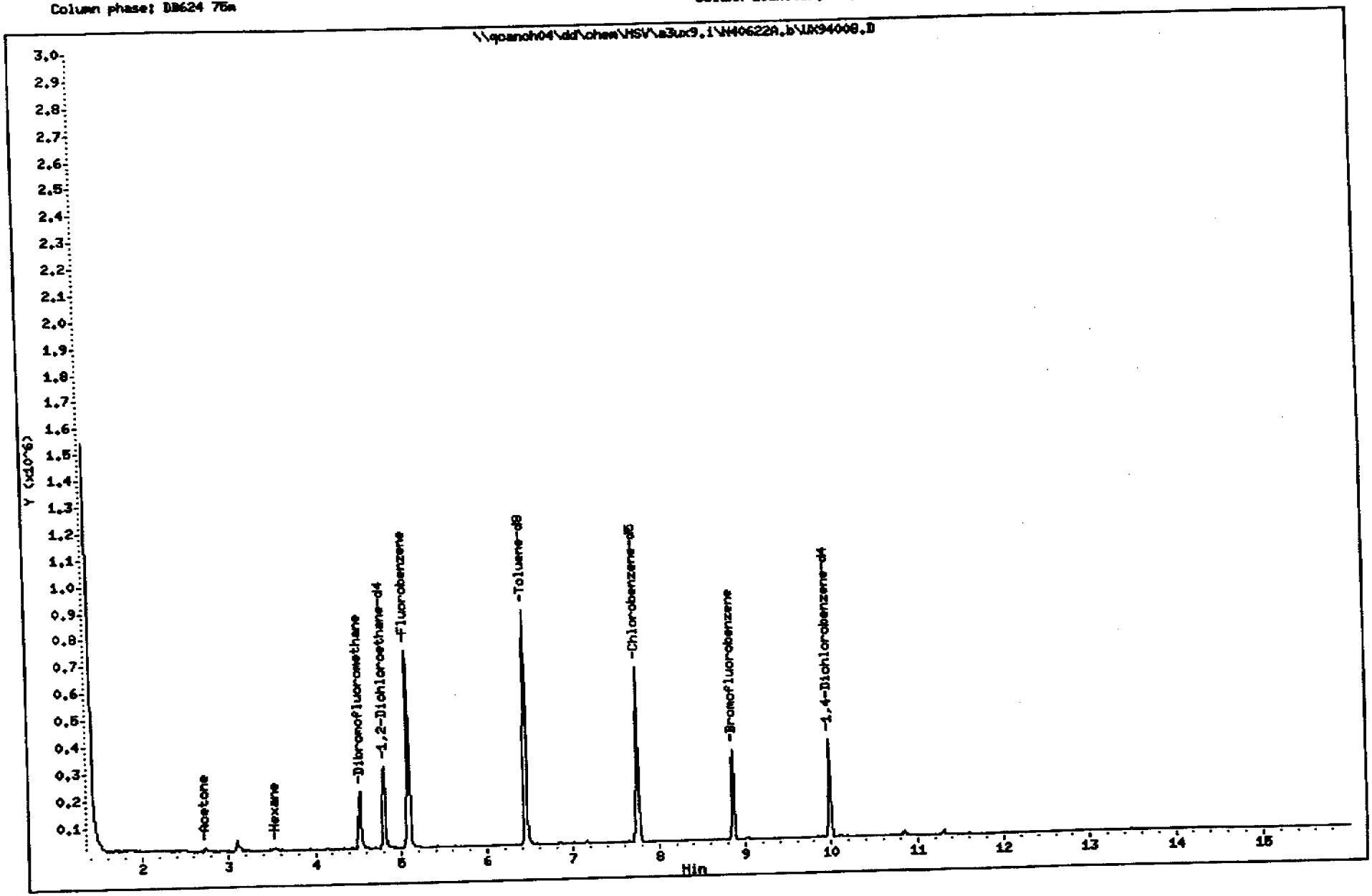
NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\NH40622A.b\UX94008.D
Date : 22-JUN-2004 23:41
Client ID: VE528/34-35/061104
Sample Info: GH7MQ1AC,6.2G/5ML
Purge Volume: 6.2
Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94008.D
Client Smp ID: VE528/34-35/061104
Lab Smp Id: GH7MQ1AC
Inj Date : 22-JUN-2004 23:41
Inst ID: a3ux9.i
Operator : 1819
Smp Info : GH7MQ1AC,6.2G/5ML
Misc Info : N40622A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels
Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13
Cal File: UX91491.D
Als bottle: 9
Dil Factor: 1.00000
Compound Sublist: 4-8260+A9.sub
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.200	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	5.098	5.085	(1.000)	715274	250.000	
* 2 Chlorobenzene-d5	117	7.749	7.747	(1.000)	373720	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.985	9.984	(1.000)	101059	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.814	4.813	(0.944)	210081	215.339	34.732
$ 5 Toluene-d8	98	6.447	6.446	(0.832)	594561	256.742	41.410
$ 6 Bromofluorobenzene	95	8.861	8.860	(1.144)	125298	129.153	20.831
$ 7 Dibromofluoromethane	113	4.530	4.529	(0.889)	147205	210.972	34.028
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Acrolein	56	Compound Not Detected.					
16 1,1-Dichloroethene	96	Compound Not Detected.					
15 Acetone	43	2.732	2.730	(0.536)	16829	21.4988	3.468
54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
56	Iodomethane	142	Compound Not Detected.					
18	Carbon Disulfide	76	Compound Not Detected.					
55	Acetonitrile	41	Compound Not Detected.					
17	Methylene Chloride	84	Compound Not Detected.					
19	Acrylonitrile	53	Compound Not Detected.					
78	Methyl tert-butyl ether	73	Compound Not Detected.					
84	Hexane	57	3.548	3.547	(0.696)	3734	2.21444	0.3572
21	Vinyl acetate	43	Compound Not Detected.					
22	1,1-Dichloroethane	63	Compound Not Detected.					
23	2-Butanone	43	Compound Not Detected.					
20	trans-1,2-Dichloroethene	96	Compound Not Detected.					
24	cis-1,2-dichloroethene	96	Compound Not Detected.					
M 25	1,2-Dichloroethene (total)	96	Compound Not Detected.					
86	2,2-Dichloropropane	77	Compound Not Detected.					
111	Bromochloromethane	128	Compound Not Detected.					
79	Tetrahydrofuran	42	Compound Not Detected.					
26	Chloroform	83	Compound Not Detected.					
27	1,1,1-Trichloroethane	97	Compound Not Detected.					
87	1,1-Dichloropropene	75	Compound Not Detected.					
28	Carbon Tetrachloride	117	Compound Not Detected.					
29	1,2-Dichloroethane	62	Compound Not Detected.					
30	Benzene	78	Compound Not Detected.					
31	Trichloroethene	130	Compound Not Detected.					
32	1,2-Dichloropropane	63	Compound Not Detected.					
63	1,4-Dioxane	88	Compound Not Detected.					
64	Dibromomethane	93	Compound Not Detected.					
33	Bromodichloromethane	83	Compound Not Detected.					
34	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
36	cis-1,3-Dichloropropene	75	Compound Not Detected.					
35	4-Methyl-2-pentanone	43	Compound Not Detected.					
37	Toluene	91	Compound Not Detected.					
38	trans-1,3-Dichloropropene	75	Compound Not Detected.					
65	Ethyl Methacrylate	69	Compound Not Detected.					
40	1,1,2-Trichloroethane	97	Compound Not Detected.					
88	1,3-Dichloropropane	76	Compound Not Detected.					
41	Tetrachloroethene	164	Compound Not Detected.					
39	2-Hexanone	43	Compound Not Detected.					
42	Dibromochloromethane	129	Compound Not Detected.					
66	1,2-Dibromoethane	107	Compound Not Detected.					
43	Chlorobenzene	112	Compound Not Detected.					
44	Ethylbenzene	106	Compound Not Detected.					
45	m + p-Xylene	106	Compound Not Detected.					
46	Xylene-o	106	Compound Not Detected.					
M 47	Xylenes (total)	106	Compound Not Detected.					
48	Styrene	104	Compound Not Detected.					
49	Bromoform	173	Compound Not Detected.					
89	Isopropylbenzene	105	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94008.D
Report Date: 23-Jun-2004 22:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\ohem\MSV\a3ux9.i\N40622A.b\UX94008.D

Date : 22-JUN-2004 23:41

Client ID: VE528/34-35/061104

Sample Info: GH7HQ1AC,6.2G/5ML

Purge Volume: 6.2

Column phase: DB624 75m

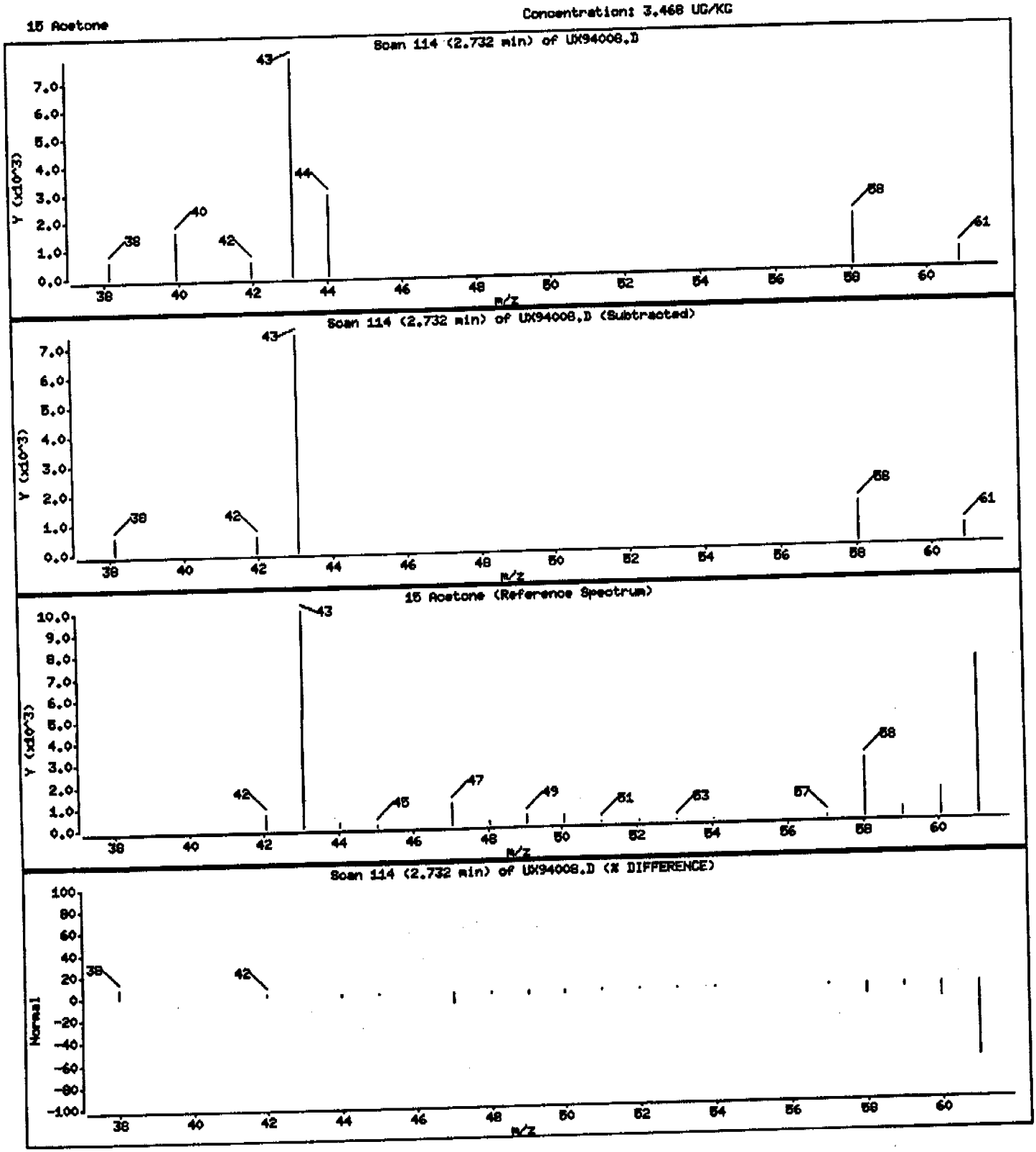
Instrument: a3ux9.i

Operator: 1019

Column diameter: 0.53

Concentration: 3.468 UG/KG

15 Acetone



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Date : 22-JUN-2004 23:41

Client ID: VE528/34-35/061104

Sample Info: CH7HQ1AC,6.2G/5ML

Purge Volume: 6.2

Column phase: DB624 75m

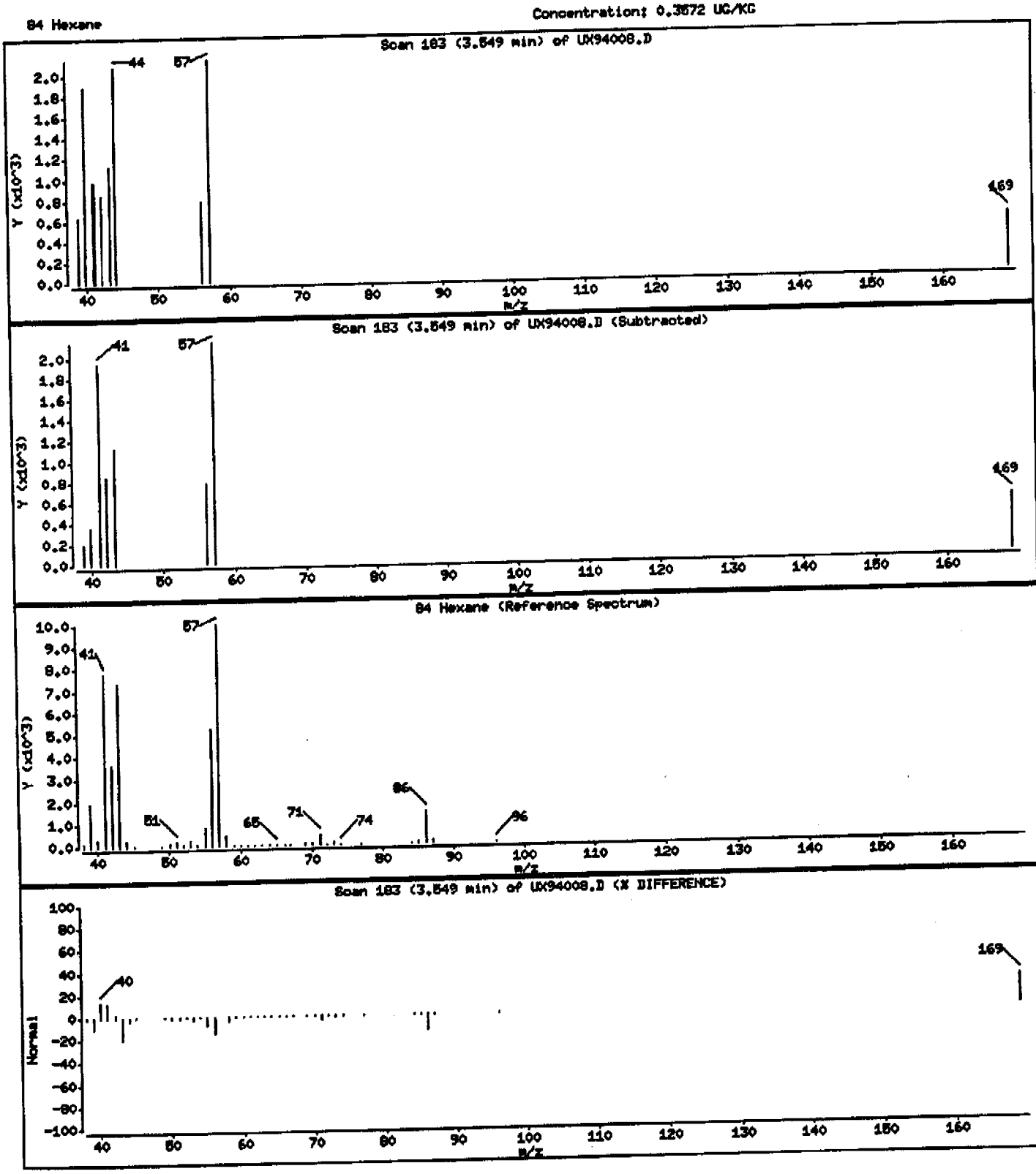
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.3672 UG/KG

84 Hexane



PAYNE FIRM INC.

Client Sample ID: VE528/44-45/061104

GC/MS Volatiles

Lot-Sample #...:	A4F120158-003	**Work Order #...:**	GH7MV1AC	**Matrix.....:**	SO
Date Sampled...:	06/11/04 12:10	**Date Received..:**	06/12/04		
Prep Date.....:	06/19/04	**Analysis Date..:**	06/19/04		
Prep Batch #...:	4173408				
Dilution Factor:	0.82	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloroethene (total)	ND	9.5	ug/kg
3-Chloro-1-propene	ND	9.5	ug/kg
Isobutanol	ND	190	ug/kg
Acetone	ND	19	ug/kg
Acetonitrile	ND	95	ug/kg
Acrolein	ND	95	ug/kg
Acrylonitrile	ND	95	ug/kg
Benzene	ND	4.8	ug/kg
Bromodichloromethane	ND	4.8	ug/kg
Bromoform	ND	4.8	ug/kg
Bromomethane	ND	4.8	ug/kg
2-Butanone (MEK)	ND	19	ug/kg
Carbon disulfide	ND	4.8	ug/kg
Carbon tetrachloride	ND	4.8	ug/kg
Chlorobenzene	ND	4.8	ug/kg
Chloroprene	ND	4.8	ug/kg
Dibromochloromethane	ND	4.8	ug/kg
Chloroethane	ND	4.8	ug/kg
Chloroform	ND	4.8	ug/kg
Chloromethane	ND	4.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.5	ug/kg
1,2-Dibromoethane (EDB)	ND	4.8	ug/kg
Dibromomethane	ND	4.8	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.8	ug/kg
Dichlorodifluoromethane	ND	4.8	ug/kg
1,1-Dichloroethane	ND	4.8	ug/kg
1,2-Dichloroethane	ND	4.8	ug/kg
trans-1,2-Dichloroethene	ND	4.8	ug/kg
1,1-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloropropane	ND	4.8	ug/kg
cis-1,3-Dichloropropene	ND	4.8	ug/kg
trans-1,3-Dichloropropene	ND	4.8	ug/kg
1,4-Dioxane	ND	240	ug/kg
Ethylbenzene	ND	4.8	ug/kg

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PAYNE FIRM INC.

Client Sample ID: VE528/44-45/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-003 **Work Order #...:** GH7MV1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.8	ug/kg
2-Hexanone	ND	19	ug/kg
Iodomethane	ND	4.8	ug/kg
Methacrylonitrile	ND	4.8	ug/kg
Methylene chloride	**2.3 J,B**	**4.8**	**ug/kg**
Methyl methacrylate	ND	4.8	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	19	ug/kg
Propionitrile	ND	19	ug/kg
Styrene	ND	4.8	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.8	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.8	ug/kg
Tetrachloroethene	ND	4.8	ug/kg
Toluene	ND	4.8	ug/kg
1,1,1-Trichloroethane	ND	4.8	ug/kg
1,1,2-Trichloroethane	ND	4.8	ug/kg
Trichloroethene	ND	4.8	ug/kg
Trichlorofluoromethane	ND	4.8	ug/kg
1,2,3-Trichloropropane	ND	4.8	ug/kg
Vinyl acetate	ND	9.5	ug/kg
Vinyl chloride	ND	4.8	ug/kg
Xylenes (total)	ND	9.5	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(59 - 138)
1,2-Dichloroethane-d4	109	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	88	(47 - 158)

NOTE(S):

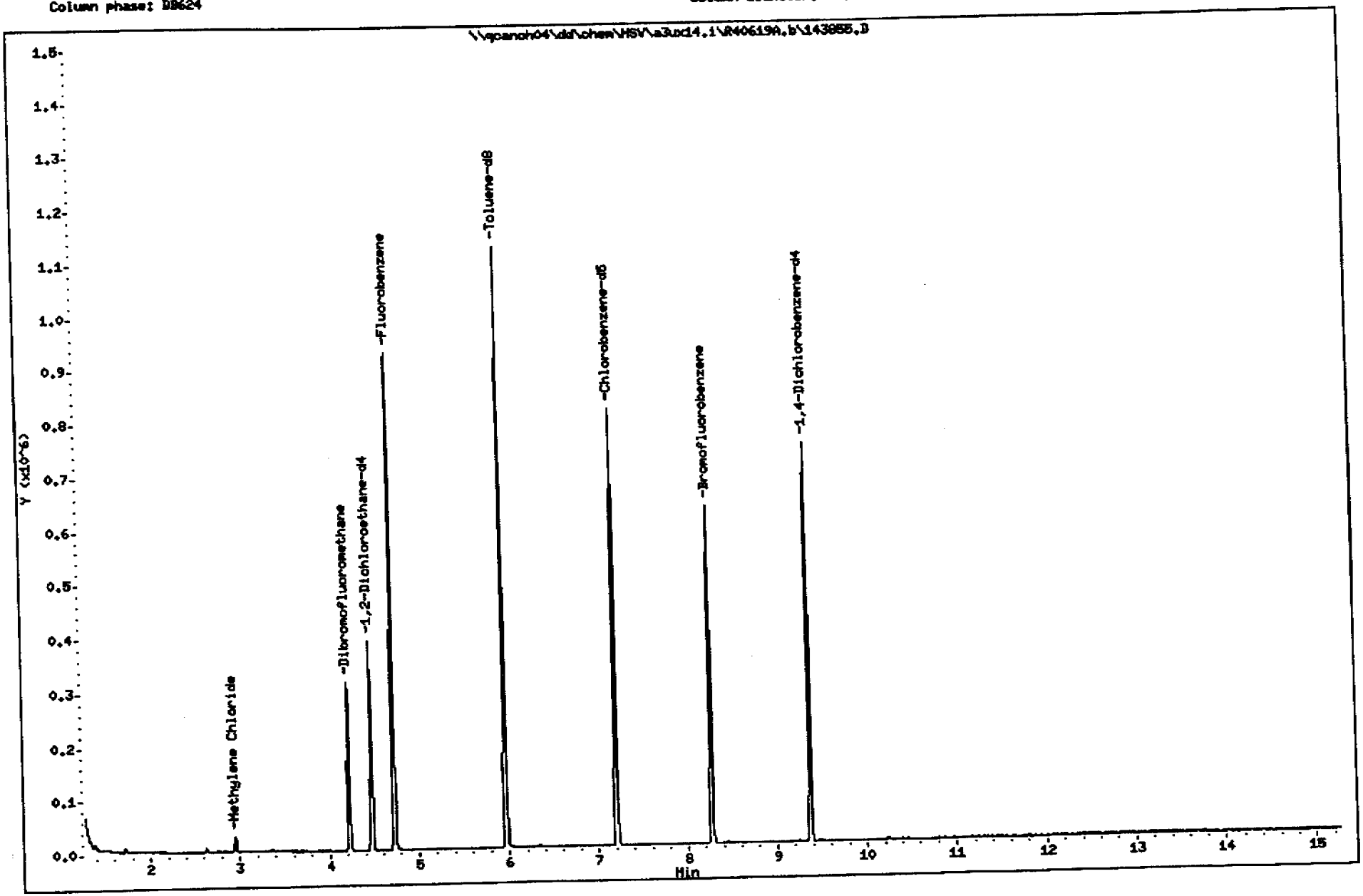
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ud14.i\R406190.b\143855.D
Date : 19-JUN-2004 21:38
Client ID: VE528/44-45/061104
Sample Info: CH7MW1AC,6.1G/5ML
Purge Volume: 6.1
Column phase: DB624

Instrument: a3ud14.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143855.D
Report Date: 21-Jun-2004 13:40

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143855.D
Lab Smp Id: GH7MV1AC Client Smp ID: VE528/44-45/061104
Inj Date : 19-JUN-2004 21:38
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GH7MV1AC,6.1G/5ML
Misc Info : R40619A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 21-Jun-2004 13:27 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.100	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.728	4.722	(1.000)	585373	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	330862	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	145457	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.892)	138609	276.925	45.398
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	211310	272.278	44.636
$	6 Toluene-d8	98	5.963	5.963	(0.828)	583068	256.347	42.024
$	7 Bromofluorobenzene	95	8.268	8.269	(1.148)	183983	220.048	36.073
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143855.D
Report Date: 21-Jun-2004 13:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	Compound Not Detected.					
21	Methylene Chloride	84	2.951	2.951	(0.624)	8669	12.2644	2.010
22	Acetonitrile	41	Compound Not Detected.					
23	Acrylonitrile	53	Compound Not Detected.					
24	Methyl tert-butyl ether	73	Compound Not Detected.					
25	trans-1,2-Dichloroethene	96	Compound Not Detected.					
26	Hexane	86	Compound Not Detected.					
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	Compound Not Detected.					
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	Compound Not Detected.					
M 31	1,2-Dichloroethene (total)	96	Compound Not Detected.					
32	cis-1,2-dichloroethene	96	Compound Not Detected.					
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	Compound Not Detected.					
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	Compound Not Detected.					
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	Compound Not Detected.					
40	1,2-Dichloroethane	62	Compound Not Detected.					
41	Benzene	78	Compound Not Detected.					
42	Trichloroethene	130	Compound Not Detected.					
43	1,2-Dichloropropane	63	Compound Not Detected.					
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	Compound Not Detected.					
47	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
48	cis-1,3-Dichloropropene	75	Compound Not Detected.					
49	4-Methyl-2-pentanone	43	Compound Not Detected.					
50	Toluene	91	Compound Not Detected.					
51	trans-1,3-Dichloropropene	75	Compound Not Detected.					
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	Compound Not Detected.					
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	Compound Not Detected.					
56	2-Hexanone	43	Compound Not Detected.					
57	Dibromochloromethane	129	Compound Not Detected.					
58	1,2-Dibromoethane	107	Compound Not Detected.					
59	Chlorobenzene	112	Compound Not Detected.					
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	Compound Not Detected.					
62	m + p-Xylene	106	Compound Not Detected.					
M 63	Xylenes (total)	106	Compound Not Detected.					
64	Xylene-o	106	Compound Not Detected.					
65	Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143855.D
Report Date: 21-Jun-2004 13:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66	Bromoform	173	Compound Not Detected.					
67	Isopropylbenzene	105	Compound Not Detected.					
68	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
70	1,2,3-Trichloropropane	110	Compound Not Detected.					
71	Bromobenzene	156	Compound Not Detected.					
72	n-Propylbenzene	120	Compound Not Detected.					
73	2-Chlorotoluene	126	Compound Not Detected.					
74	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75	4-Chlorotoluene	126	Compound Not Detected.					
76	tert-Butylbenzene	119	Compound Not Detected.					
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78	sec-Butylbenzene	105	Compound Not Detected.					
79	4-Isopropyltoluene	119	Compound Not Detected.					
80	1,3-Dichlorobenzene	146	Compound Not Detected.					
81	1,4-Dichlorobenzene	146	Compound Not Detected.					
82	n-Butylbenzene	91	Compound Not Detected.					
83	1,2-Dichlorobenzene	146	Compound Not Detected.					
84	1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86	Hexachlorobutadiene	225	Compound Not Detected.					
87	Naphthalene	128	Compound Not Detected.					
88	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14	Dichlorofluoromethane	67	Compound Not Detected.					
89	Ethyl Ether	59	Compound Not Detected.					
91	3-Chloropropene	76	Compound Not Detected.					
92	Isopropyl Ether	87	Compound Not Detected.					
93	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94	Propionitrile	54	Compound Not Detected.					
95	Ethyl Acetate	43	Compound Not Detected.					
96	Methacrylonitrile	41	Compound Not Detected.					
97	Isobutanol	41	Compound Not Detected.					
99	n-Butanol	56	Compound Not Detected.					
100	Methyl Methacrylate	41	Compound Not Detected.					
101	2-Nitropropane	41	Compound Not Detected.					
103	Cyclohexanone	55	Compound Not Detected.					
98	Cyclohexane	56	Compound Not Detected.					
143	Methyl Acetate	43	Compound Not Detected.					
144	Methylcyclohexane	83	Compound Not Detected.					
141	1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40619A.b\143855.D

Date : 19-JUN-2004 21:38

Client ID: VE528/44-45/061104

Sample Info: GH7MV1AC,6.1G/5ML

Purge Volume: 6.1

Column phase: DB624

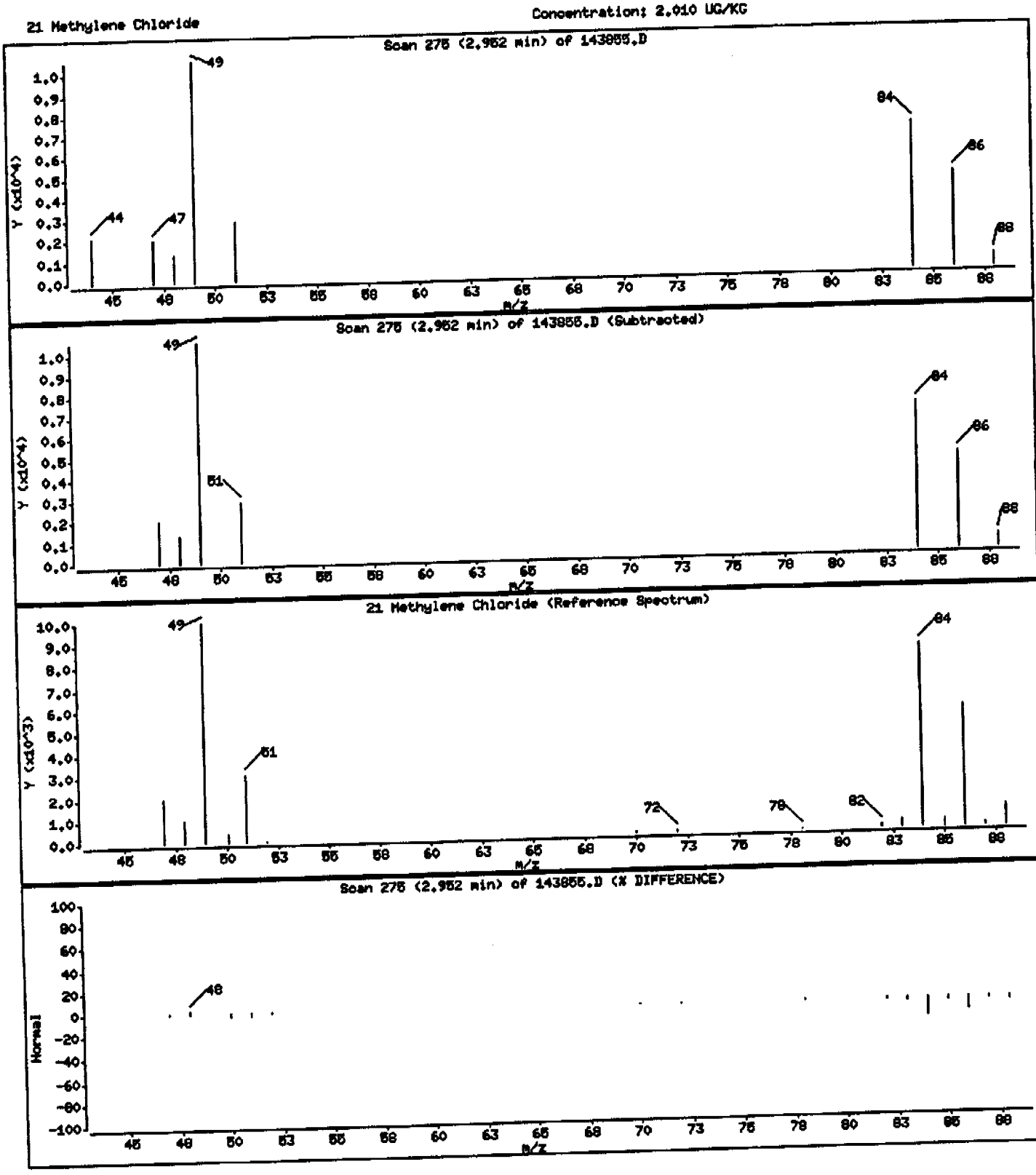
Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18

Concentration: 2.010 UG/KG

21 Methylene Chloride



PAYNE FIRM INC.

Client Sample ID: VE528/54-55/061104

GC/MS Volatiles

Lot-Sample #...:	A4F120158-005	**Work Order #...:**	GH7M51AC	**Matrix.....:**	SO
Date Sampled...:	06/11/04 12:45	**Date Received..:**	06/12/04		
Prep Date.....:	06/23/04	**Analysis Date..:**	06/23/04		
Prep Batch #...:	4175475				
Dilution Factor:	0.94	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	8.3	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloroethene (total)	ND	10	ug/kg
3-Chloro-1-propene	ND	10	ug/kg
Isobutanol	ND	200	ug/kg
Acetone	**8.8 J**	**20**	**ug/kg**
Acetonitrile	ND	100	ug/kg
Acrolein	ND	100	ug/kg
Acrylonitrile	ND	100	ug/kg
Benzene	ND	5.1	ug/kg
Bromodichloromethane	ND	5.1	ug/kg
Bromoform	ND	5.1	ug/kg
Bromomethane	ND	5.1	ug/kg
2-Butanone (MEK)	**1.5 J**	**20**	**ug/kg**
Carbon disulfide	**1.6 J**	**5.1**	**ug/kg**
Carbon tetrachloride	ND	5.1	ug/kg
Chlorobenzene	ND	5.1	ug/kg
Chloroprene	ND	5.1	ug/kg
Dibromochloromethane	ND	5.1	ug/kg
Chloroethane	ND	5.1	ug/kg
Chloroform	ND	5.1	ug/kg
Chloromethane	ND	5.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg
Dibromomethane	ND	5.1	ug/kg
trans-1,4-Dichloro-2-butene	ND	5.1	ug/kg
Dichlorodifluoromethane	ND	5.1	ug/kg
1,1-Dichloroethane	ND	5.1	ug/kg
1,2-Dichloroethane	ND	5.1	ug/kg
trans-1,2-Dichloroethene	ND	5.1	ug/kg
1,1-Dichloroethene	ND	5.1	ug/kg
1,2-Dichloropropane	ND	5.1	ug/kg
cis-1,3-Dichloropropene	ND	5.1	ug/kg
trans-1,3-Dichloropropene	ND	5.1	ug/kg
1,4-Dioxane	ND	260	ug/kg
Ethylbenzene	ND	5.1	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/54-55/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-005 **Work Order #...:** GH7M51AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	5.1	ug/kg
2-Hexanone	ND	20	ug/kg
Iodomethane	ND	5.1	ug/kg
Methacrylonitrile	ND	5.1	ug/kg
Methylene chloride	ND	5.1	ug/kg
Methyl methacrylate	ND	5.1	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg
Propionitrile	ND	20	ug/kg
Styrene	ND	5.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg
Tetrachloroethene	ND	5.1	ug/kg
Toluene	**0.70 J**	**5.1**	**ug/kg**
1,1,1-Trichloroethane	ND	5.1	ug/kg
1,1,2-Trichloroethane	ND	5.1	ug/kg
Trichloroethene	ND	5.1	ug/kg
Trichlorofluoromethane	ND	5.1	ug/kg
1,2,3-Trichloropropane	ND	5.1	ug/kg
Vinyl acetate	ND	10	ug/kg
Vinyl chloride	ND	5.1	ug/kg
Xylenes (total)	ND	10	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	123	(60 - 143)
4-Bromofluorobenzene	43 *	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

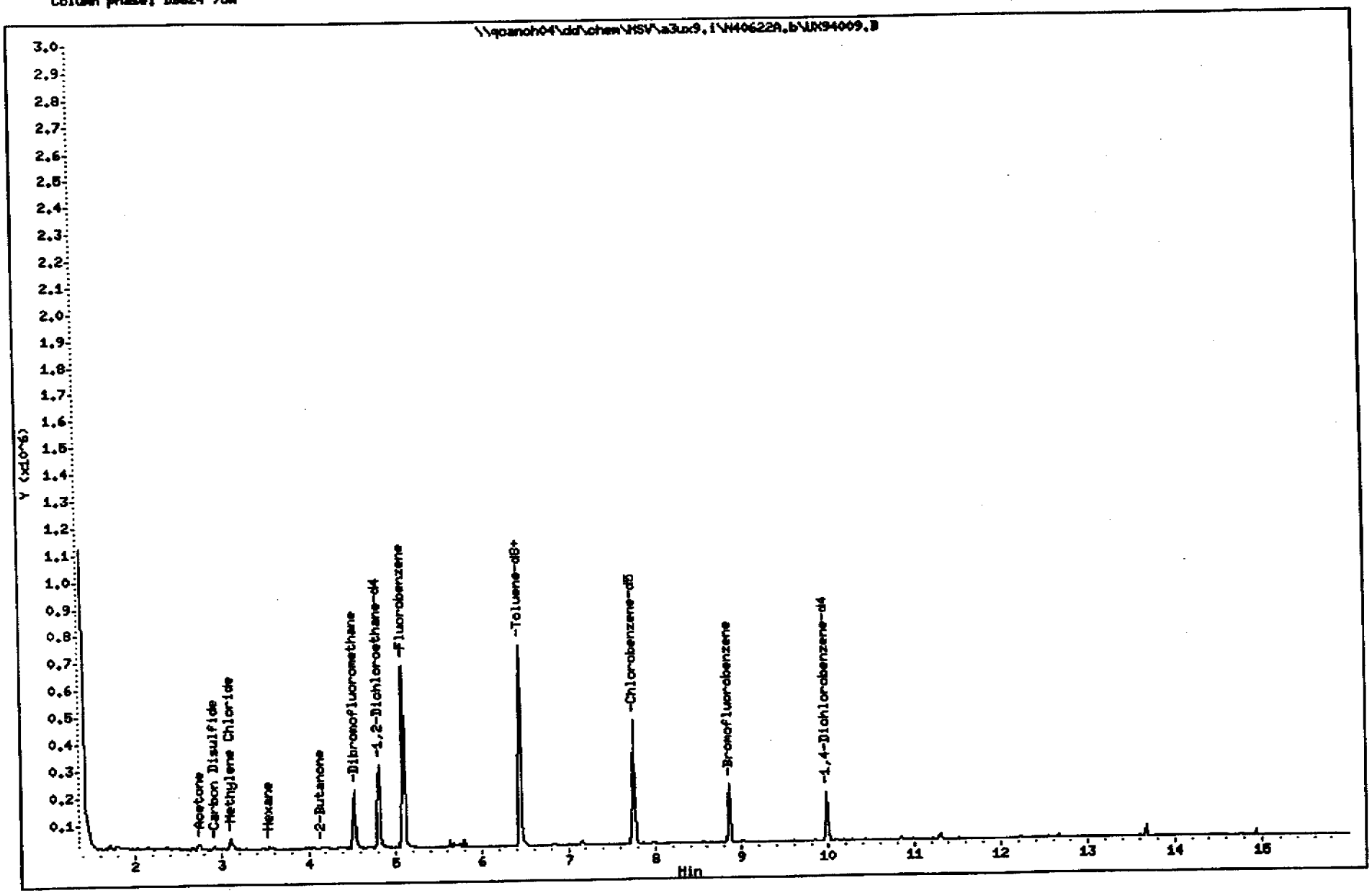
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Data File: \\qcanch04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94009.B
Date : 23-JUN-2004 00:06
Client ID: VE528/54-55/061104
Sample Info: GH7N61AC,5.3G/5ML
Purge Volume: 5.3
Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94009.D
Lab Smp Id: GH7M51AC Client Smp ID: VE528/54-55/061104
Inj Date : 23-JUN-2004 00:06 Inst ID: a3ux9.i
Operator : 1819
Smp Info : GH7M51AC,5.3G/5ML
Misc Info : N40622A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 10
Dil Factor: 1.00000 Compound Sublist: 4-8260+A9.sub
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.300	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	5.097	5.085	(1.000)	669281	250.000	
* 2 Chlorobenzene-d5	117	7.748	7.747	(1.000)	262002	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	50084	250.000	
# 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	202866	222.233	41.931
# 5 Toluene-d8	98	6.446	6.446	(0.832)	496278	308.588	58.224
$ 6 Bromofluorobenzene	95	8.860	8.860	(1.144)	75821	108.107	20.398(R)
# 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	146052	223.704	42.208
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Acrolein	56	Compound Not Detected.					
16 1,1-Dichloroethene	96	Compound Not Detected.					
15 Acetone	43	2.743	2.730	(0.538)	31327	42.7699	8.070
54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	2.920	2.920	(0.573)	19346	7.64721	1.443
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	3.098	3.097	(0.608)	19167	3.09416	0.5838
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	3.559	3.547	(0.698)	2707	1.71570	0.3237
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	4.139	4.126	(0.812)	6044	7.08957	1.338
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	Compound Not Detected.					
	37 Toluene	91	6.505	6.505	(0.840)	6529	3.38768	0.6392
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	Compound Not Detected.					
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	89 Isopropylbenzene	105	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94009.D
Report Date: 23-Jun-2004 22:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94009.D

Date : 23-JUN-2004 00:06

Client ID: VE528/64-68/061104

Sample Info: GH7M51AC,5.3G/5ML

Purge Volume: 5.3

Column phase: DB624 75m

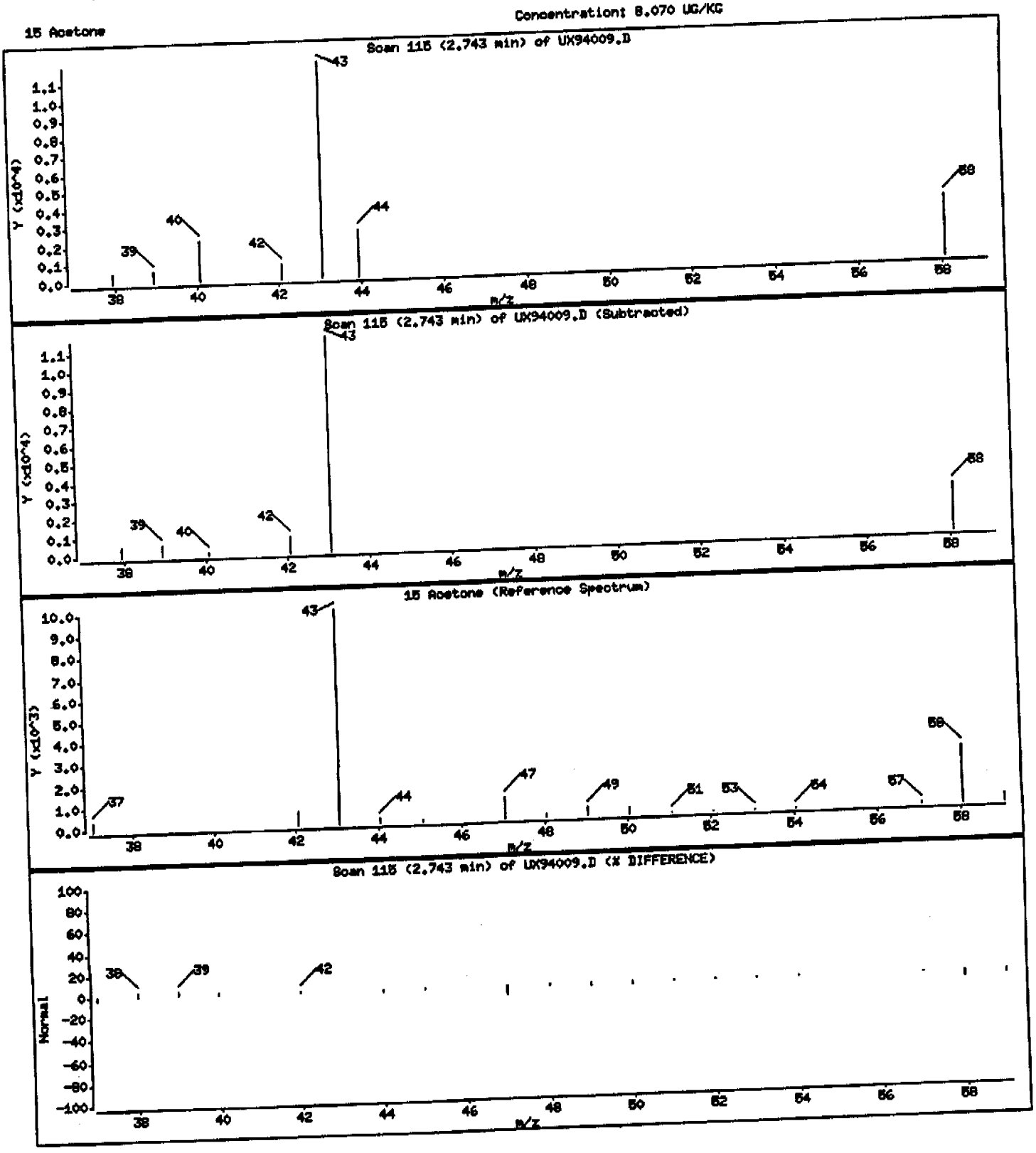
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 8.070 UG/KG

15 Acetone



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Date : 23-JUN-2004 00:06

Client ID: VE528/54-55/061104

Sample Info: GH7H51AC,5.3C/5ML

Purge Volume: 5.3

Column phase: DB624 75m

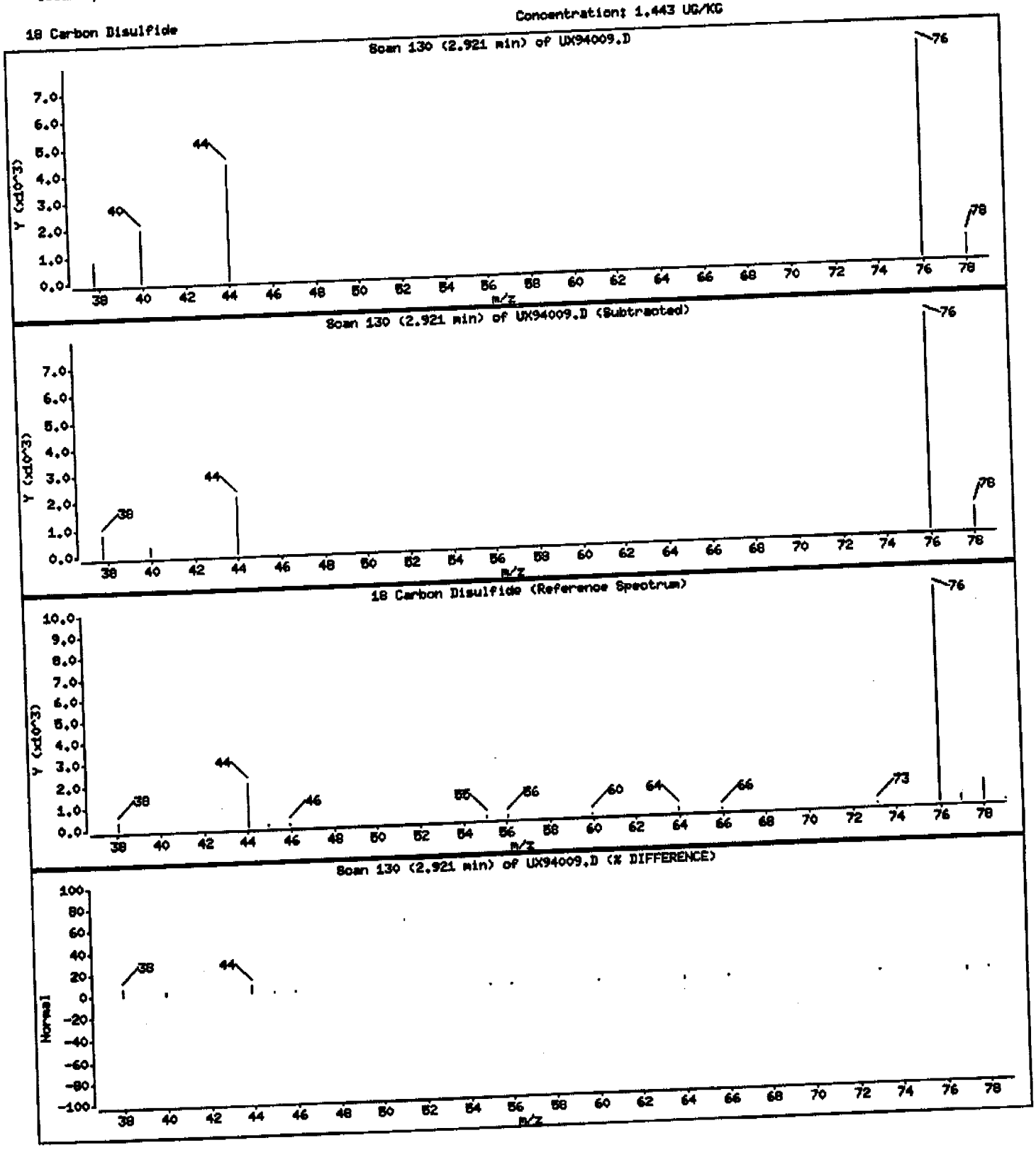
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 1.443 UG/KG

18 Carbon Disulfide



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Date : 23-JUN-2004 00:06

Client ID: VE528/54-55/061104

Sample Info: GH7M51AC,5.3G/5ML

Purge Volume: 5.3

Column phase: DB624 75m

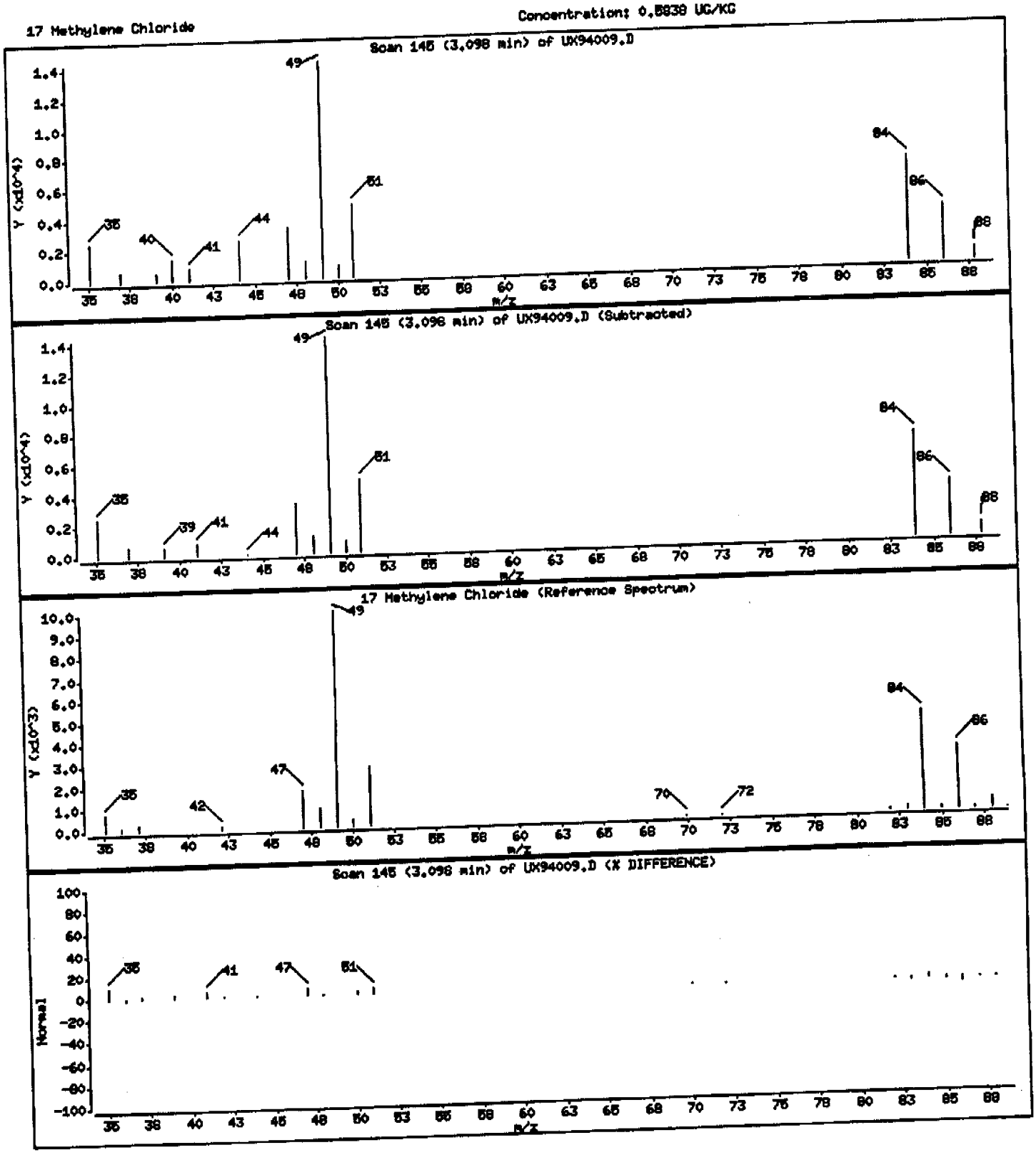
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.5838 UG/KG

17 Methylene Chloride



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Date : 23-JUN-2004 00:06

Client ID: VE628/64-65/061104

Sample Info: GH7M61AC,5.3G/5HL

Purge Volume: 5.3

Column phase: DB624 75m

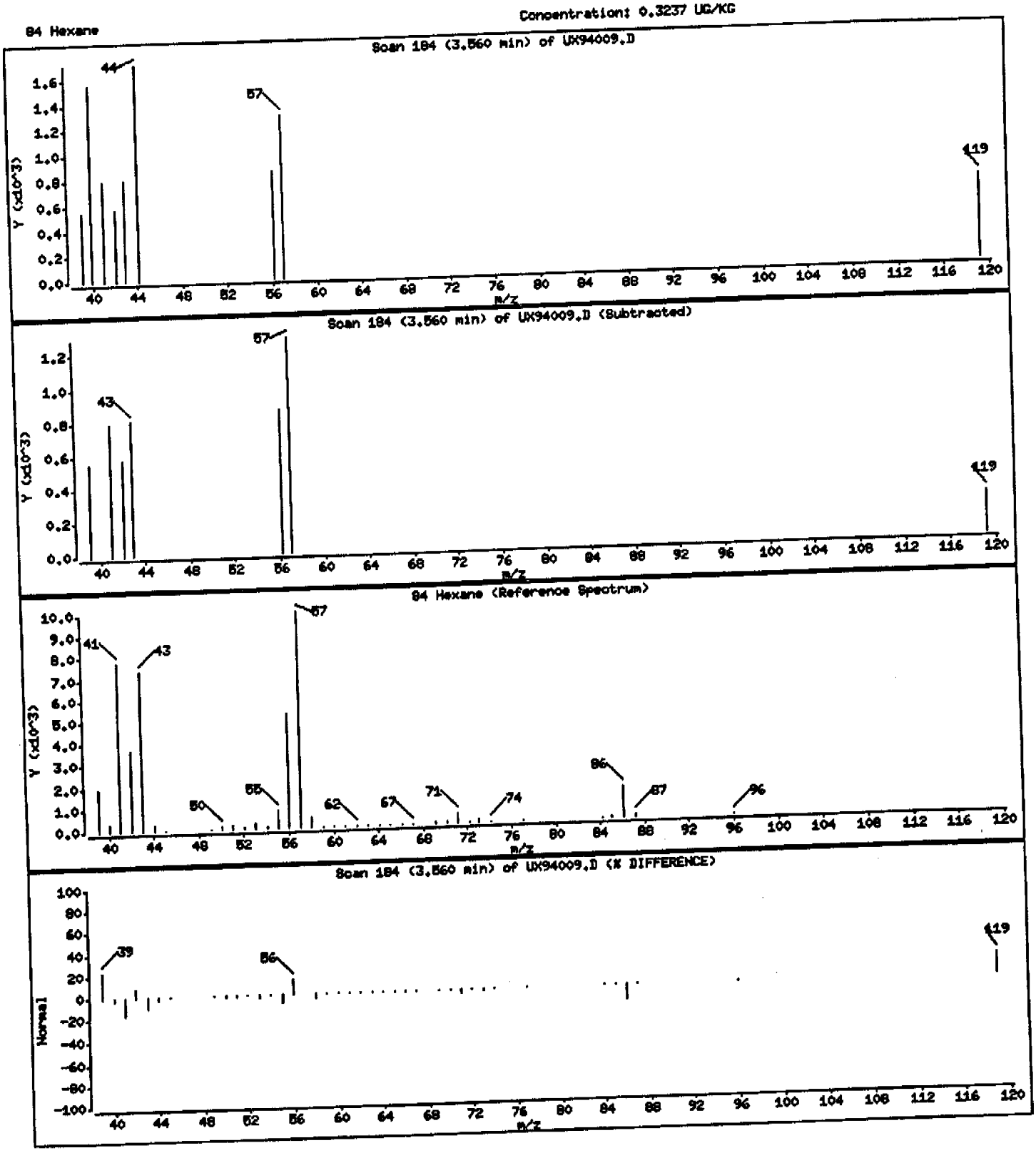
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.3237 UG/KG

84 Hexane



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Date : 23-JUN-2004 00:06

Client ID: VE528/64-65/061104

Sample Info: GH7M51AC,5.3G/5ML

Purge Volume: 5.3

Column phase: DB624 75m

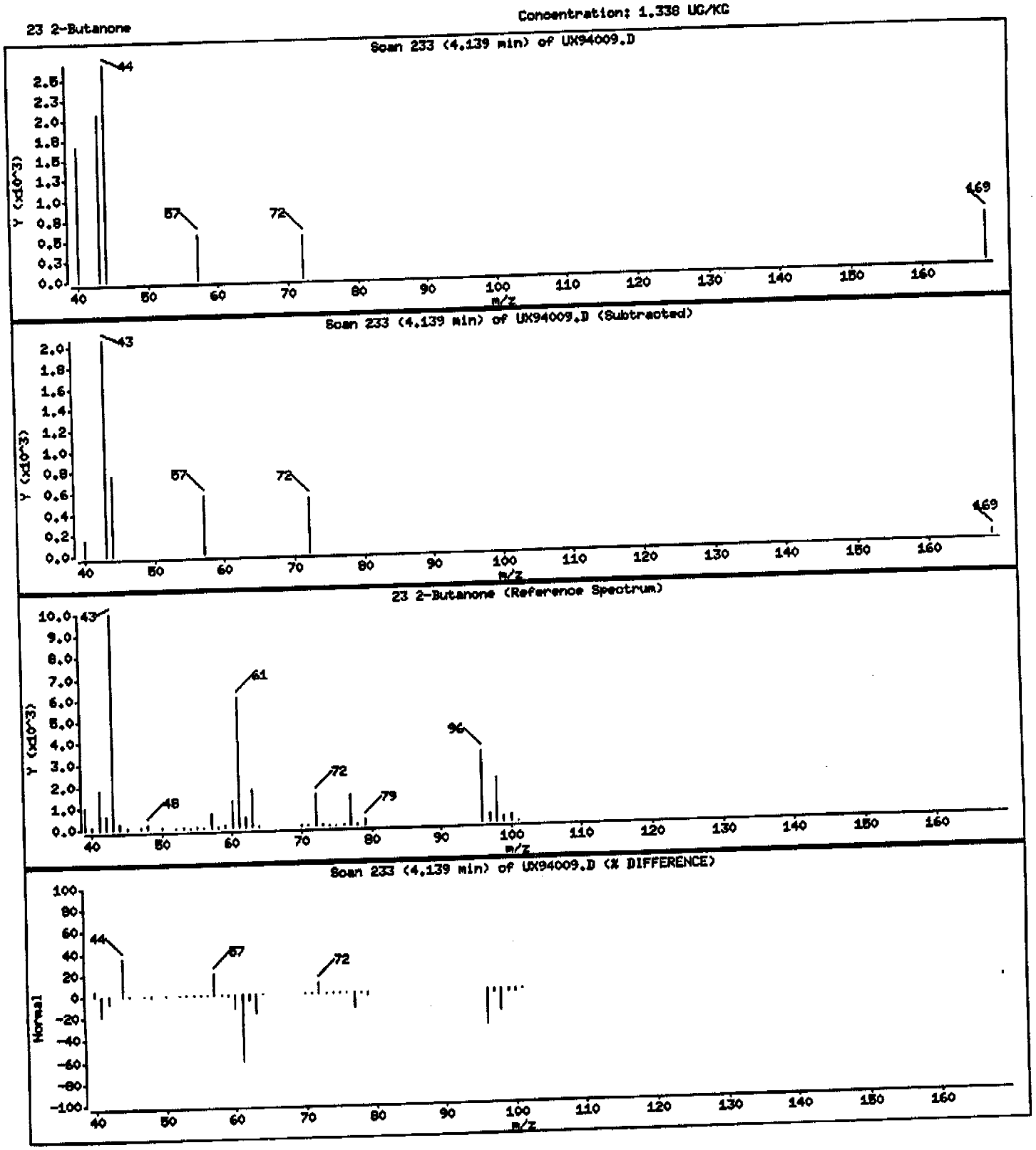
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 1.338 UG/KG

23 2-Butanone



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Date : 23-JUN-2004 00:06

Client ID: VE528/54-55/061104

Sample Info: GH7M51AC,5.3G/5ML

Purge Volume: 5.3

Column phase: DB624 75m

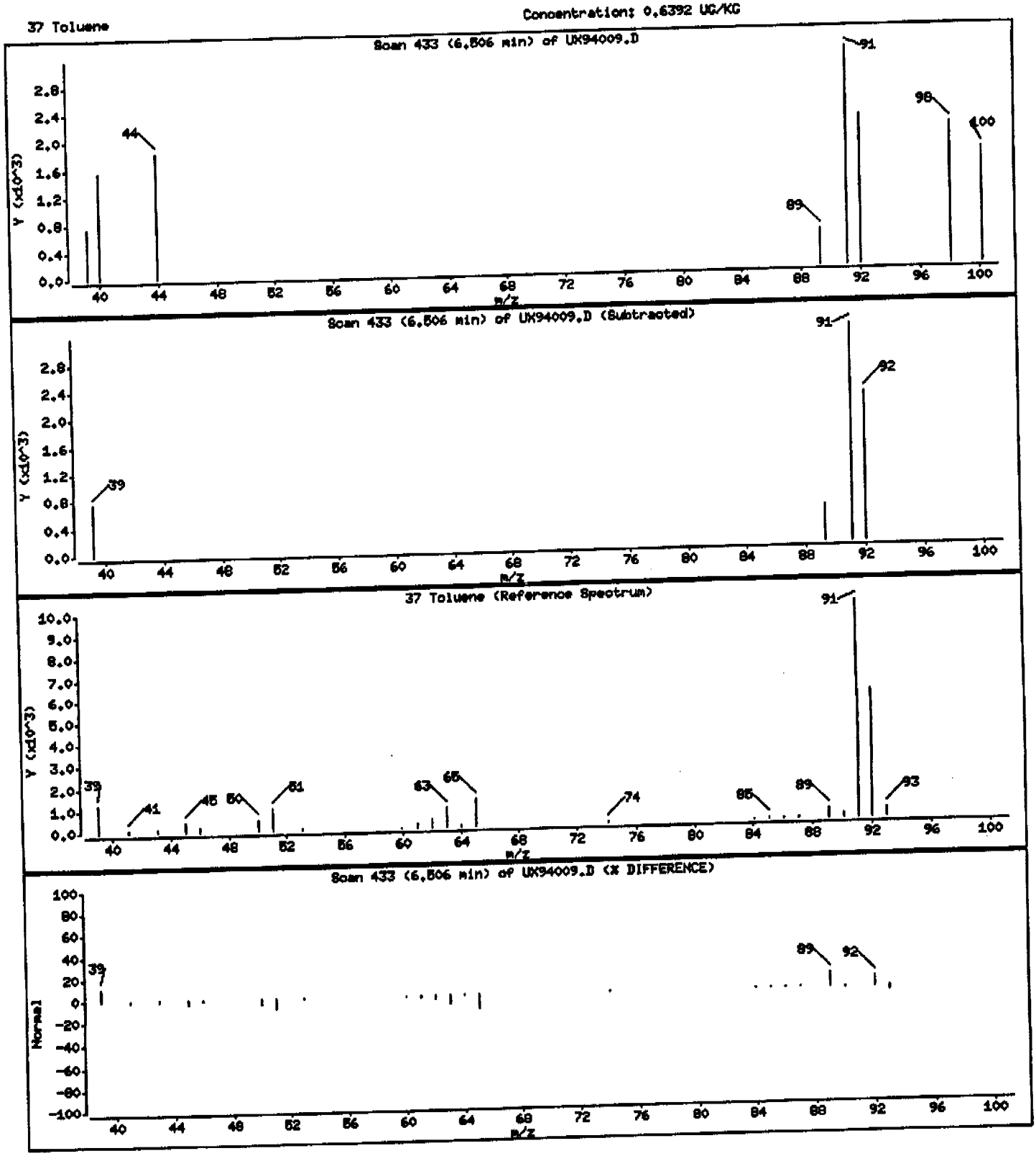
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.6392 UG/KG

37 Toluene



PAYNE FIRM INC.

Client Sample ID: VE528/56.7-57.4/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-007 **Work Order #...:** GH7M91AC **Matrix.....:** SO
Date Sampled...: 06/11/04 12:55 **Date Received..:** 06/12/04
Prep Date.....: 06/23/04 **Analysis Date..:** 06/23/04
Prep Batch #...: 4175475
Dilution Factor: 1.25 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 1.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloroethene (total)	ND	13	ug/kg
3-Chloro-1-propene	ND	13	ug/kg
Isobutanol	ND	250	ug/kg
Acetone	**12 J**	**25**	**ug/kg**
Acetonitrile	ND	130	ug/kg
Acrolein	ND	130	ug/kg
Acrylonitrile	ND	130	ug/kg
Benzene	**0.59 J**	**6.3**	**ug/kg**
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone (MEK)	**3.8 J**	**25**	**ug/kg**
Carbon disulfide	**2.0 J**	**6.3**	**ug/kg**
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroprene	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	13	ug/kg
1,2-Dibromoethane (EDB)	ND	6.3	ug/kg
Dibromomethane	ND	6.3	ug/kg
trans-1,4-Dichloro-2-butene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
1,4-Dioxane	ND	320	ug/kg
Ethylbenzene	ND	6.3	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/56.7-57.4/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-007 **Work Order #...:** GH7M91AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	6.3	ug/kg
2-Hexanone	ND	25	ug/kg
Iodomethane	ND	6.3	ug/kg
Methacrylonitrile	ND	6.3	ug/kg
Methylene chloride	ND	6.3	ug/kg
Methyl methacrylate	ND	6.3	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	25	ug/kg
Propionitrile	ND	25	ug/kg
Styrene	ND	6.3	ug/kg
1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
Toluene	**1.1 J**	**6.3**	**ug/kg**
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,2,3-Trichloropropane	ND	6.3	ug/kg
Vinyl acetate	ND	13	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
Toluene-d8	106	(60 - 143)
4-Bromofluorobenzene	51	(47 - 158)

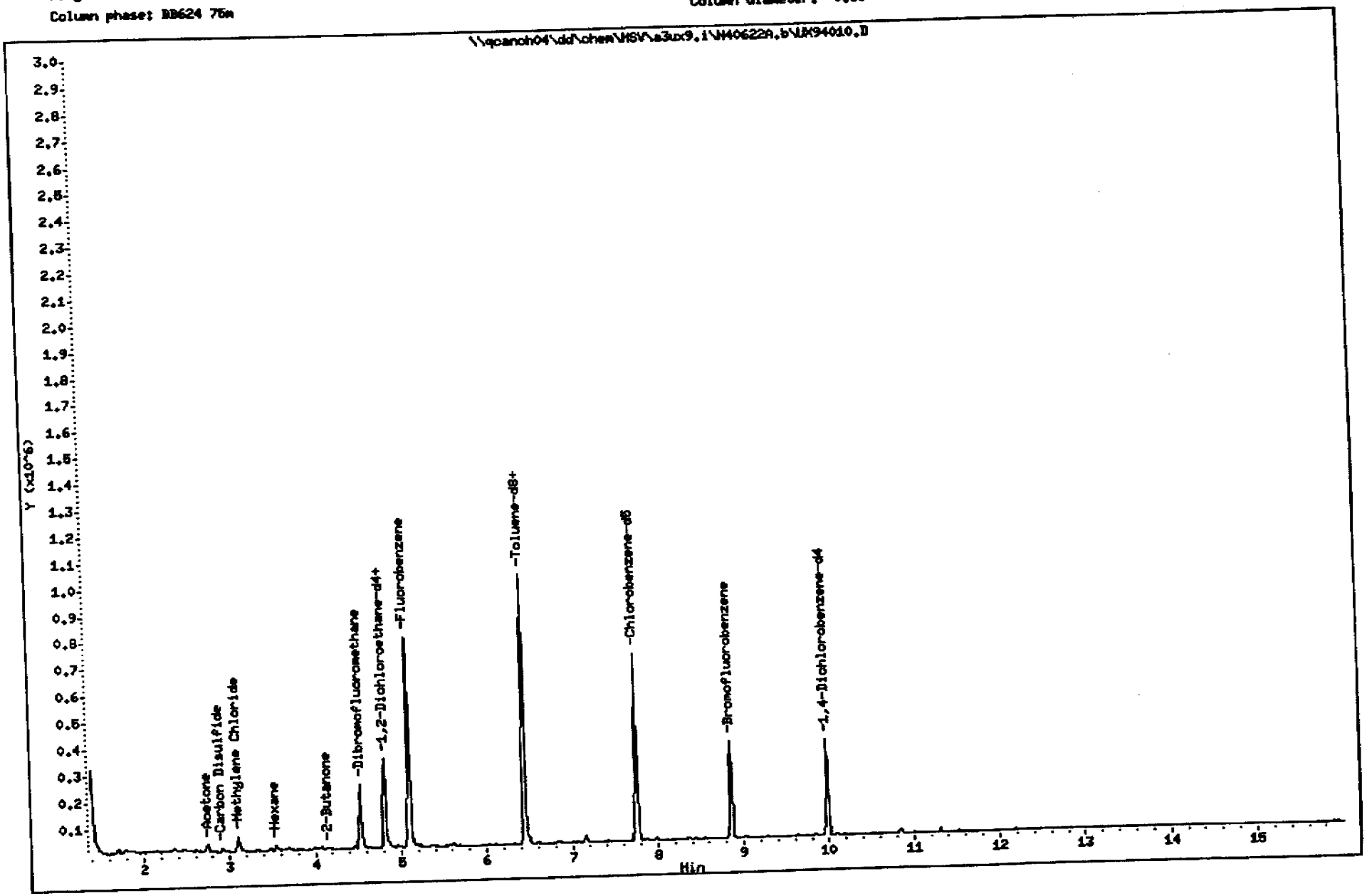
NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\JN40622A.b\JX94010.D
Date : 23-JUN-2004 00:31
Client ID: VE528/56.7-57.4/061
Sample Info: GH7H91AC,4.0G/5ML
Purge Volume: 4.0
Column phase: RB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94010.D
Lab Smp Id: GH7M91AC
Inj Date : 23-JUN-2004 00:31
Operator : 1819
Smp Info : GH7M91AC,4.0G/5ML
Misc Info : N40622A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels
Cal Date : 12-FEB-2004 00:13
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Client Smp ID: VE528/56.7-57.4/061
Inst ID: a3ux9.i
Quant Type: ISTD
Cal File: UX91491.D
Compound Sublist: 4-8260+A9.sub

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	4.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	5.097	5.085	(1.000)	782316	250.000	
* 2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	408444	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	97363	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	223255	209.232	52.308
$ 5 Toluene-d8	98	6.446	6.446	(0.832)	672241	266.134	66.533
$ 6 Bromofluorobenzene	95	8.860	8.860	(1.144)	135635	127.687	31.922
$ 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	161174	211.197	52.799
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Acrolein	56	Compound Not Detected.					
16 1,1-Dichloroethene	96	Compound Not Detected.					
15 Acetone	43	2.742	2.730	(0.538)	39411	46.0323	11.508
54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
56	Iodomethane	142	Compound Not Detected.					
18	Carbon Disulfide	76	2.908	2.920	(0.571)	23381	7.90681	1.977
55	Acetonitrile	41	Compound Not Detected.					
17	Methylene Chloride	84	3.097	3.097	(0.608)	21971	2.60418	0.6510
19	Acrylonitrile	53	Compound Not Detected.					
78	Methyl tert-butyl ether	73	Compound Not Detected.					
84	Hexane	57	3.559	3.547	(0.698)	8488	4.60241	1.151
21	Vinyl acetate	43	Compound Not Detected.					
22	1,1-Dichloroethane	63	Compound Not Detected.					
23	2-Butanone	43	4.138	4.126	(0.812)	15054	15.1068	3.777
20	trans-1,2-Dichloroethene	96	Compound Not Detected.					
24	cis-1,2-dichloroethene	96	Compound Not Detected.					
M 25	1,2-Dichloroethene (total)	96	Compound Not Detected.					
86	2,2-Dichloropropane	77	Compound Not Detected.					
111	Bromochloromethane	128	Compound Not Detected.					
79	Tetrahydrofuran	42	Compound Not Detected.					
26	Chloroform	83	Compound Not Detected.					
27	1,1,1-Trichloroethane	97	Compound Not Detected.					
87	1,1-Dichloropropene	75	Compound Not Detected.					
28	Carbon Tetrachloride	117	Compound Not Detected.					
29	1,2-Dichloroethane	62	Compound Not Detected.					
30	Benzene	78	4.872	4.872	(0.956)	9078	2.31128	0.5778
31	Trichloroethene	130	Compound Not Detected.					
32	1,2-Dichloropropane	63	Compound Not Detected.					
63	1,4-Dioxane	88	Compound Not Detected.					
64	Dibromomethane	93	Compound Not Detected.					
33	Bromodichloromethane	83	Compound Not Detected.					
34	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
36	cis-1,3-Dichloropropene	75	Compound Not Detected.					
35	4-Methyl-2-pentanone	43	Compound Not Detected.					
37	Toluene	91	6.505	6.505	(0.840)	12476	4.15244	1.038
38	trans-1,3-Dichloropropene	75	Compound Not Detected.					
65	Ethyl Methacrylate	69	Compound Not Detected.					
40	1,1,2-Trichloroethane	97	Compound Not Detected.					
88	1,3-Dichloropropane	76	Compound Not Detected.					
41	Tetrachloroethene	164	Compound Not Detected.					
39	2-Hexanone	43	Compound Not Detected.					
42	Dibromochloromethane	129	Compound Not Detected.					
66	1,2-Dibromoethane	107	Compound Not Detected.					
43	Chlorobenzene	112	Compound Not Detected.					
44	Ethylbenzene	106	Compound Not Detected.					
45	m + p-Xylene	106	Compound Not Detected.					
46	Xylene-o	106	Compound Not Detected.					
M 47	Xylenes (total)	106	Compound Not Detected.					
48	Styrene	104	Compound Not Detected.					
49	Bromoform	173	Compound Not Detected.					
89	Isopropylbenzene	105	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94010.D
Report Date: 23-Jun-2004 22:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qoanoh04\dd\ohem\HSV\a3ux9.i\N40622A.b\UX94010.D

Date : 23-JUN-2004 00:31

Client ID: VE528/66.7-67.4/061

Sample Info: GH7M91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

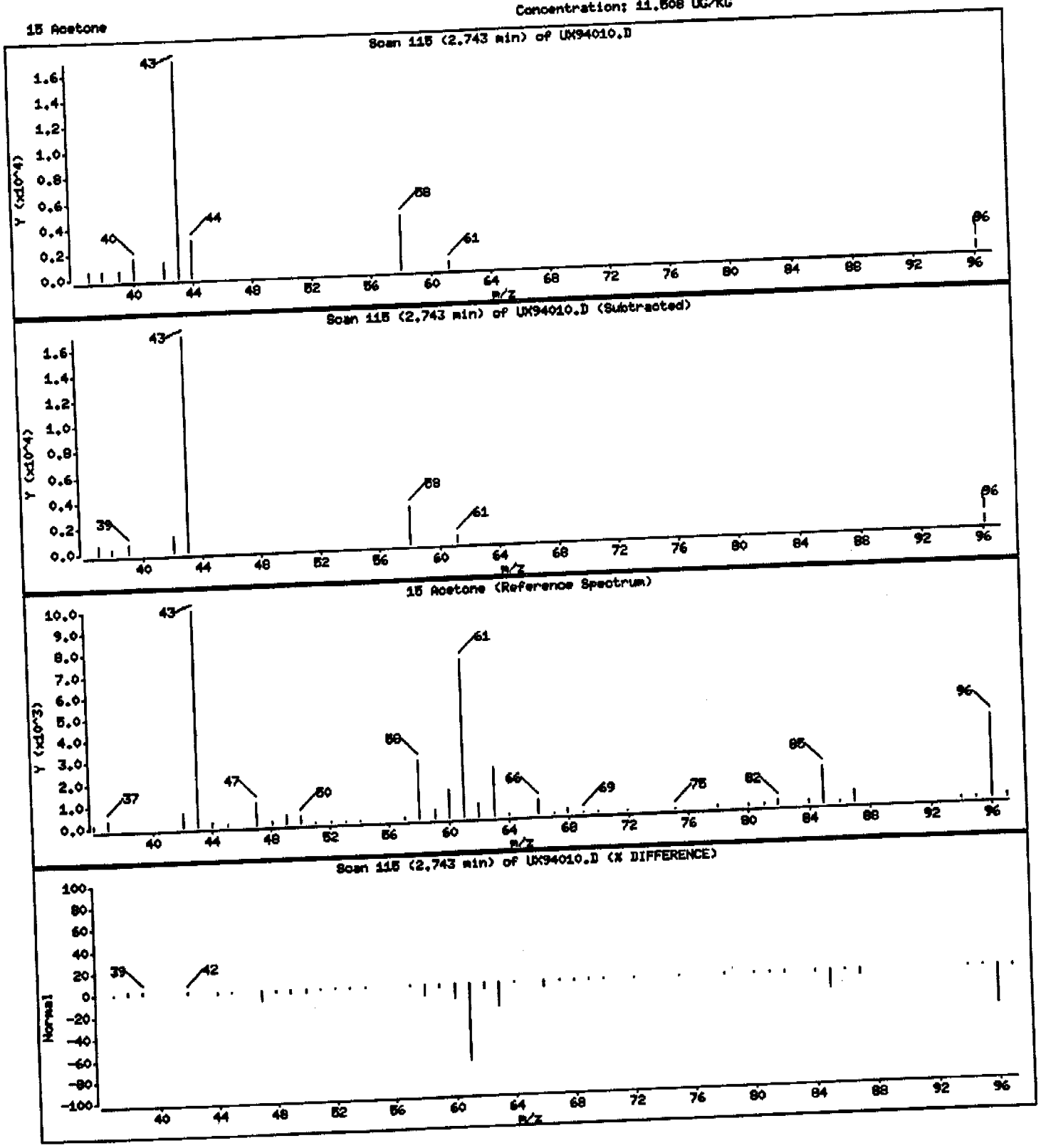
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 11.508 UG/KG

15 Acetone



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Date : 23-JUN-2004 00:31

Client ID: VE628/56.7-57.4/061

Sample Info: CH7H91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

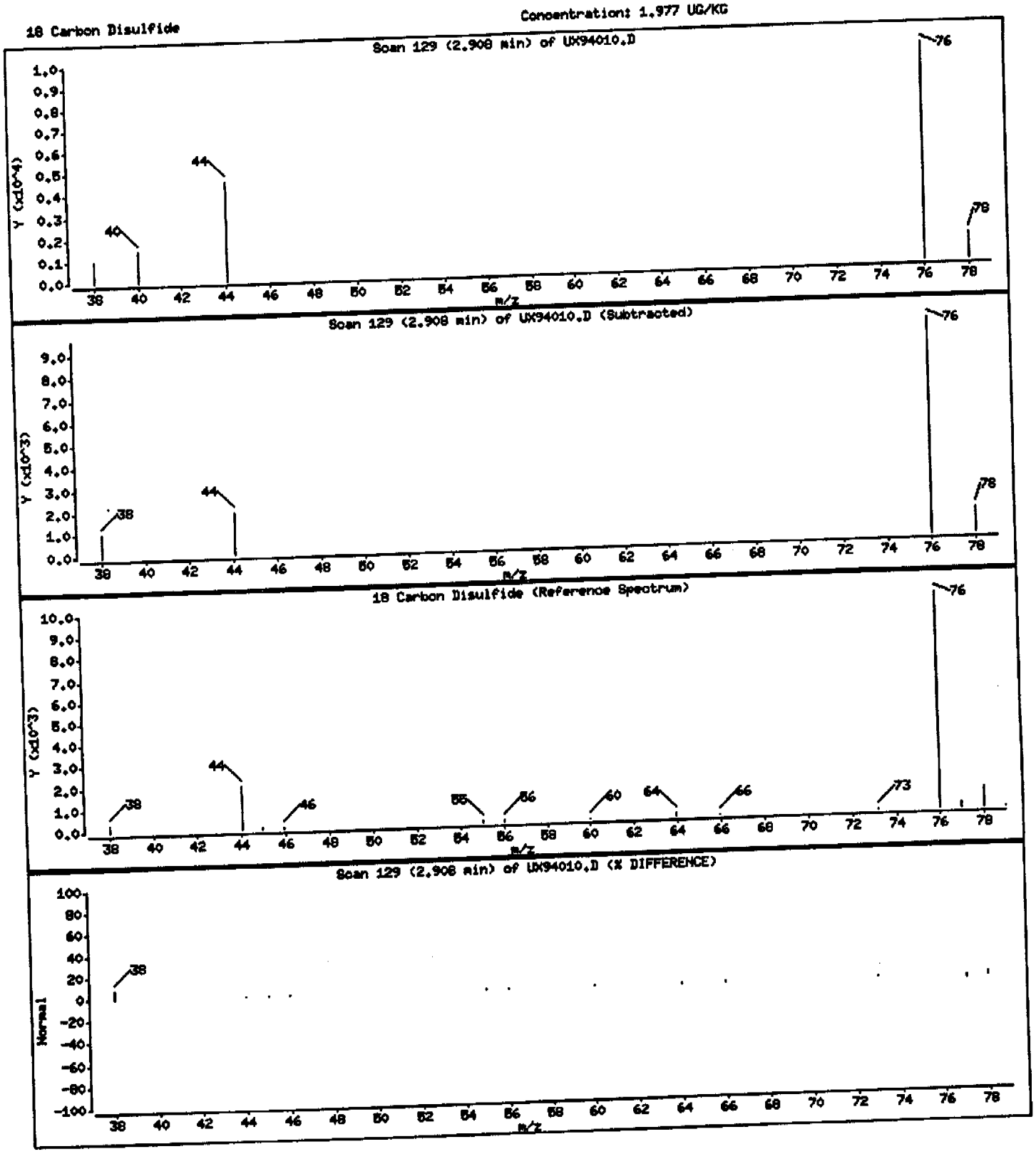
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 1.977 UG/KG

18 Carbon Disulfide



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Date : 23-JUN-2004 00:31

Client ID: VE528/56.7-57.4/061

Sample Info: GH7H91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

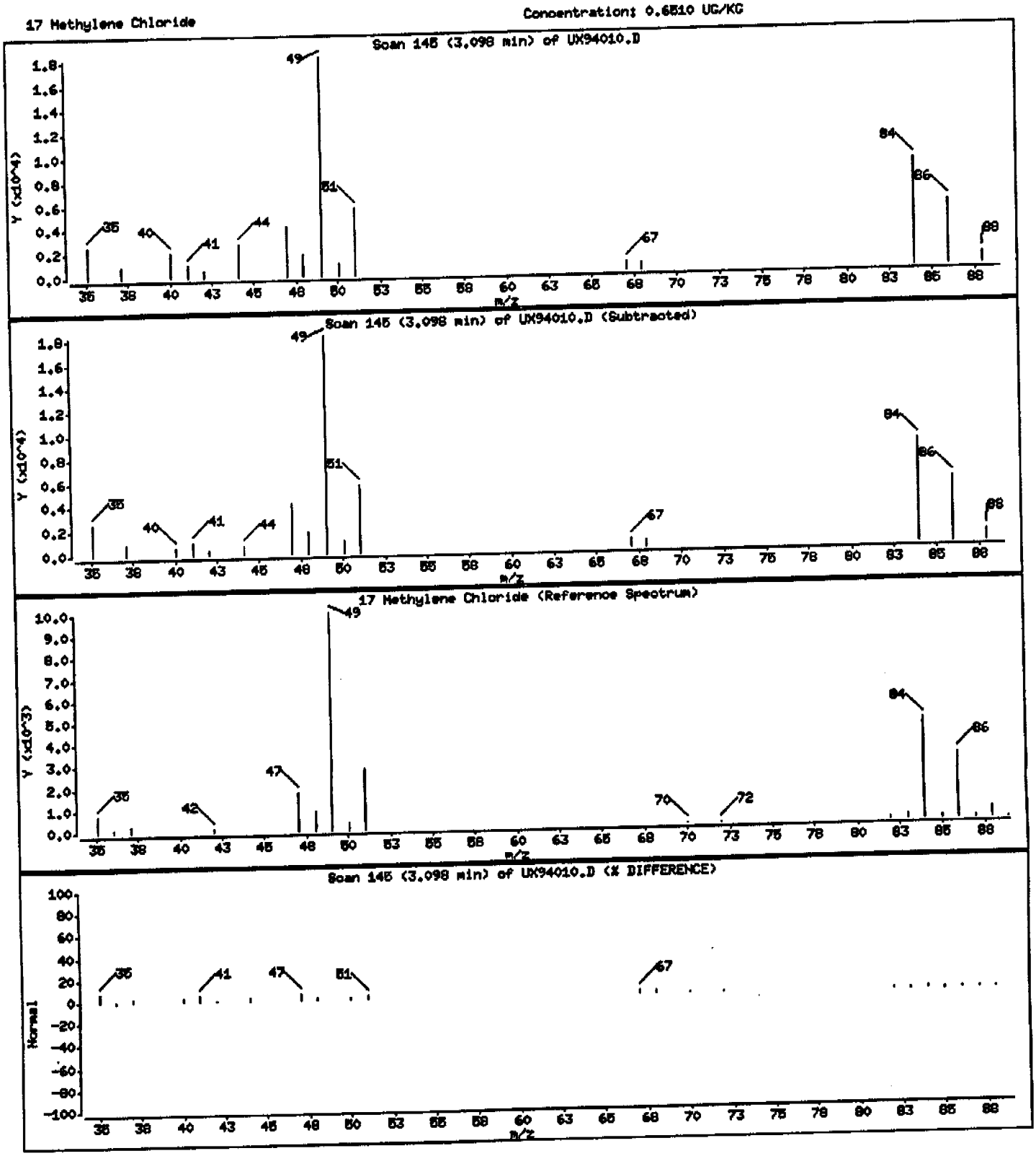
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.6510 UG/KG

17 Methylene Chloride



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Date : 23-JUN-2004 00:31

Client ID: VE528/56.7-57.4/061

Sample Info: GH7M91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

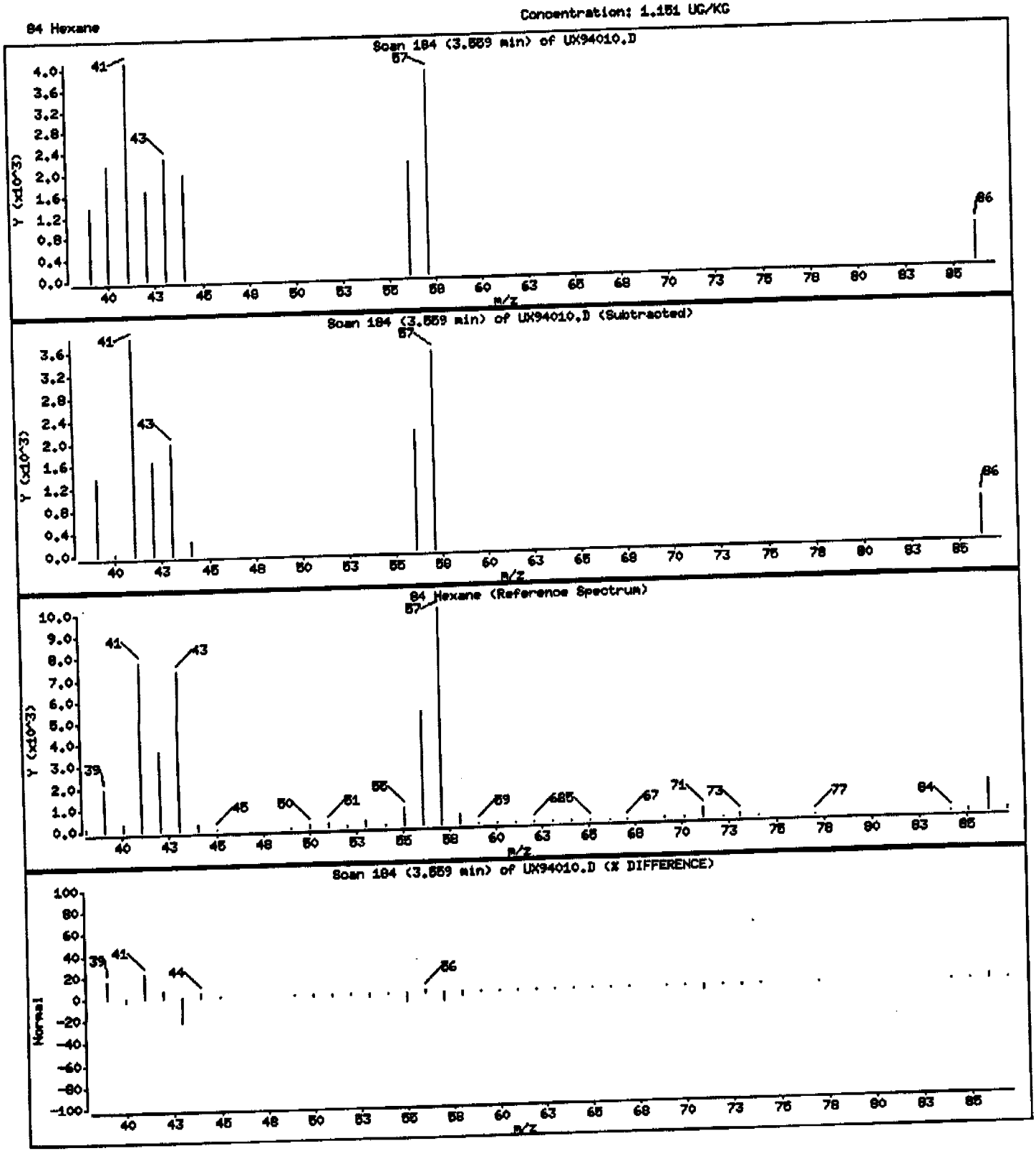
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 1.151 UG/KG

84 Hexane



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Date : 23-JUN-2004 00:31

Client ID: VE528/56.7-57.4/061

Sample Info: CH7H91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

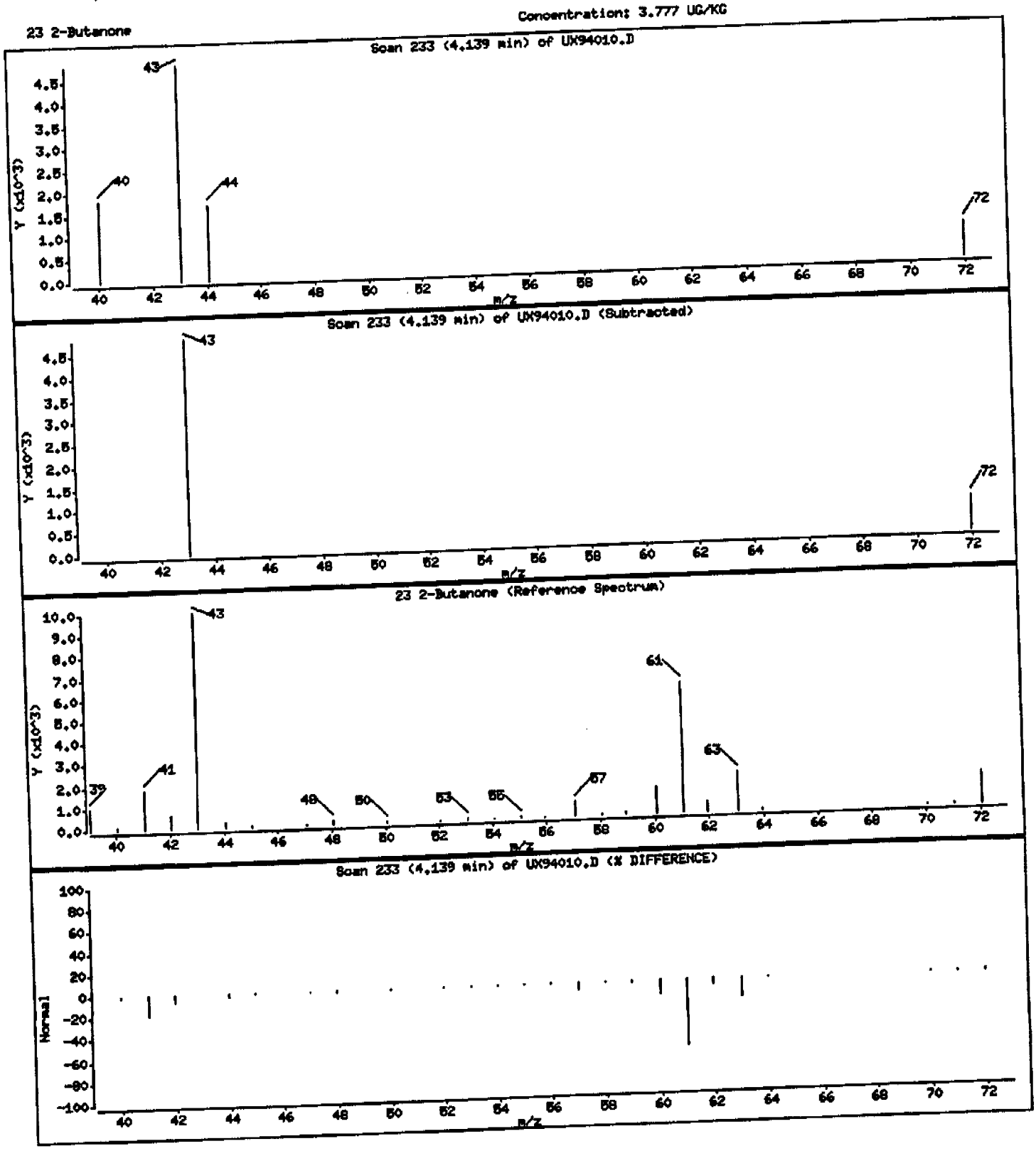
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 3.777 UG/KG

23 2-Butanone



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Date : 23-JUN-2004 00:31

Client ID: VE528/56.7-57.4/061

Sample Info: CH7M91AC,4.0G/5ML

Purge Volume: 4.0

Column phase: DB624 75m

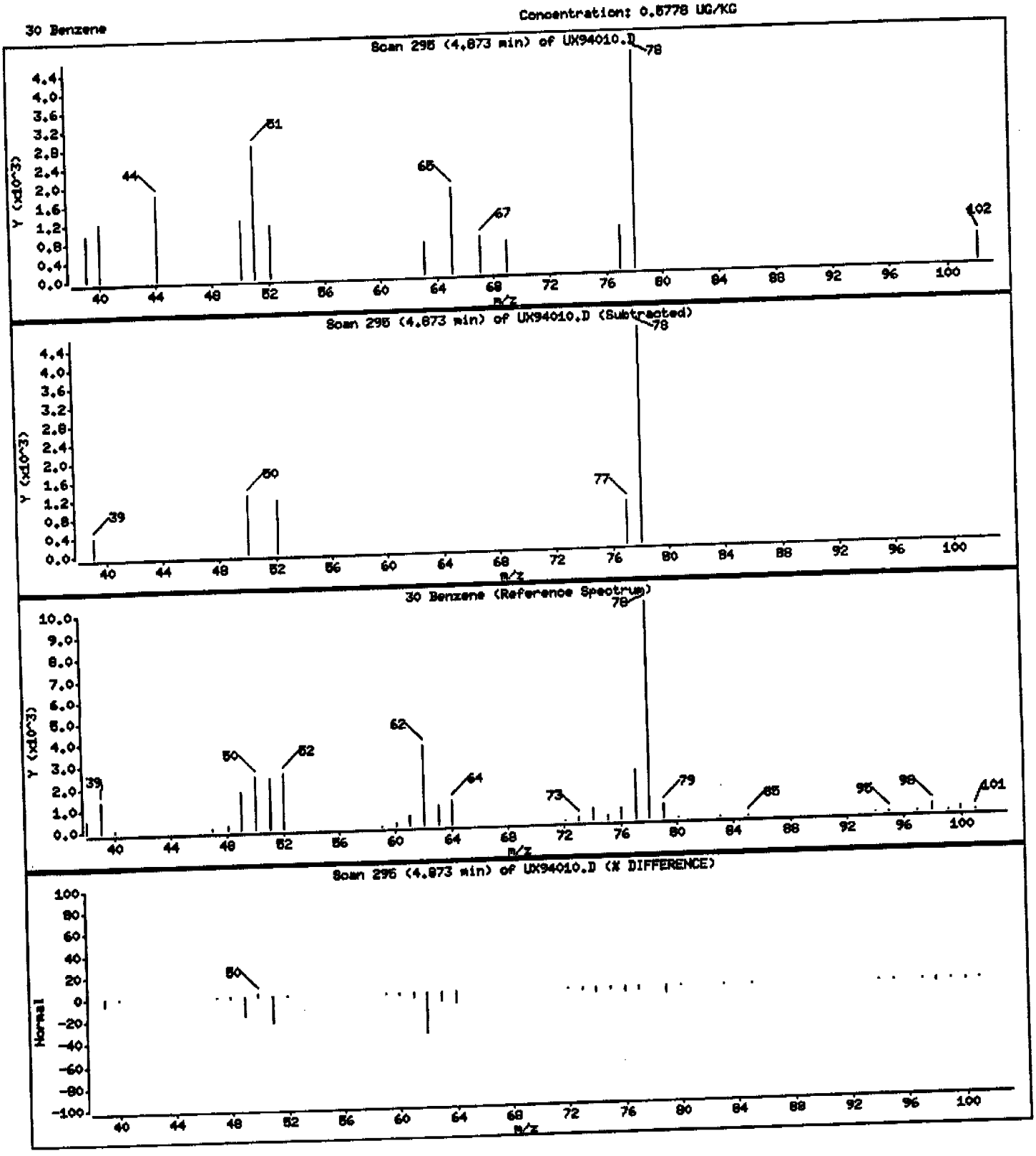
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.5778 UG/KG

30 Benzene



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Date : 23-JUN-2004 00:31

Client ID: VE528/56.7-57.4/061

Instrument: a3ux9.i

Sample Info: GH7M91AC,4.0G/5ML

Purge Volume: 4.0

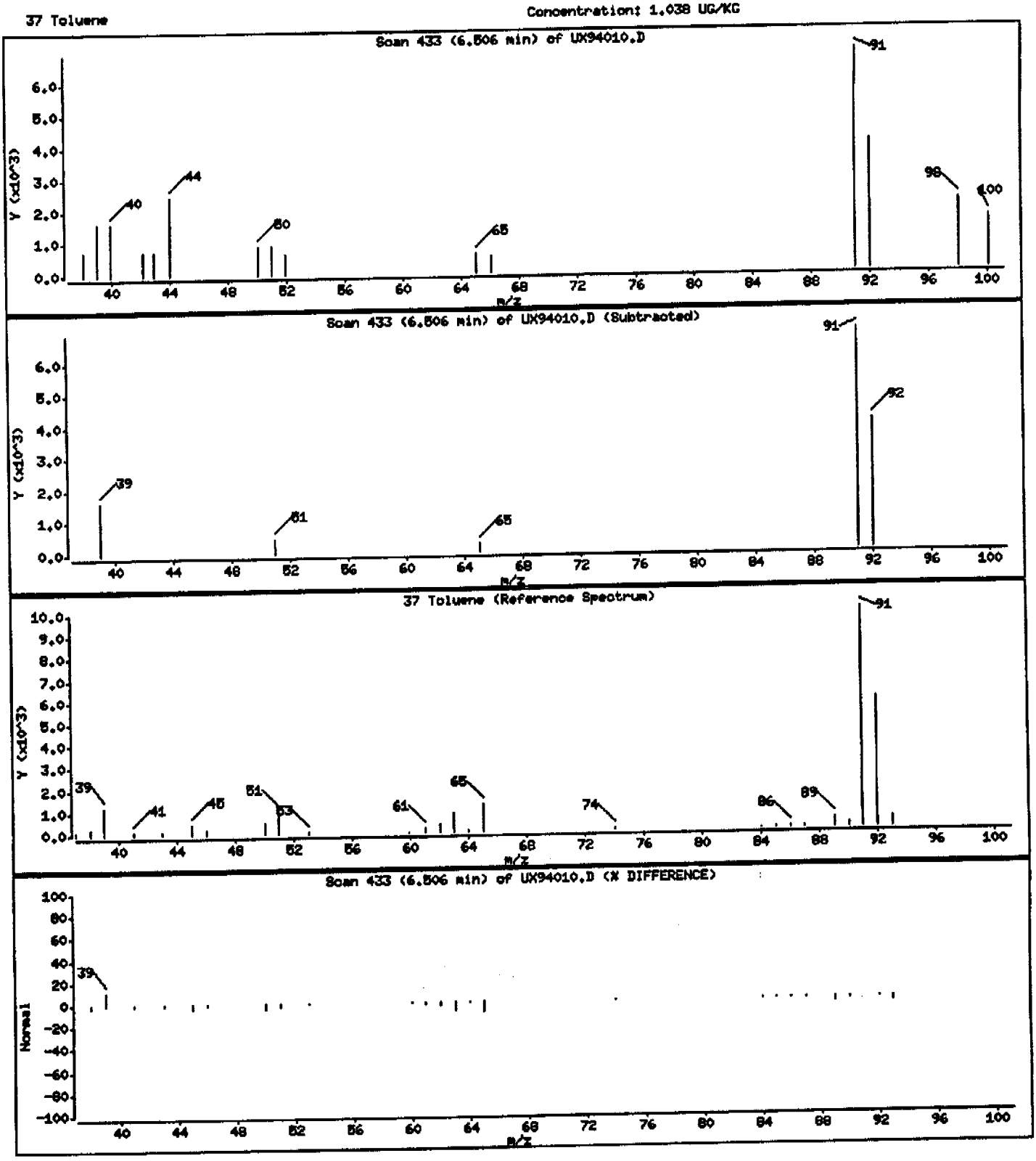
Operator: 1819

Column phase: DB624 75m

Column diameter: 0.53

37 Toluene

Concentration: 1.038 UG/KG



PAYNE FIRM INC.

Client Sample ID: VE528/58-58.5/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-008 **Work Order #...:** GH7NC1AC **Matrix.....:** SO
Date Sampled...: 06/11/04 14:20 **Date Received..:** 06/12/04
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 18 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	6.1	ug/kg
1,2-Dichloroethene (total)	ND	12	ug/kg
3-Chloro-1-propene	ND	12	ug/kg
Isobutanol	ND	240	ug/kg
Acetone	ND	24	ug/kg
Acetonitrile	ND	120	ug/kg
Acrolein	ND	120	ug/kg
Acrylonitrile	ND	120	ug/kg
Benzene	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
Bromomethane	ND	6.1	ug/kg
2-Butanone (MEK)	ND	24	ug/kg
Carbon disulfide	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Chloroprene	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
Chloroethane	ND	6.1	ug/kg
Chloroform	ND	6.1	ug/kg
Chloromethane	ND	6.1	ug/kg
1,2-Dibromo-3-chloro-propane	ND	12	ug/kg
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg
Dibromomethane	ND	6.1	ug/kg
trans-1,4-Dichloro-2-butene	ND	6.1	ug/kg
Dichlorodifluoromethane	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
trans-1,2-Dichloroethene	ND	6.1	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
1,4-Dioxane	ND	310	ug/kg
Ethylbenzene	ND	6.1	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/58-58.5/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-008 **Work Order #...:** GH7NC1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	6.1	ug/kg
2-Hexanone	ND	24	ug/kg
Iodomethane	ND	6.1	ug/kg
Methacrylonitrile	ND	6.1	ug/kg
Methylene chloride	**5.5 J,B**	**6.1**	**ug/kg**
Methyl methacrylate	ND	6.1	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	24	ug/kg
Propionitrile	ND	24	ug/kg
Styrene	ND	6.1	ug/kg
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
Trichlorofluoromethane	ND	6.1	ug/kg
1,2,3-Trichloropropane	ND	6.1	ug/kg
Vinyl acetate	ND	12	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Xylenes (total)	ND	12	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	115	(60 - 143)
4-Bromofluorobenzene	62	(47 - 158)

NOTE(S):

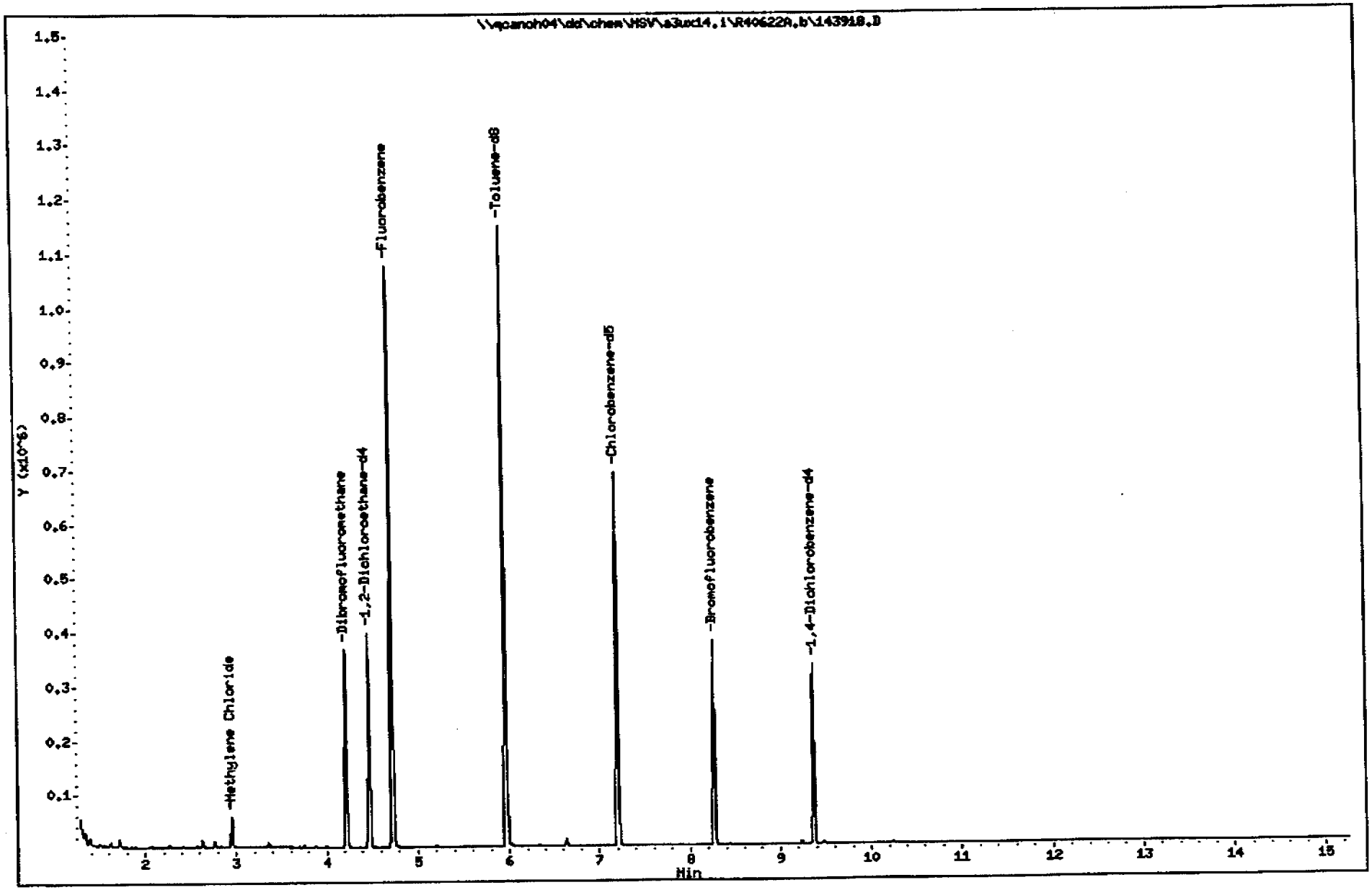
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ucd14.i\R406220A.b\143918.D
Date : 22-JUN-2004 19:32
Client ID: VE528/58-58.5/06110
Sample Info: GH7NC1AC,5.0G/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucd14.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143918.D
Report Date: 23-Jun-2004 11:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143918.D
Lab Smp Id: GH7NC1AC Client Smp ID: VE528/58-58.5/06110
Inj Date : 22-JUN-2004 19:32
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GH7NC1AC,5.0G/5ML
Misc Info : R40622A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 23-Jun-2004 11:24 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	729657	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	320094	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	74289	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	166940	267.575	53.515
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	217619	224.959	44.992
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	630538	286.542	57.308
$ 7 Bromofluorobenzene	95	8.268	8.268	(1.148)	125926	155.677	31.135
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143918.D
Report Date: 23-Jun-2004 11:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.951	2.951	(0.625)	19980	22.6771	4.535
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143918.D
Report Date: 23-Jun-2004 11:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40622A.b\143918.D

Date : 22-JUN-2004 19:32

Client ID: VE528/58-58.5/06110

Instrument: a3ux14.i

Sample Info: GH7NC1AC,5.0G/5ML

Purge Volume: 5.0

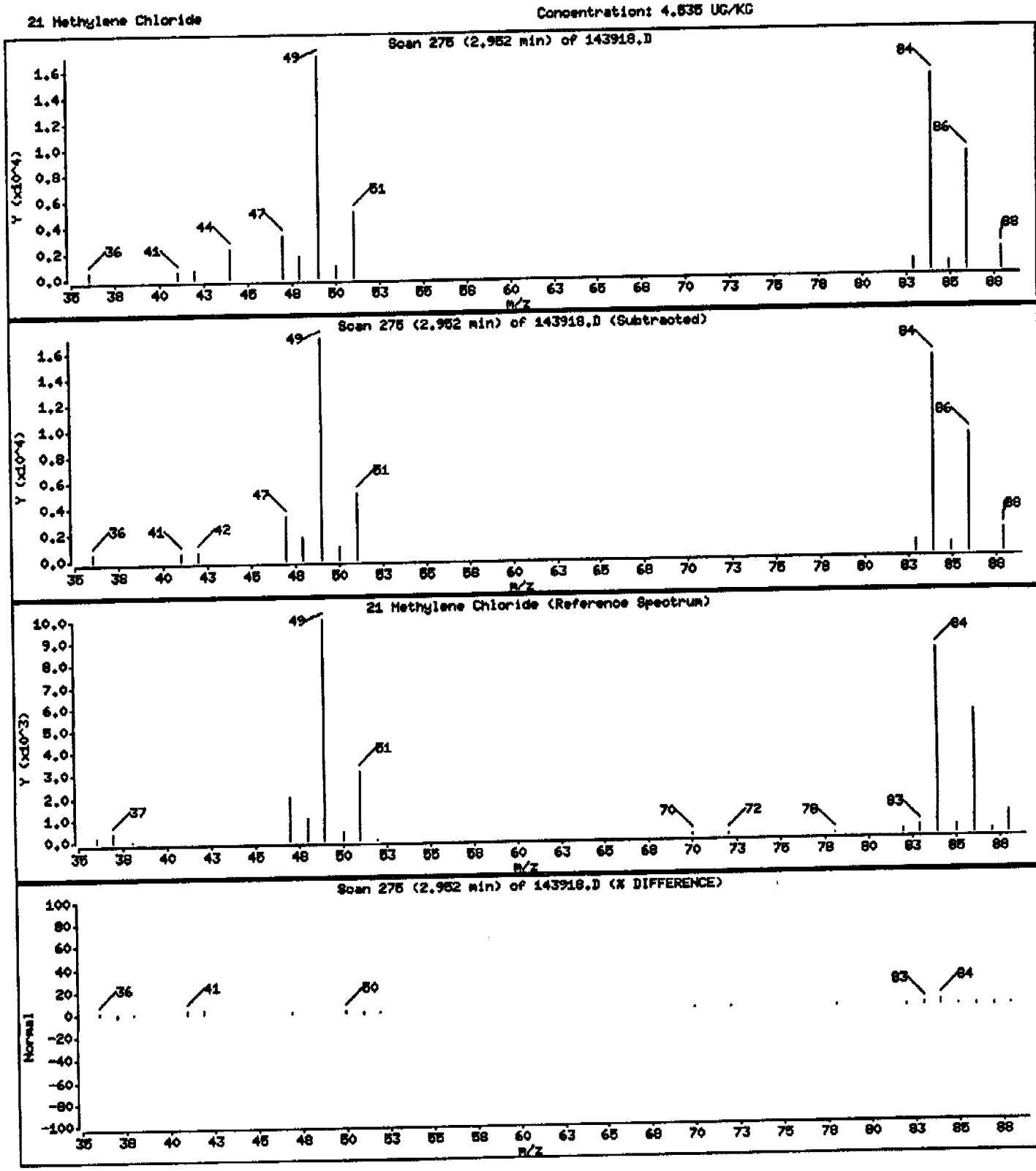
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 4.635 UG/KG



PAYNE FIRM INC.

Client Sample ID: VE528/64-65/061104

GC/MS Volatiles

Lot-Sample #...:	A4F120158-009	**Work Order #...:**	GH7NE1AC	**Matrix.....:**	SO
Date Sampled...:	06/11/04 14:30	**Date Received..:**	06/12/04		
Prep Date.....:	06/19/04	**Analysis Date..:**	06/19/04		
Prep Batch #...:	4173408				
Dilution Factor:	0.82	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloroethene (total)	ND	9.9	ug/kg
3-Chloro-1-propene	ND	9.9	ug/kg
Isobutanol	ND	200	ug/kg
Acetone	**6.0 J**	**20**	**ug/kg**
Acetonitrile	ND	99	ug/kg
Acrolein	ND	99	ug/kg
Acrylonitrile	ND	99	ug/kg
Benzene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
Bromoform	ND	5.0	ug/kg
Bromomethane	ND	5.0	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon disulfide	ND	5.0	ug/kg
Carbon tetrachloride	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Chloroprene	ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
Chloroethane	ND	5.0	ug/kg
Chloroform	ND	5.0	ug/kg
Chloromethane	ND	5.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.9	ug/kg
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg
Dibromomethane	ND	5.0	ug/kg
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg
Dichlorodifluoromethane	ND	5.0	ug/kg
1,1-Dichloroethane	ND	5.0	ug/kg
1,2-Dichloroethane	ND	5.0	ug/kg
trans-1,2-Dichloroethene	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
cis-1,3-Dichloropropene	ND	5.0	ug/kg
trans-1,3-Dichloropropene	ND	5.0	ug/kg
1,4-Dioxane	ND	250	ug/kg
Ethylbenzene	ND	5.0	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/64-65/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-009 **Work Order #...:** GH7NE1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	5.0	ug/kg
2-Hexanone	ND	20	ug/kg
Iodomethane	ND	5.0	ug/kg
Methacrylonitrile	ND	5.0	ug/kg
Methylene chloride	**2.7 J,B**	**5.0**	**ug/kg**
Methyl methacrylate	ND	5.0	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg
Propionitrile	ND	20	ug/kg
Styrene	ND	5.0	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
1,1,1-Trichloroethane	ND	5.0	ug/kg
1,1,2-Trichloroethane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Trichlorofluoromethane	ND	5.0	ug/kg
1,2,3-Trichloropropane	ND	5.0	ug/kg
Vinyl acetate	ND	9.9	ug/kg
Vinyl chloride	ND	5.0	ug/kg
Xylenes (total)	ND	9.9	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

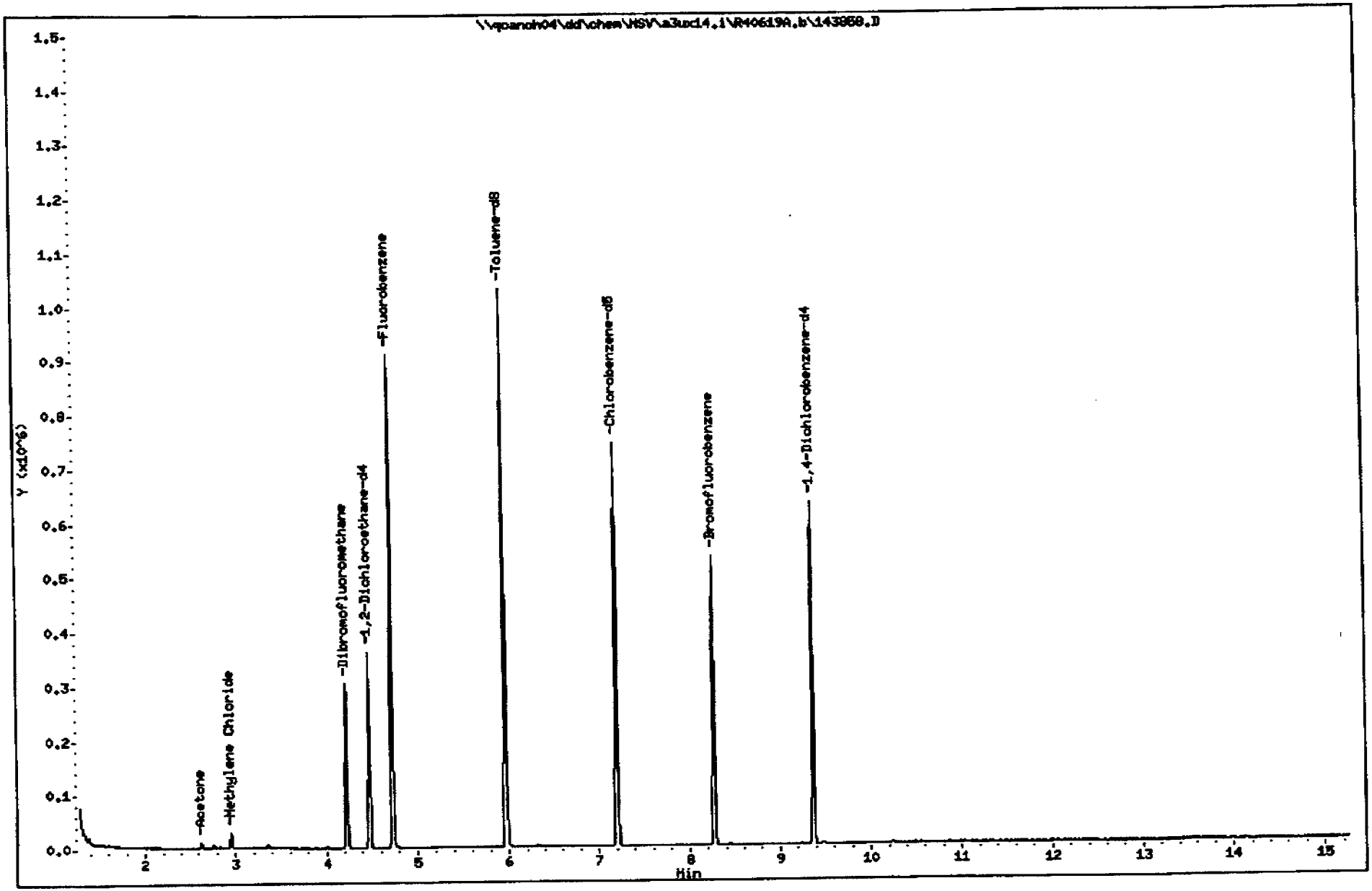
J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3uxl4.i\R40619A.b\143858.D
Date : 19-JUN-2004 22:51
Client ID: VE528/64-65/061104
Sample Info: GH7NE1AC,6.1G/5ML
Purge Volume: 6.1
Column phase: DB624

Instrument: a3uxl4.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143858.D
Report Date: 21-Jun-2004 13:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143858.D
Lab Smp Id: GH7NE1AC Client Smp ID: VE528/64-65/061104
Inj Date : 19-JUN-2004 22:51
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GH7NE1AC,6.1G/5ML
Misc Info : R40619A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 21-Jun-2004 13:27 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.100	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	565631	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	308551	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	124293	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	132954	274.898	45.065
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	195752	261.035	42.793
$ 6 Toluene-d8	98	5.969	5.963	(0.829)	538660	253.947	41.631
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.148)	161459	207.072	33.946
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	2.629	2.629	(0.557)	10237	30.1897	4.949
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143858.D
Report Date: 21-Jun-2004 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.952	2.951	(0.625)	9157	13.4070	2.198
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143858.D
Report Date: 21-Jun-2004 13:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143858.D

Date : 19-JUN-2004 22:51

Client ID: VE528/64-65/061104

Sample Info: GH7NE1AC,6.1G/5ML

Purge Volume: 6.1

Column phase: DB624

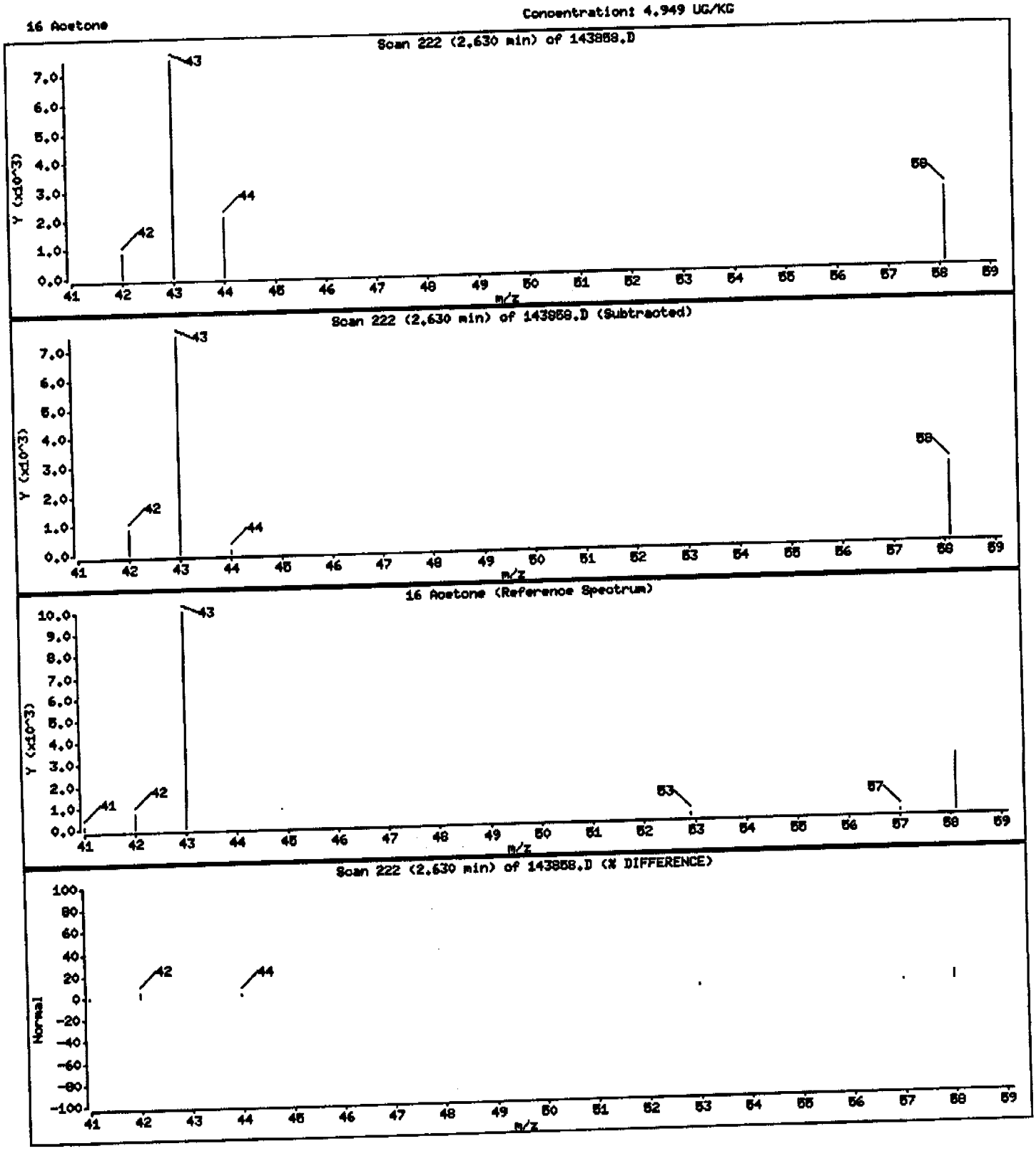
Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18

Concentration: 4.949 UG/KG

16 Acetone



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Date : 19-JUN-2004 22:51

Client ID: VE528/64-65/061104

Instrument: a3ux14.i

Sample Info: GH7NE1AC,6.1G/5ML

Purge Volume: 6.1

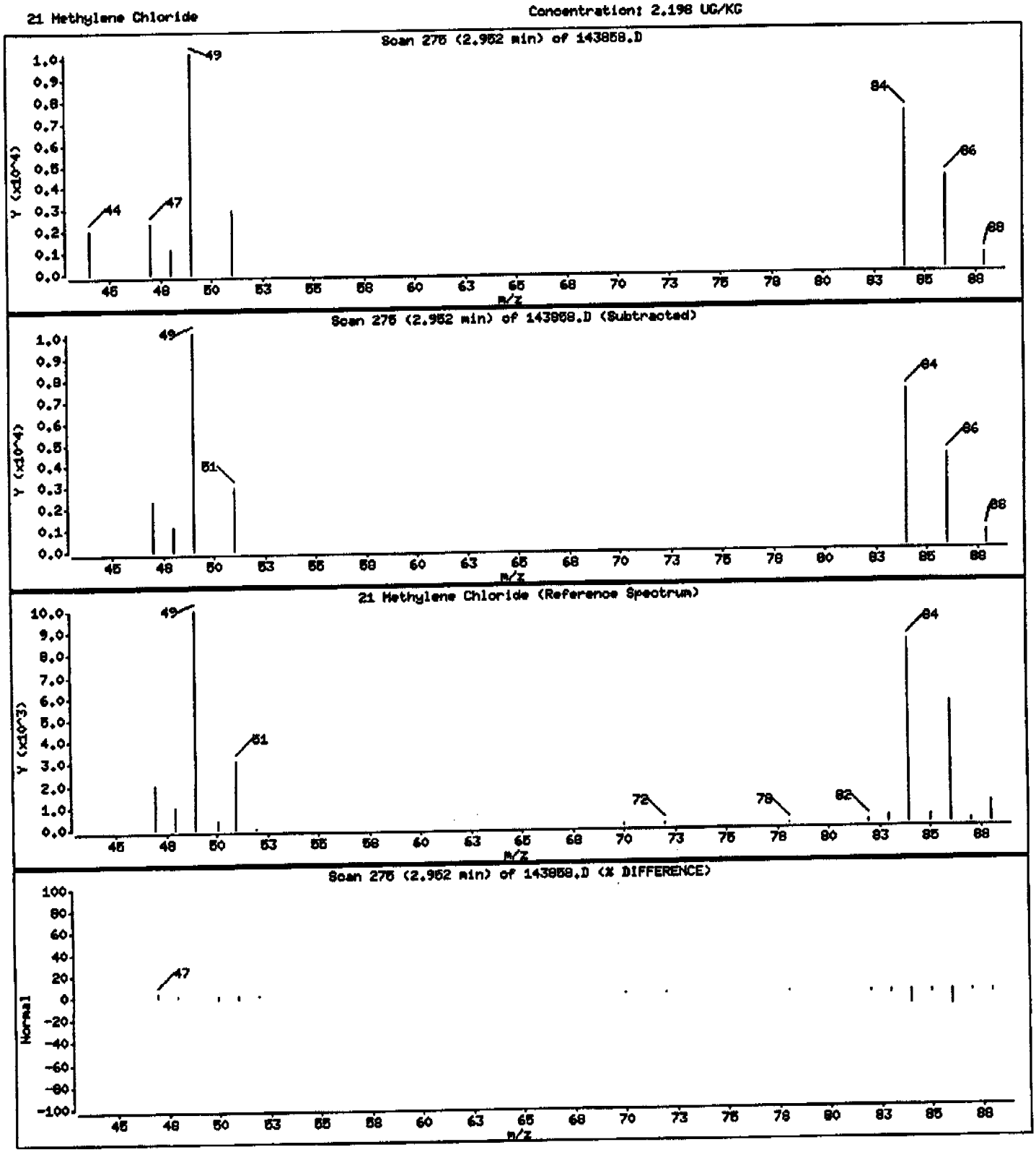
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 2.198 UG/KG



PAYNE FIRM INC.

Client Sample ID: VE528/66.5-67.5/061104

GC/MS Volatiles

Lot-Sample #...:	A4F120158-010	**Work Order #...:**	GH7NF1AC	**Matrix.....:**	SO
Date Sampled...:	06/11/04 14:35	**Date Received..:**	06/12/04		
Prep Date.....:	06/19/04	**Analysis Date..:**	06/19/04		
Prep Batch #...:	4173408				
Dilution Factor:	1.22	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	2.8	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloroethene (total)	ND	13	ug/kg
3-Chloro-1-propene	ND	13	ug/kg
Isobutanol	ND	250	ug/kg
Acetone	**8.6 J**	**25**	**ug/kg**
Acetonitrile	ND	130	ug/kg
Acrolein	ND	130	ug/kg
Acrylonitrile	ND	130	ug/kg
Benzene	**0.46 J**	**6.3**	**ug/kg**
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone (MEK)	ND	25	ug/kg
Carbon disulfide	**2.5 J**	**6.3**	**ug/kg**
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroprene	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	13	ug/kg
1,2-Dibromoethane (EDB)	ND	6.3	ug/kg
Dibromomethane	ND	6.3	ug/kg
trans-1,4-Dichloro-2-butene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
1,4-Dioxane	ND	310	ug/kg
Ethylbenzene	ND	6.3	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE528/66.5-67.5/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-010 **Work Order #...:** GH7NF1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	6.3	ug/kg
2-Hexanone	ND	25	ug/kg
Iodomethane	ND	6.3	ug/kg
Methacrylonitrile	ND	6.3	ug/kg
Methylene chloride	**6.6 B**	**6.3**	**ug/kg**
Methyl methacrylate	ND	6.3	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	25	ug/kg
Propionitrile	ND	25	ug/kg
Styrene	ND	6.3	ug/kg
1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
Toluene	**1.2 J**	**6.3**	**ug/kg**
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,2,3-Trichloropropane	ND	6.3	ug/kg
Vinyl acetate	ND	13	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(59 - 138)
1,2-Dichloroethane-d4	112	(61 - 130)
Toluene-d8	114	(60 - 143)
4-Bromofluorobenzene	74	(47 - 158)

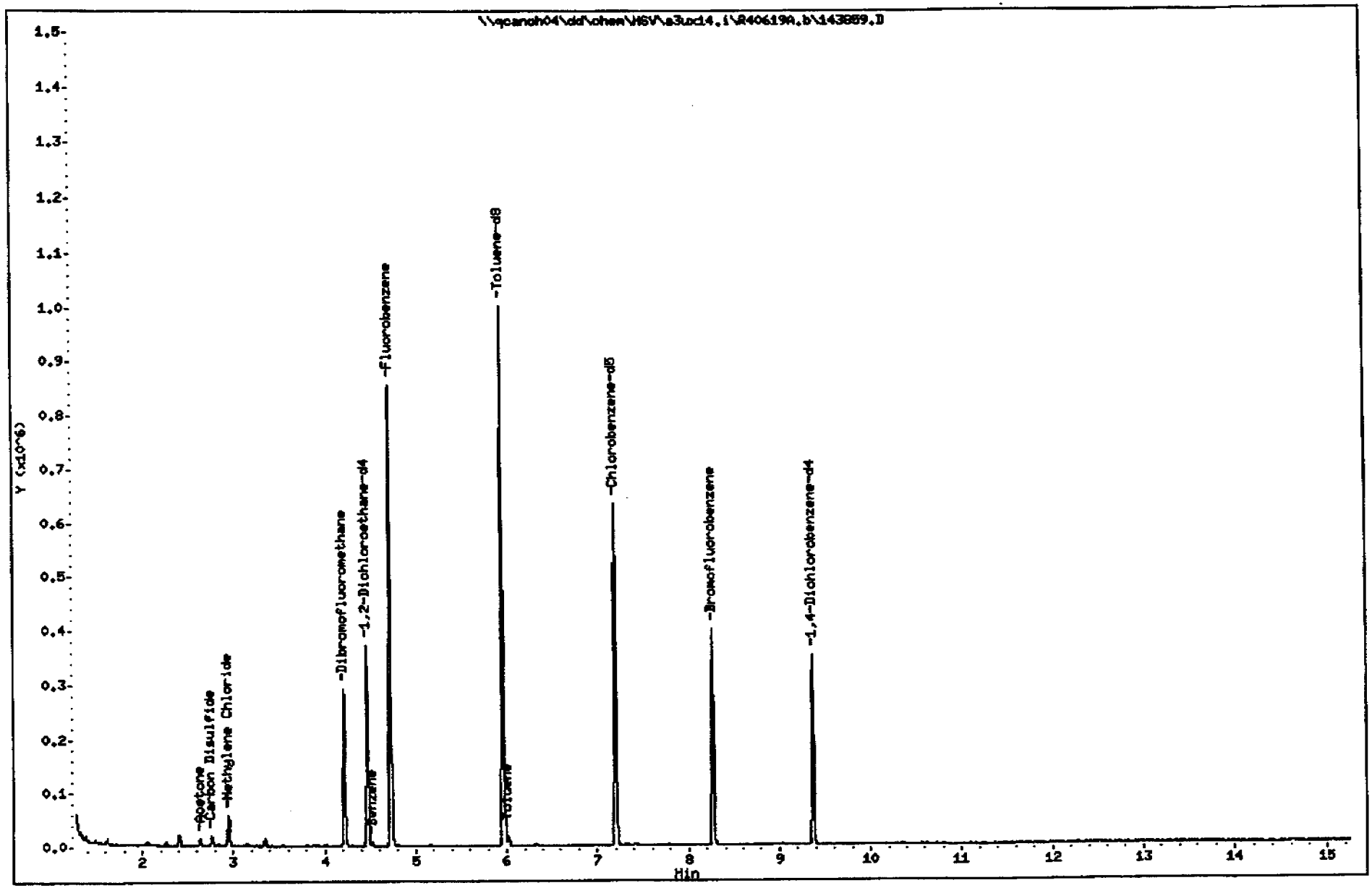
NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ucl4.i\R406190.b\143869.D
Date : 19-JUN-2004 23:15
Client ID: VE828/66.5-67.5/061
Instrument: a3ucl4.i
Sample Info: GH7NF1AC,4.1G/5ML
Purge Volume: 4.1
Operator: 2807
Column phase: DB624
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143859.D
Report Date: 21-Jun-2004 13:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143859.D
Lab Smp Id: GH7NF1AC Client Smp ID: VE528/66.5-67.5/061
Inj Date : 19-JUN-2004 23:15
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GH7NF1AC,4.1G/5ML
Misc Info : R40619A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 21-Jun-2004 13:27 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	4.100	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.728	4.722	(1.000)	539876	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	264446	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.369	9.370	(1.000)	69891	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.892)	131180	284.169	69.310
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	200571	280.221	68.346
$ 6 Toluene-d8	98	5.969	5.963	(0.829)	519149	285.568	69.651
$ 7 Bromofluorobenzene	95	8.268	8.269	(1.148)	124176	185.817	45.321
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	2.635	2.629	(0.557)	11155	34.4664	8.406
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143859.D
Report Date: 21-Jun-2004 13:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	2.763	2.763	(0.584)	19070	9.86664	2.406
	21 Methylene Chloride	84	2.951	2.951	(0.624)	17162	26.3260	6.421
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	4.527	4.521	(0.958)	5065	1.85202	0.4517
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	6.017	6.018	(0.835)	11797	4.97334	1.213
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143859.D
Report Date: 21-Jun-2004 13:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qoanoh04\dd\chem\HSV\a3ux14.i\R40619A.b\143859.D

Date : 19-JUN-2004 23:15

Client ID: VE528/66.5-67.5/061

Instrument: a3ux14.i

Sample Info: GH7NF1AC,4.1G/5ML

Purge Volume: 4.1

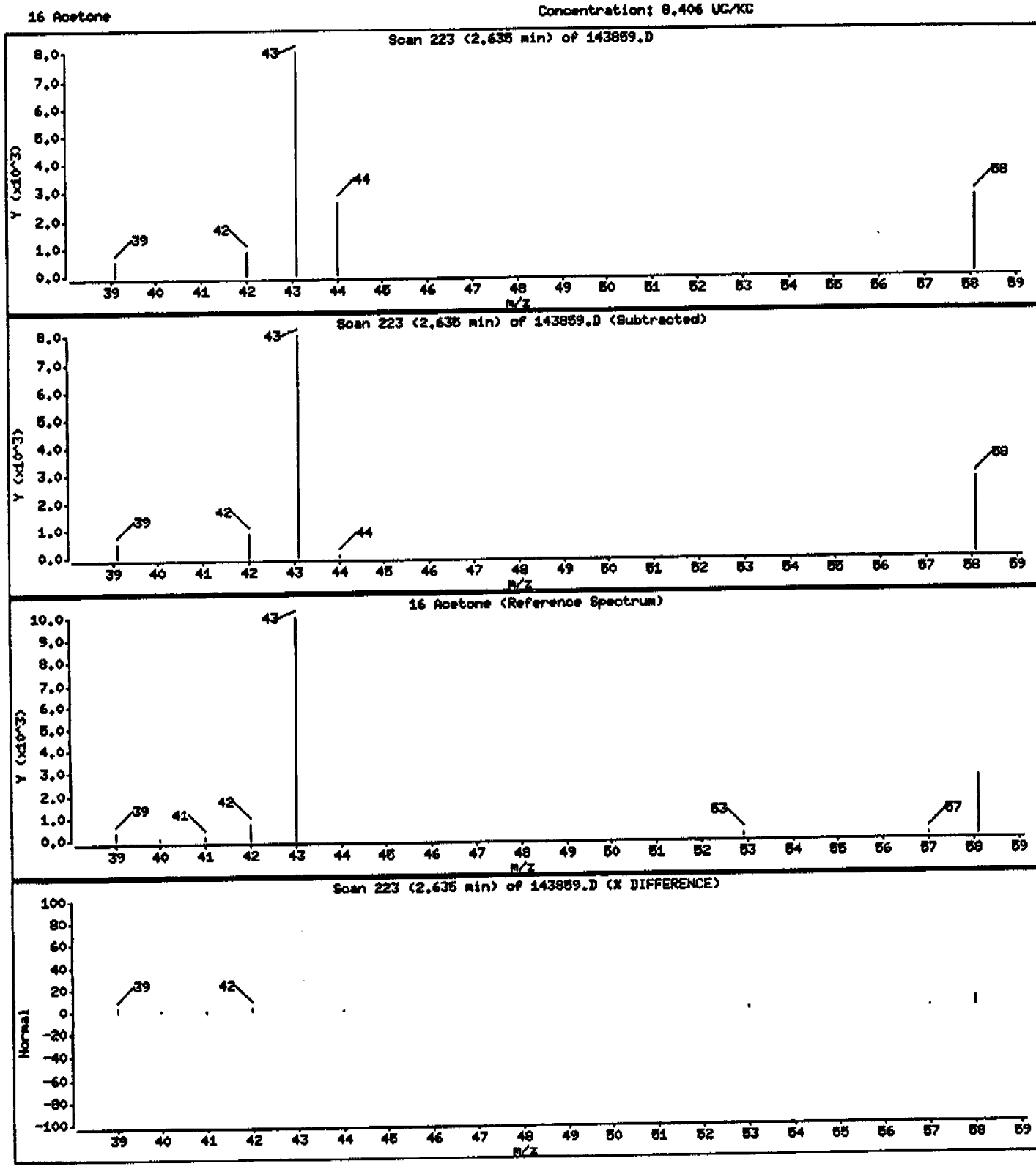
Operator: 2807

Column phase: DB624

Column diameter: 0.18

16 Acetone

Concentration: 9.406 UG/KG



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Date : 19-JUN-2004 23:15

Client ID: VE528/66.5-67.5/061

Instrument: a3ux14.i

Sample Info: GH7NF1AC,4.1G/5ML

Purge Volume: 4.1

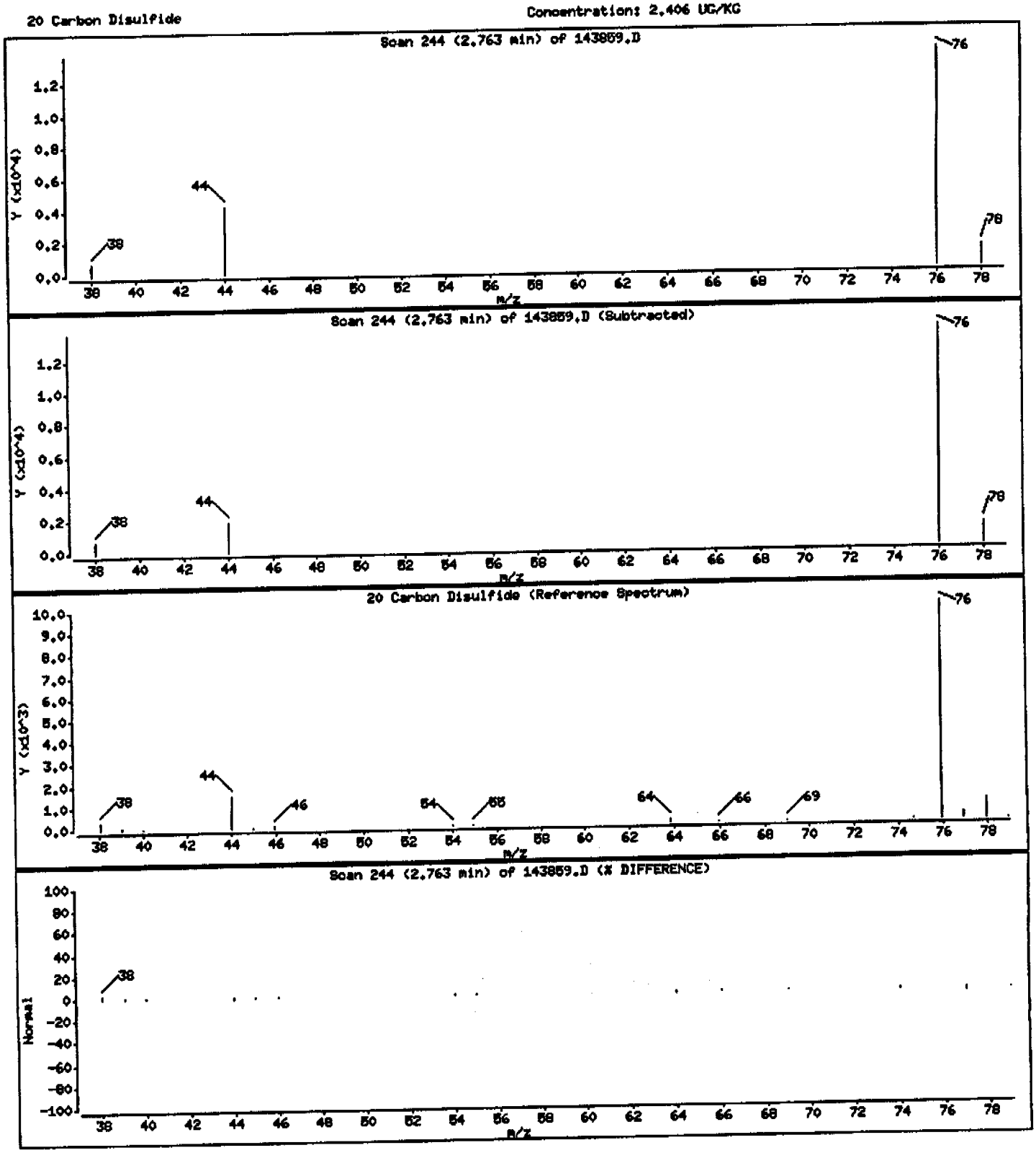
Operator: 2807

Column phase: DB624

Column diameter: 0.18

20 Carbon Disulfide

Concentration: 2.406 UG/KG



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Date : 19-JUN-2004 23:15

Client ID: VE528/66.5-67.5/061

Instrument: a3ux14.i

Sample Info: GH7NF1AC,4.1G/5ML

Purge Volume: 4.1

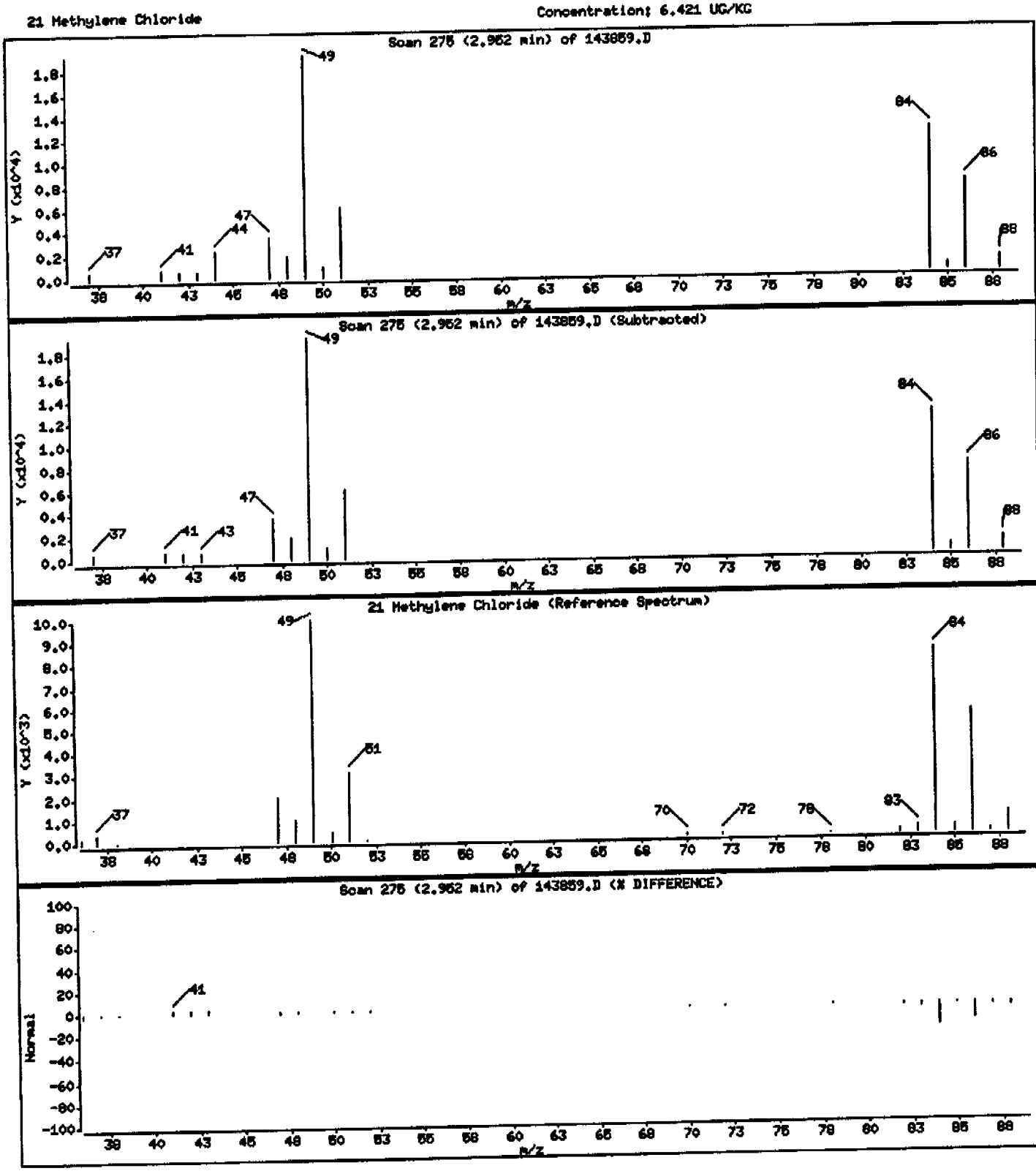
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 6.421 UG/KG



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Date : 19-JUN-2004 23:15

Client ID: VE528/66.6-67.6/061

Instrument: a3ux14.i

Sample Info: GH7NF1AC,4,1C/BHL

Purge Volume: 4.1

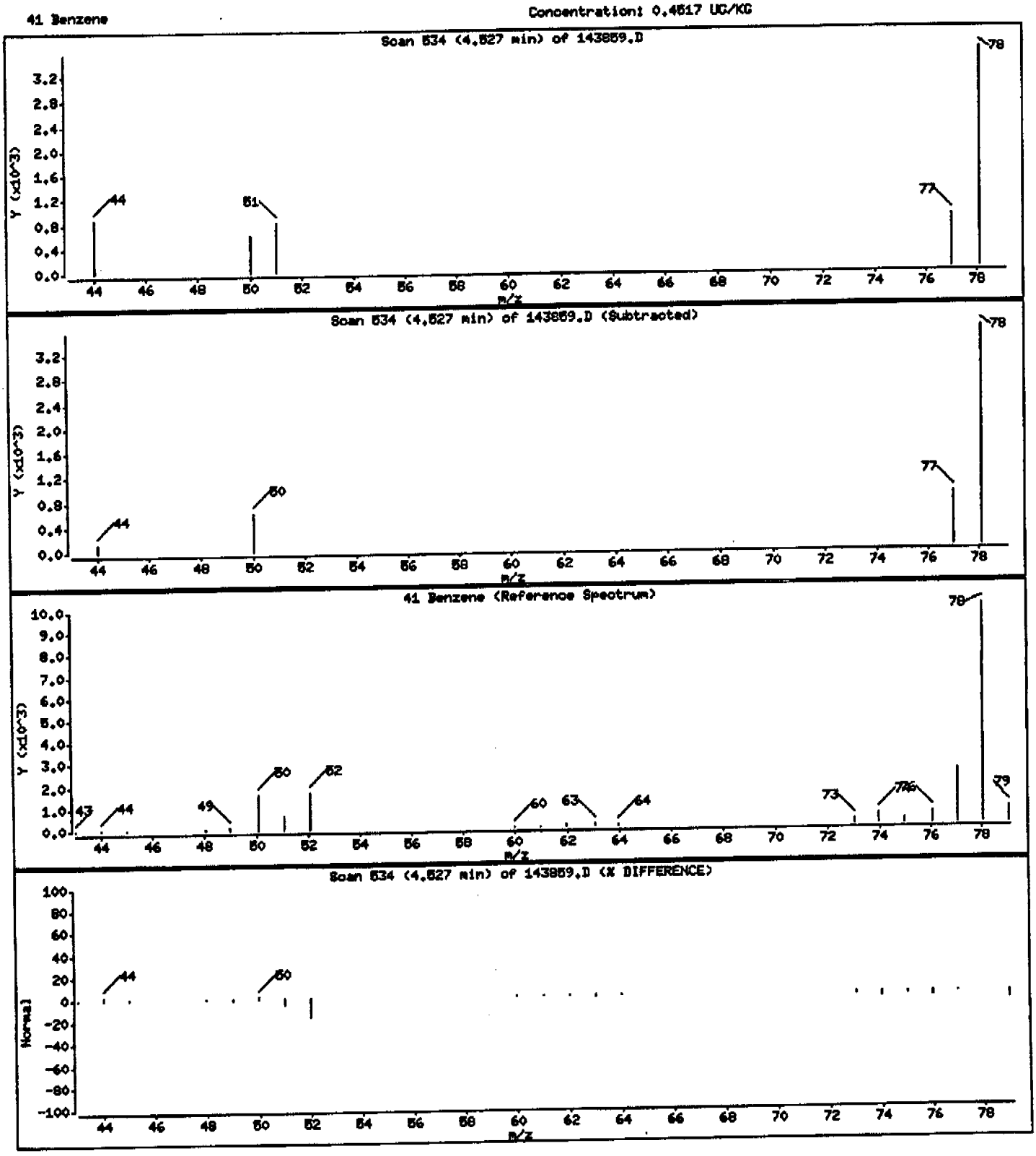
Operator: 2807

Column phase: DB624

Column diameter: 0.18

41 Benzene

Concentration: 0.4617 UG/KG



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Date : 19-JUN-2004 23:15

Client ID: VE529/66.5-67.5/061

Instrument: a3ux14.i

Sample Info: GH7NF1AC,4.1G/5ML

Purge Volume: 4.1

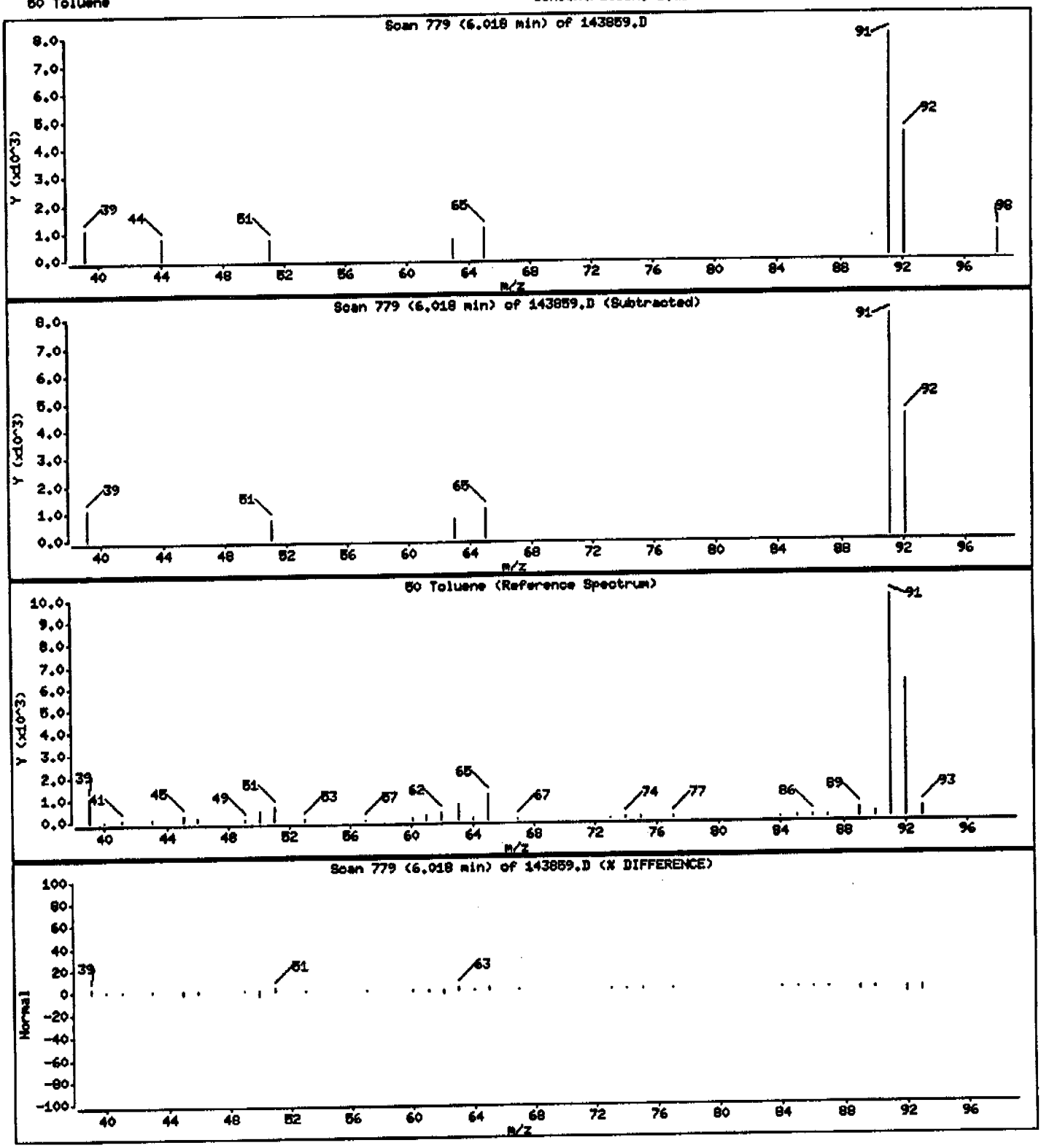
Operator: 2807

Column phase: DB624

Column diameter: 0.18

50 Toluene

Concentration: 1.213 UG/KG



PAYNE FIRM INC.

Client Sample ID: TB-01/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-011	**Work Order #...:** GH7NG1AA	**Matrix.....:** WQ
Date Sampled...: 06/11/04	**Date Received..:** 06/12/04	
Prep Date.....: 06/22/04	**Analysis Date..:** 06/22/04	
Prep Batch #...: 4175141		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1.3 J,B**	**10**	**ug/L**
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	**1.4 B**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	**0.62 J**	**10**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	50	ug/L
Ethylbenzene	ND	1.0	ug/L
Ethyl methacrylate	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: TB-01/061104

GC/MS Volatiles

Lot-Sample #...: A4F120158-011 **Work Order #...:** GH7NG1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Hexanone	ND	10	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Propionitrile	ND	4.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.28 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	86	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

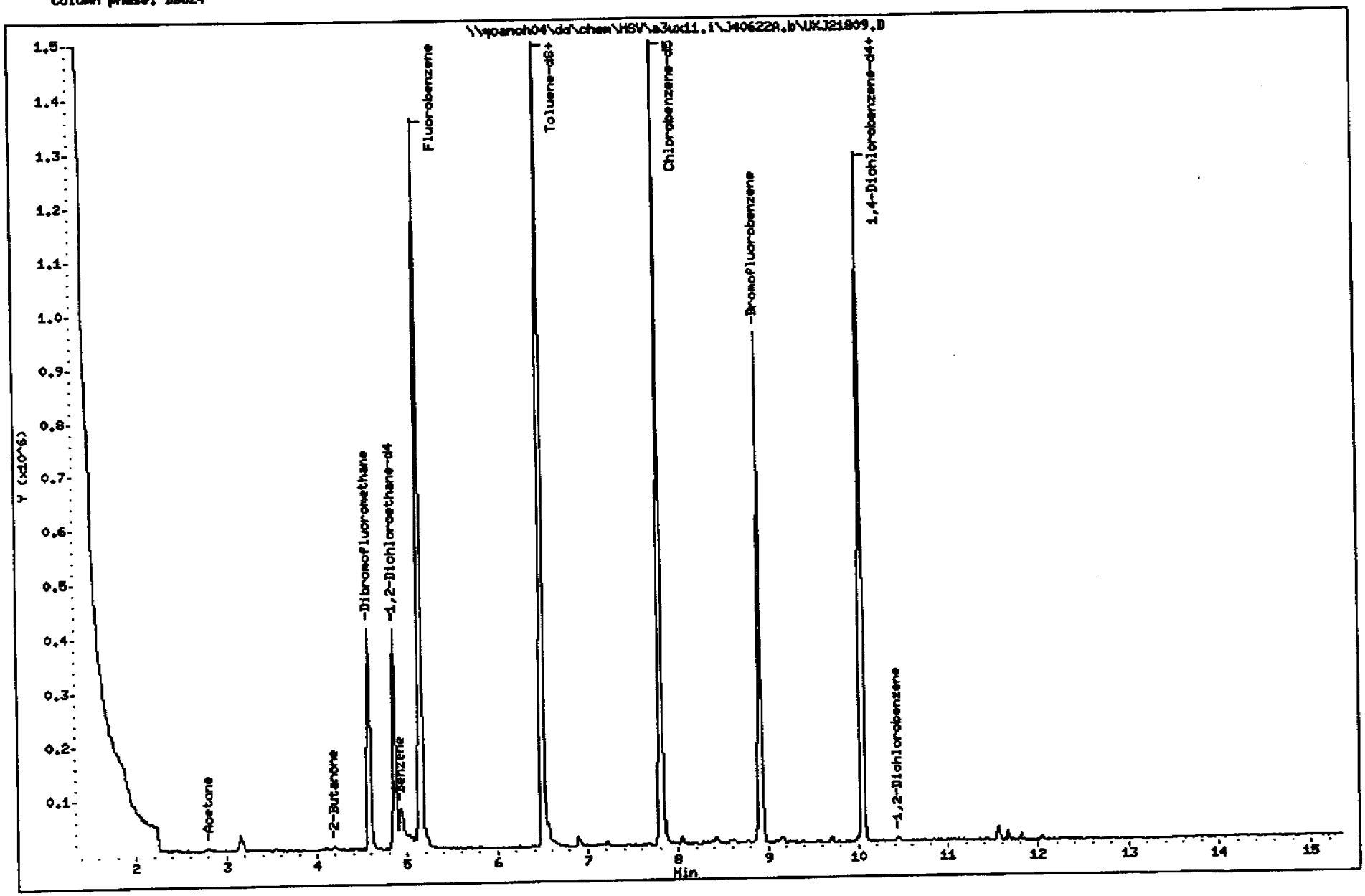
NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ucd1.i\J40622A.b\UKJ21809.D
Date : 22-JUN-2004 13:27
Client ID: TB-01/061104
Sample Info: GH7NG1AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucd1.i
Operator: 43582
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D
Report Date: 23-Jun-2004 08:40

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D
Lab Smp Id: GH7NG1AA Client Smp ID: TB-01/061104
Inj Date : 22-JUN-2004 13:27
Operator : 43582 Inst ID: a3ux11.i
Smp Info : GH7NG1AA,5ML/5ML
Misc Info : J40622A,8260LLUX11,,43582
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 23-Jun-2004 08:35 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1472021	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1097016	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	409328	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	300344	48.7622	9.752
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	355154	49.0765	9.815
$	6 Toluene-d8	98	6.496	6.496	(0.832)	1210805	43.1489	8.630
$	7 Bromofluorobenzene	95	8.922	8.910	(1.142)	442811	41.8368	8.367
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	2.793	2.793	(0.543)	16470	6.41778	1.284
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D
Report Date: 23-Jun-2004 08:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	Compound Not Detected.					
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	4.189	4.189	(0.814)	10948	3.12265	0.6245
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	4.934	4.923	(0.959)	224468	6.75233	1.350
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	6.567	6.556	(0.841)	48399	1.40940	0.2819
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D
Report Date: 23-Jun-2004 08:40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	10.082	10.070	(1.004)	10719	0.88415	0.1768
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	10.449	10.437	(1.040)	5728	0.57577	0.1152
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D

Date : 22-JUN-2004 13:27

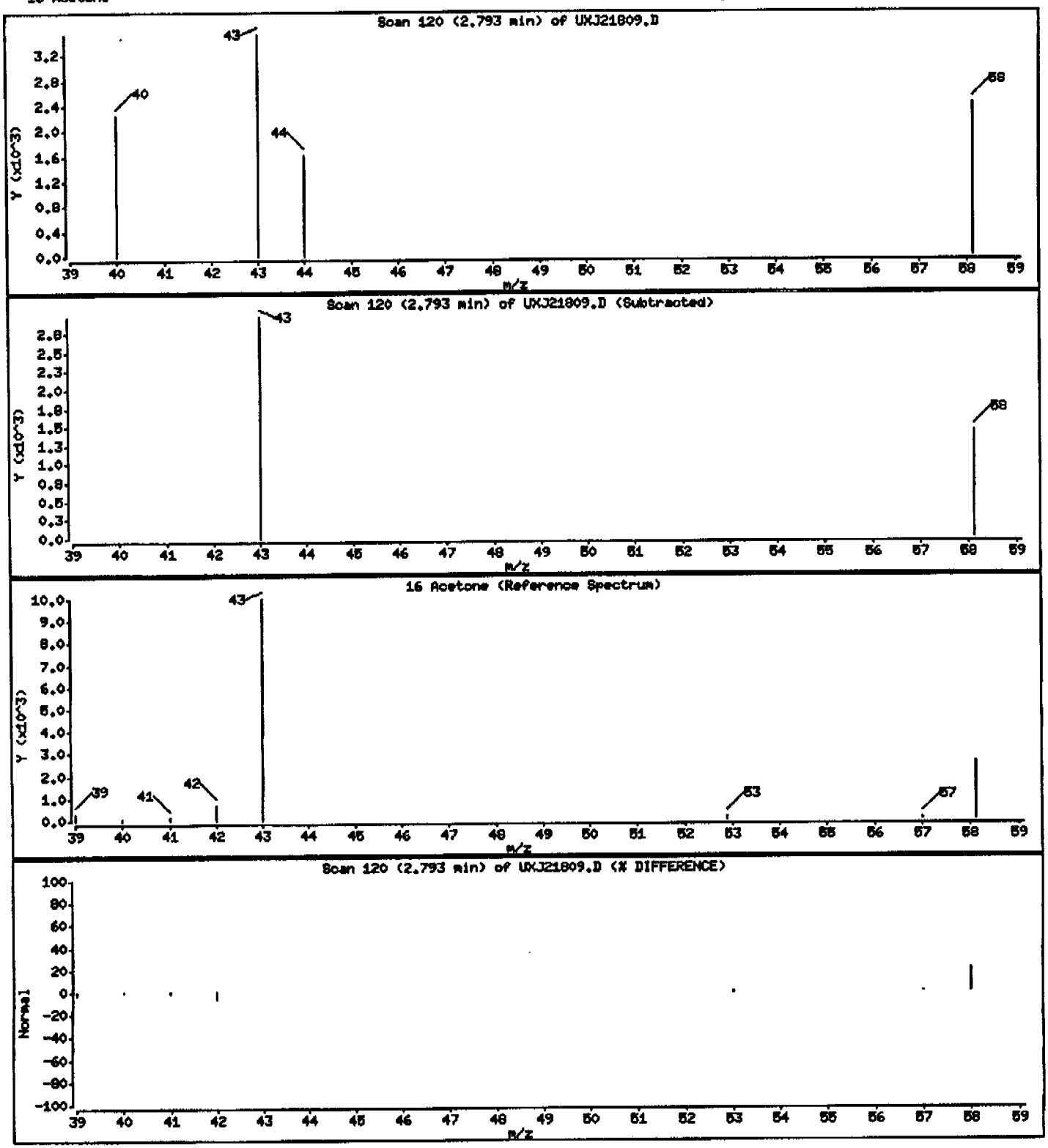
Client ID: TB-01/061104 Instrument: a3uxd11.i

Sample Info: GH7NC1AA,5ML/5ML

Purge Volume: 5.0 Operator: 43582

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 1.284 ug/L



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Date : 22-JUN-2004 13:27

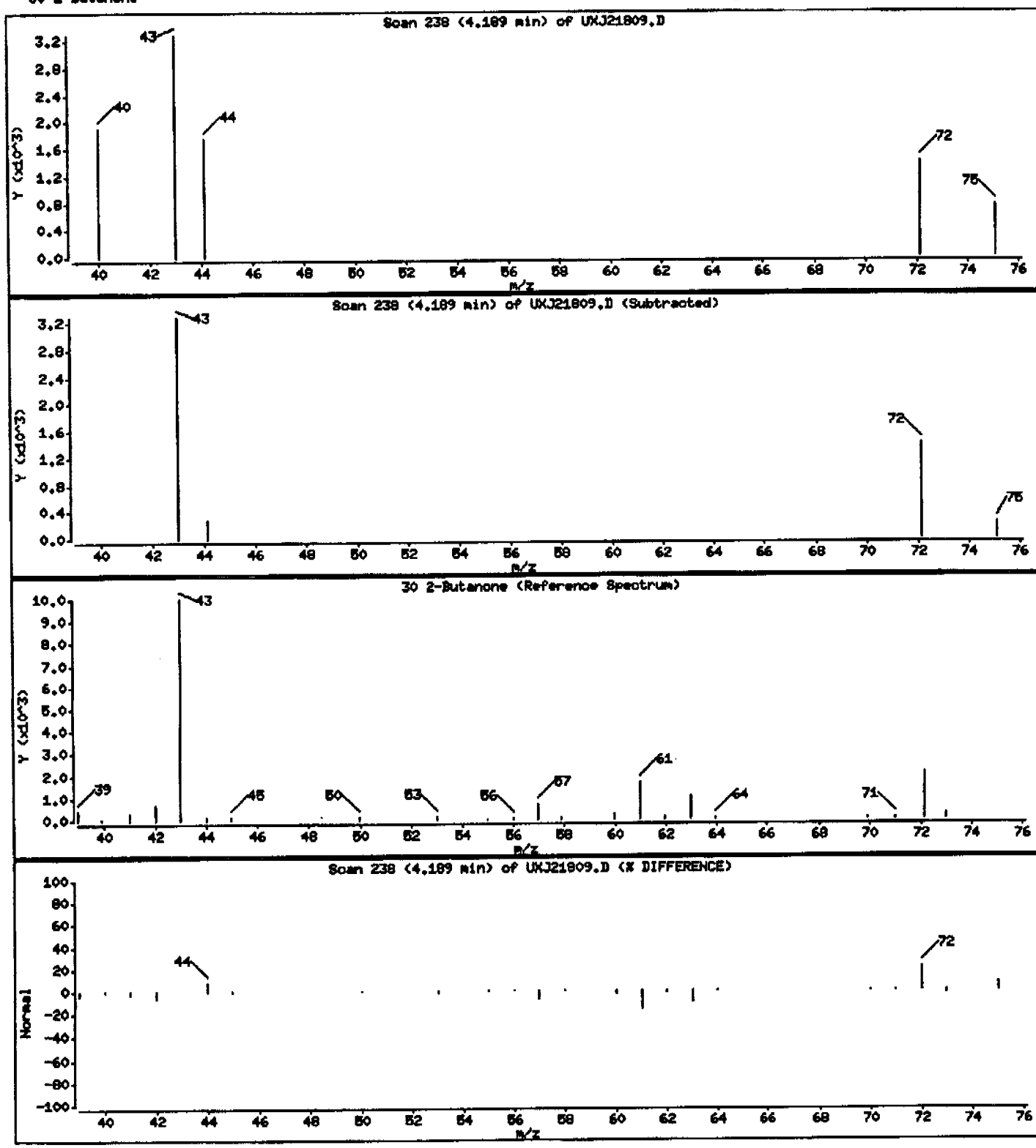
Client ID: TB-01/061104 Instrument: a3ux11.i

Sample Info: GH7NC1AA,5ML/5ML

Purge Volume: 5.0 Operator: 43582

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 0.6245 ug/L



Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40622A.b\UXJ21809.D

Date : 22-JUN-2004 13:27

Client ID: TB-01/061104

Instrument: a3ux11.i

Sample Info: GH7NG1AA,5ML/5ML

Operator: 43582

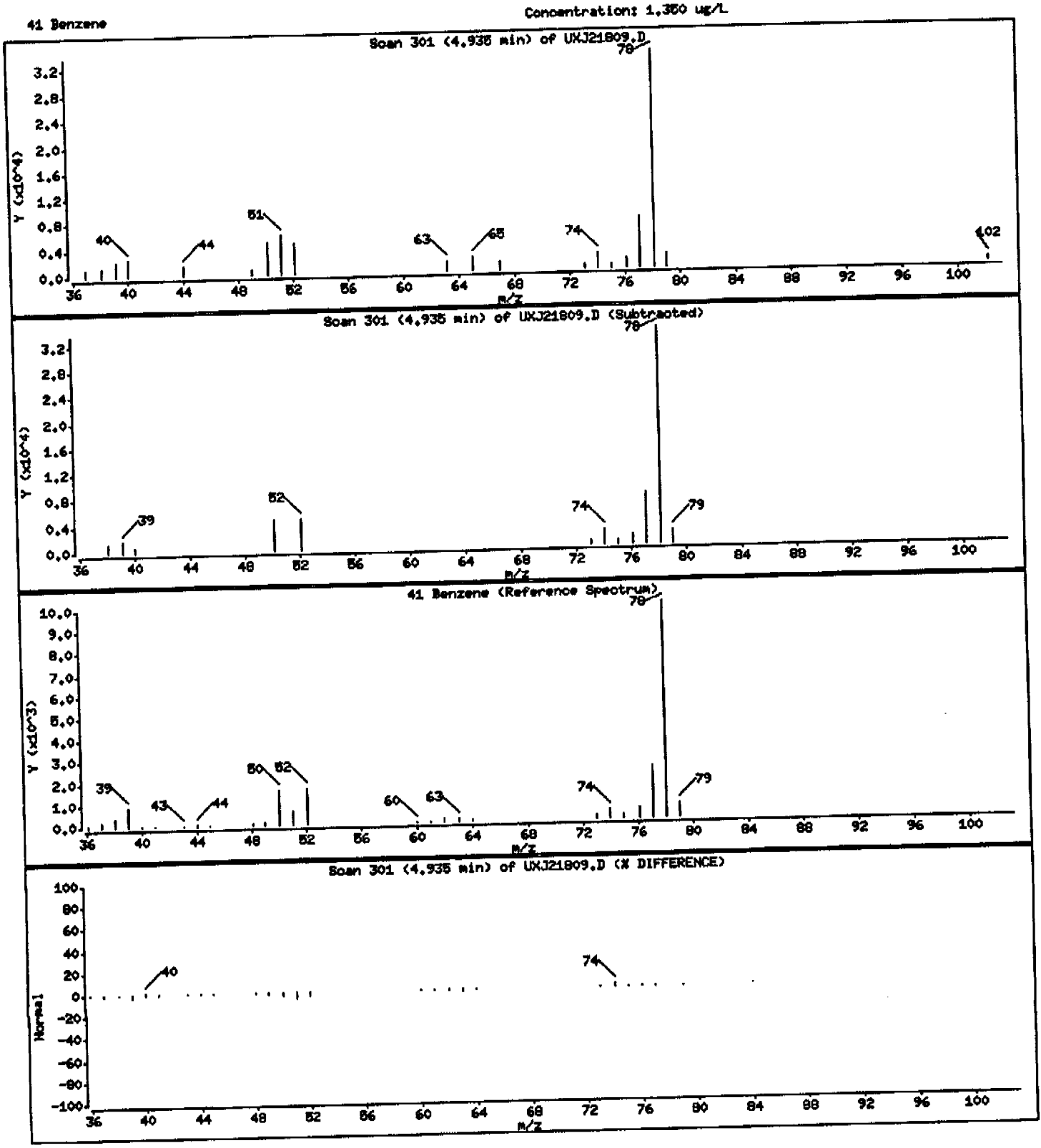
Purge Volume: 5.0

Column diameter: 0.18

Column phase: DB624

Concentration: 1.350 ug/L

41 Benzene



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Date : 22-JUN-2004 13:27

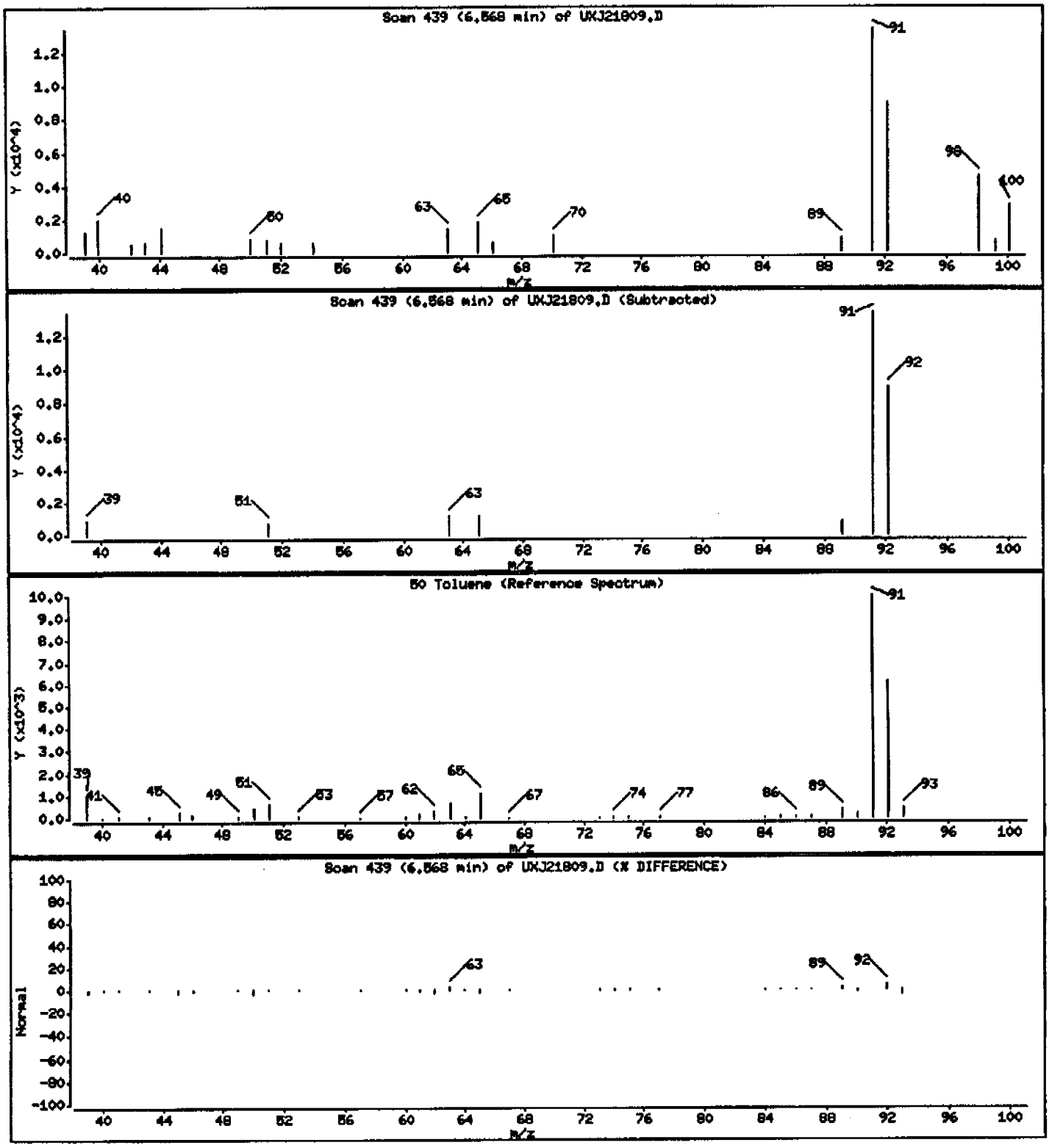
Client ID: TB-01/061104 Instrument: a3ux11.i

Sample Info: GH7NG1AA,5ML/5ML

Purge Volume: 5.0 Operator: 43582

Column phase: DB624 Column diameter: 0.18

50 Toluene Concentration: 0.2819 ug/L



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Date : 22-JUN-2004 13:27

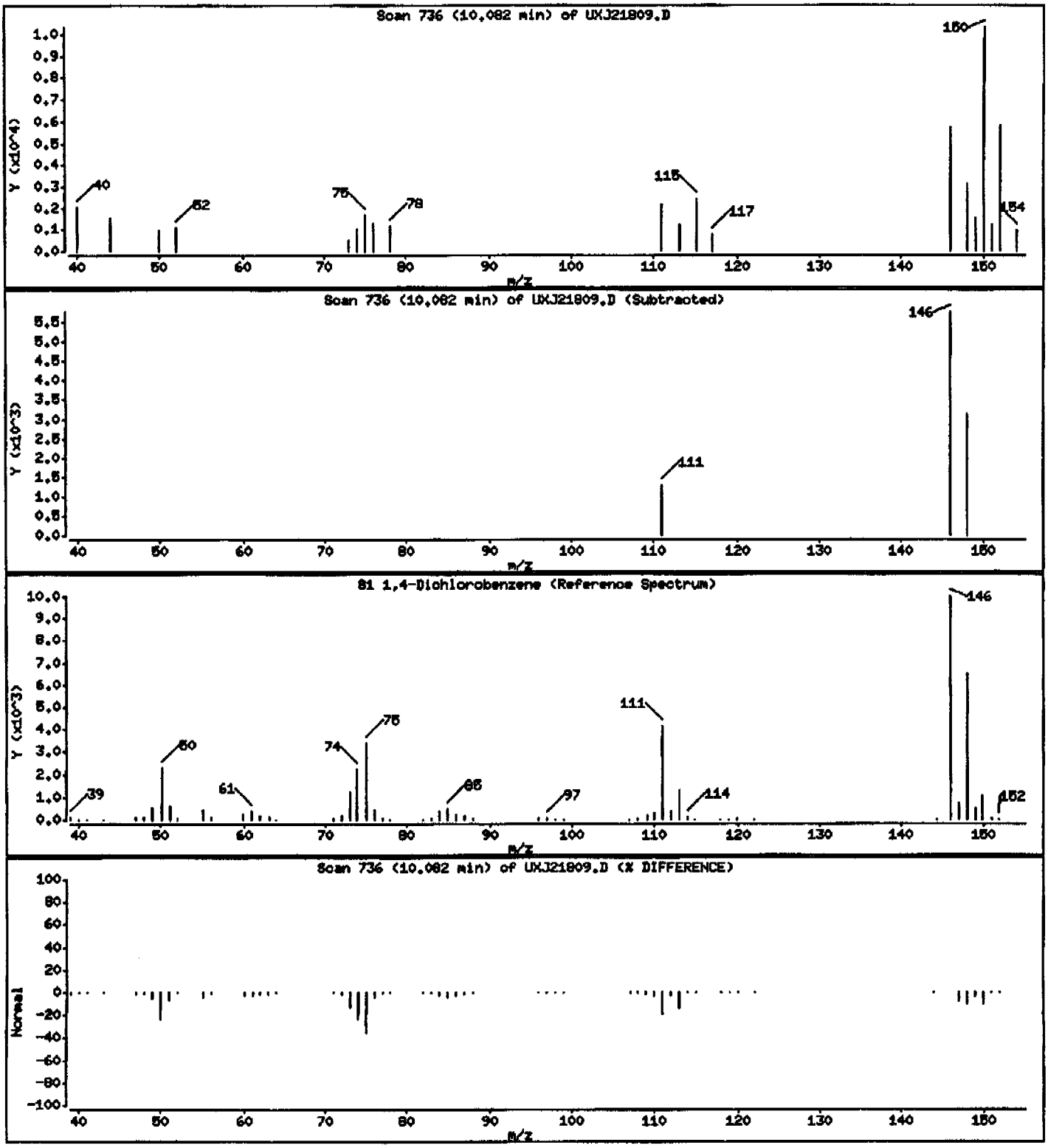
Client ID: TB-01/061104 Instrument: a3ux11.i

Sample Info: CH7NC1AA,5ML/5ML

Purge Volume: 5.0 Operator: 43582

Column phase: DB624 Column diameter: 0.18

81 1,4-Dichlorobenzene Concentration: 0.1768 ug/L



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21809.D

Date : 22-JUN-2004 13:27

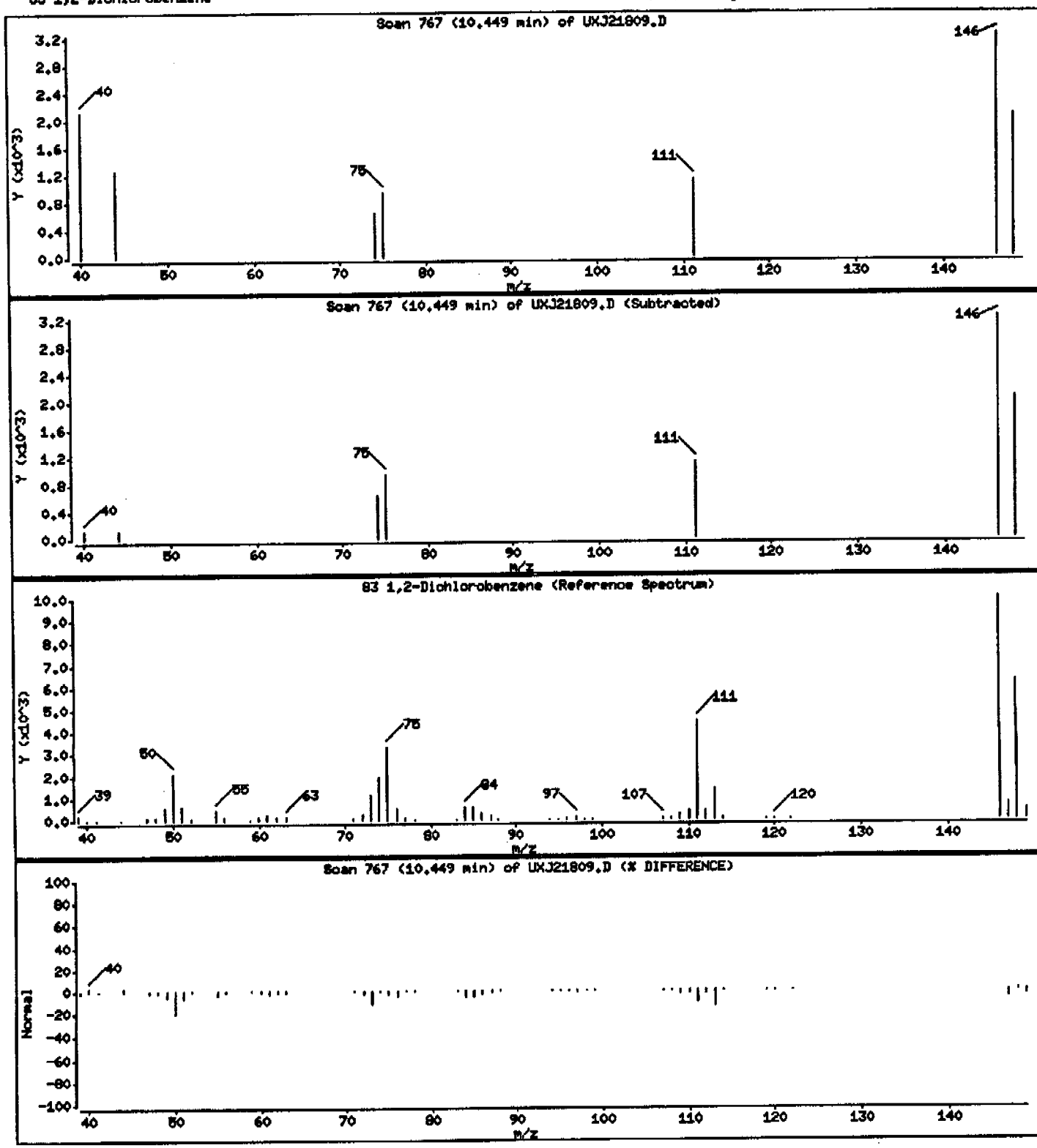
Client ID: TB-01/061104 Instrument: a3ux11.i

Sample Info: CH7NG1AA,5ML/5ML

Purge Volume: 5.0 Operator: 43582

Column phase: DB624 Column diameter: 0.18

83 1,2-Dichlorobenzene Concentration: 0.1152 ug/L



PAYNE FIRM INC.

Client Sample ID: VE527/02.1-02.7/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-001 **Work Order #...:** GJA8Q1AC **Matrix.....:** SO
Date Sampled...: 06/14/04 10:15 **Date Received..:** 06/15/04
Prep Date.....: 06/16/04 **Analysis Date..:** 06/28/04
Prep Batch #...: 4173463
Dilution Factor: 1.04 **Initial Wgt/Vol:** 4.8 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 22 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1300	ug/kg
Acetonitrile	ND	6700	ug/kg
Acrolein	ND	6700	ug/kg
Acrylonitrile	ND	6700	ug/kg
Benzene	**870**	**330**	**ug/kg**
Bromodichloromethane	ND	330	ug/kg
Bromoform	ND	330	ug/kg
Bromomethane	ND	330	ug/kg
Carbon disulfide	ND	330	ug/kg
Carbon tetrachloride	ND	330	ug/kg
Chlorobenzene	ND	330	ug/kg
Chloroprene	ND	330	ug/kg
Dibromochloromethane	ND	330	ug/kg
1,2-Dibromo-3-chloro-propane	ND	670	ug/kg
Chloroethane	ND	330	ug/kg
Chloroform	ND	330	ug/kg
Chloromethane	ND	330	ug/kg
3-Chloro-1-propene	ND	670	ug/kg
Dibromomethane	ND	330	ug/kg
trans-1,4-Dichloro-2-butene	ND	330	ug/kg
Dichlorodifluoromethane	ND	330	ug/kg
1,1-Dichloroethane	**93 J**	**330**	**ug/kg**
1,2-Dichloroethane	ND	330	ug/kg
1,1-Dichloroethene	ND	330	ug/kg
cis-1,2-Dichloroethene	**170 J**	**330**	**ug/kg**
trans-1,2-Dichloroethene	**84 J**	**330**	**ug/kg**
1,2-Dichloroethene (total)	**260 J**	**670**	**ug/kg**
1,2-Dichloropropane	ND	330	ug/kg
cis-1,3-Dichloropropene	ND	330	ug/kg
trans-1,3-Dichloropropene	ND	330	ug/kg
1,4-Dioxane	ND	17000	ug/kg
Ethylbenzene	ND	330	ug/kg
Ethyl methacrylate	ND	330	ug/kg
Trichlorofluoromethane	ND	330	ug/kg
2-Hexanone	ND	1300	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/02.1-02.7/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-001 **Work Order #...:** GJA8Q1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Iodomethane	ND	330	ug/kg
Isobutanol	ND	13000	ug/kg
Methacrylonitrile	ND	330	ug/kg
Methylene chloride	**350**	**330**	**ug/kg**
Methyl methacrylate	ND	330	ug/kg
Propionitrile	ND	1300	ug/kg
Styrene	ND	330	ug/kg
1,1,1,2-Tetrachloroethane	ND	330	ug/kg
1,1,2,2-Tetrachloroethane	ND	330	ug/kg
Tetrachloroethene	ND	330	ug/kg
Toluene	ND	330	ug/kg
1,1,1-Trichloroethane	ND	330	ug/kg
1,1,2-Trichloroethane	ND	330	ug/kg
Trichloroethene	ND	330	ug/kg
1,2,3-Trichloropropane	ND	330	ug/kg
Vinyl acetate	ND	670	ug/kg
Vinyl chloride	ND	330	ug/kg
Xylenes (total)	ND	670	ug/kg
1,2-Dibromoethane (EDB)	ND	330	ug/kg
2-Butanone (MEK)	ND	1300	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	1300	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	70	(59 - 138)
1,2-Dichloroethane-d4	59 *	(61 - 130)
Toluene-d8	59 *	(60 - 143)
4-Bromofluorobenzene	55	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

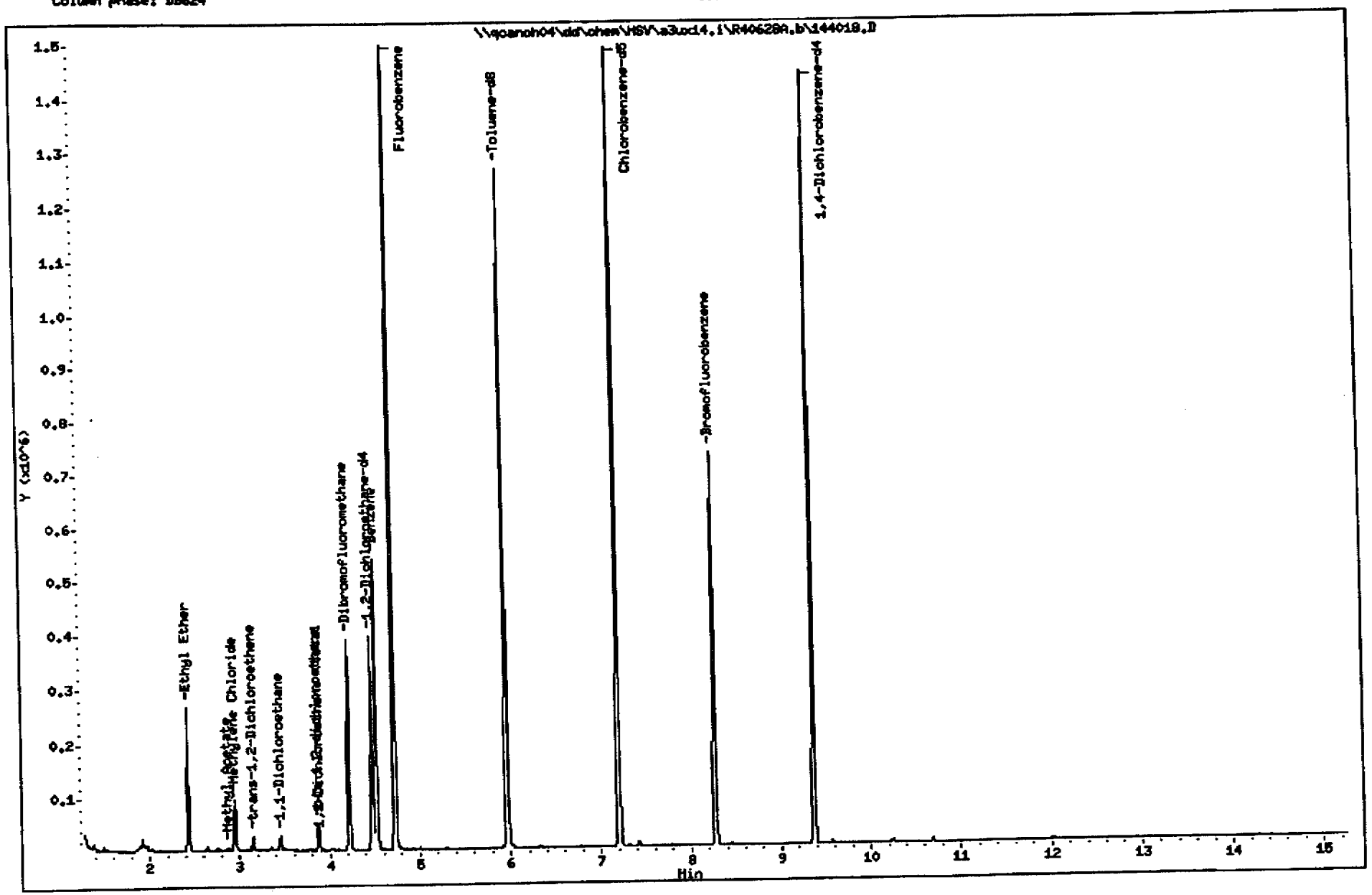
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ucl4.i\R40628A.b\144018.D
Date : 28-JUN-2004 15:18
Client ID: VE527/02.1-02.7/061
Sample Info: GJA8Q1AC,,2,100UL/5ML,,4.8,5000
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucl4.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D
Report Date: 29-Jun-2004 11:32

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D
Lab Smp Id: GJA8Q1AC Client Smp ID: VE527/02.1-02.7/061
Inj Date : 28-JUN-2004 15:18
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GJA8Q1AC,,2,100UL/5ML,,4.8,5000
Misc Info : R40628A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m
Meth Date : 29-Jun-2004 11:26 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Va*Vt/Ws

Name	Value	Description
DF	1.000	Dilution Factor
Va	100.000	Injection Volume
Vt	5000.000	Final Volume
Ws	4.800	Soil amount

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1153498	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	676580	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	306508	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	172205	174.595	1818.7
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	226552	148.142	1543.1(R)
$	6 Toluene-d8	98	5.963	5.963	(0.828)	684711	147.212	1533.4(R)
$	7 Bromofluorobenzene	95	8.268	8.269	(1.149)	235686	137.848	1435.9
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D
Report Date: 29-Jun-2004 11:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
17	1,1-Dichloroethene	96	Compound Not Detected.					
18	Freon-113	151	Compound Not Detected.					
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	Compound Not Detected.					
21	Methylene Chloride	84	2.951	2.951	(0.625)	36432	26.1564	272.46
22	Acetonitrile	41	Compound Not Detected.					
23	Acrylonitrile	53	Compound Not Detected.					
24	Methyl tert-butyl ether	73	Compound Not Detected.					
25	trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	7552	6.30559	65.683
26	Hexane	86	Compound Not Detected.					
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.450	3.456	(0.731)	19341	6.94809	72.376
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	Compound Not Detected.					
M 31	1,2-Dichloroethene (total)	96				24920	19.2709	200.74
32	cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	17368	12.9654	135.06
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	Compound Not Detected.					
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	Compound Not Detected.					
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	Compound Not Detected.					
40	1,2-Dichloroethane	62	Compound Not Detected.					
41	Benzene	78	4.521	4.521	(0.957)	382888	65.5264	682.57
42	Trichloroethene	130	Compound Not Detected.					
43	1,2-Dichloropropane	63	Compound Not Detected.					
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	Compound Not Detected.					
47	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
48	cis-1,3-Dichloropropene	75	Compound Not Detected.					
49	4-Methyl-2-pentanone	43	Compound Not Detected.					
50	Toluene	91	Compound Not Detected.					
51	trans-1,3-Dichloropropene	75	Compound Not Detected.					
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	Compound Not Detected.					
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	Compound Not Detected.					
56	2-Hexanone	43	Compound Not Detected.					
57	Dibromochloromethane	129	Compound Not Detected.					
58	1,2-Dibromoethane	107	Compound Not Detected.					
59	Chlorobenzene	112	Compound Not Detected.					
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	Compound Not Detected.					
62	m + p-Xylene	106	Compound Not Detected.					
M 63	Xylenes (total)	106	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D
Report Date: 29-Jun-2004 11:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
64 Xylene-o	106	Compound Not Detected.					
65 Styrene	104	Compound Not Detected.					
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	2.428	2.428	(0.514)	101122	98.3025	1024.0
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	2.872	2.872	(0.608)	4601	5.40877	56.341
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanch04\dd\chem\HSV\a3ux14.i\R40628A.b\144018.D

Date : 29-JUN-2004 15:18

Client ID: VE527/02,1-02,7/061

Instrument: a3ux14.i

Sample Info: GJA8Q1AC,,2,100UL/5ML,,4.8,5000

Purge Volume: 5.0

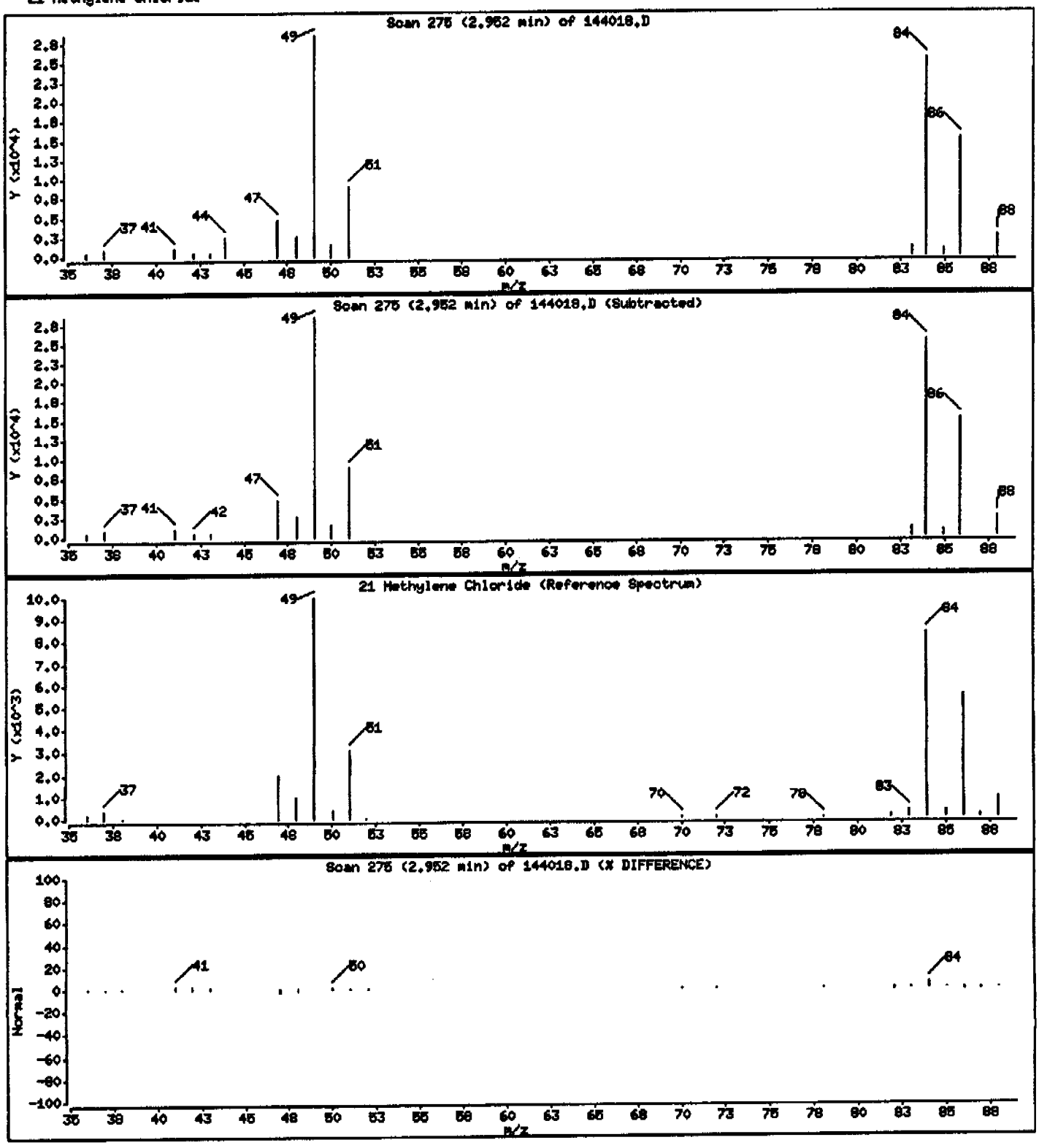
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 272.46 UG/KG



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Date : 28-JUN-2004 15:18

Client ID: VE527/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: GJA8Q1AC,,2,100UL/5ML,,4.8,5000

Purge Volume: 5.0

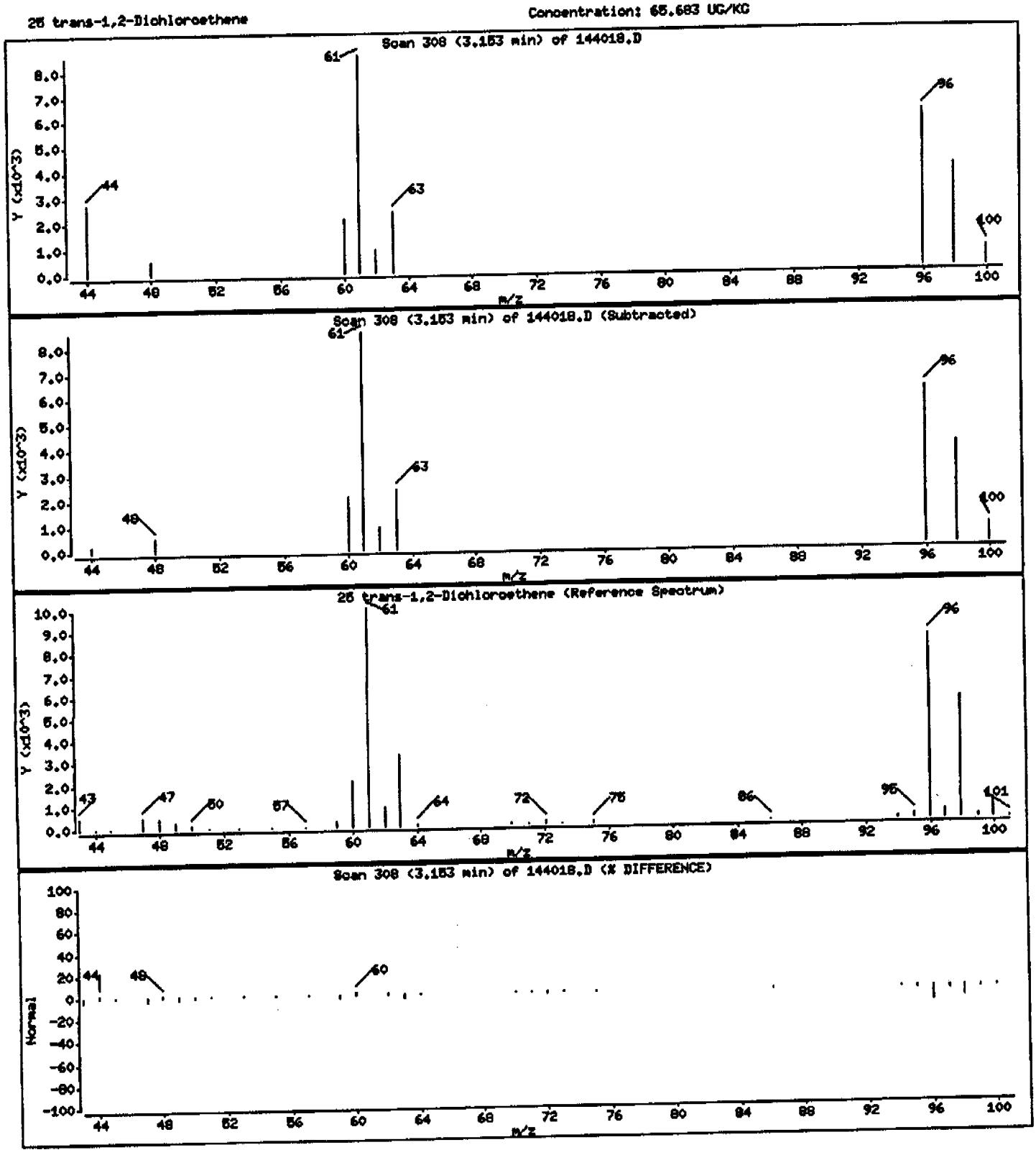
Operator: 2807

Column phase: DB624

Column diameter: 0.18

26 trans-1,2-Dichloroethene

Concentration: 65.683 UG/KG



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Date : 28-JUN-2004 15:18

Client ID: VE527/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: GJA801AC,,2,100UL/5ML,,4.9,5000

Operator: 2807

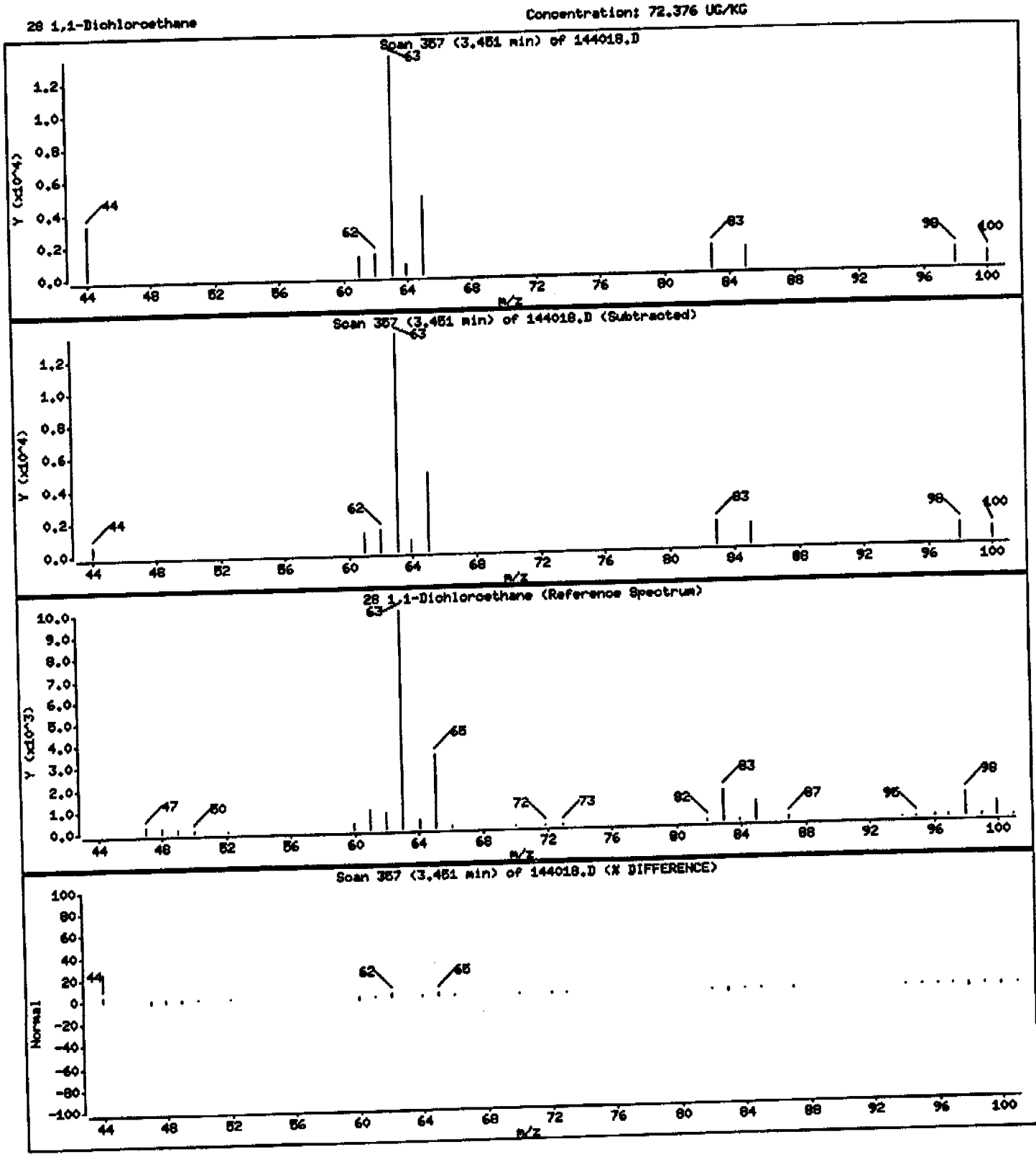
Purge Volume: 5.0

Column diameter: 0.18

Column phase: DB624

Concentration: 72.376 UG/KG

28 1,1-Dichloroethane



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Date : 28-JUN-2004 15:18

Client ID: VE527/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: GJA8Q1AC,,2,100UL/5ML,,4.8,5000

Operator: 2807

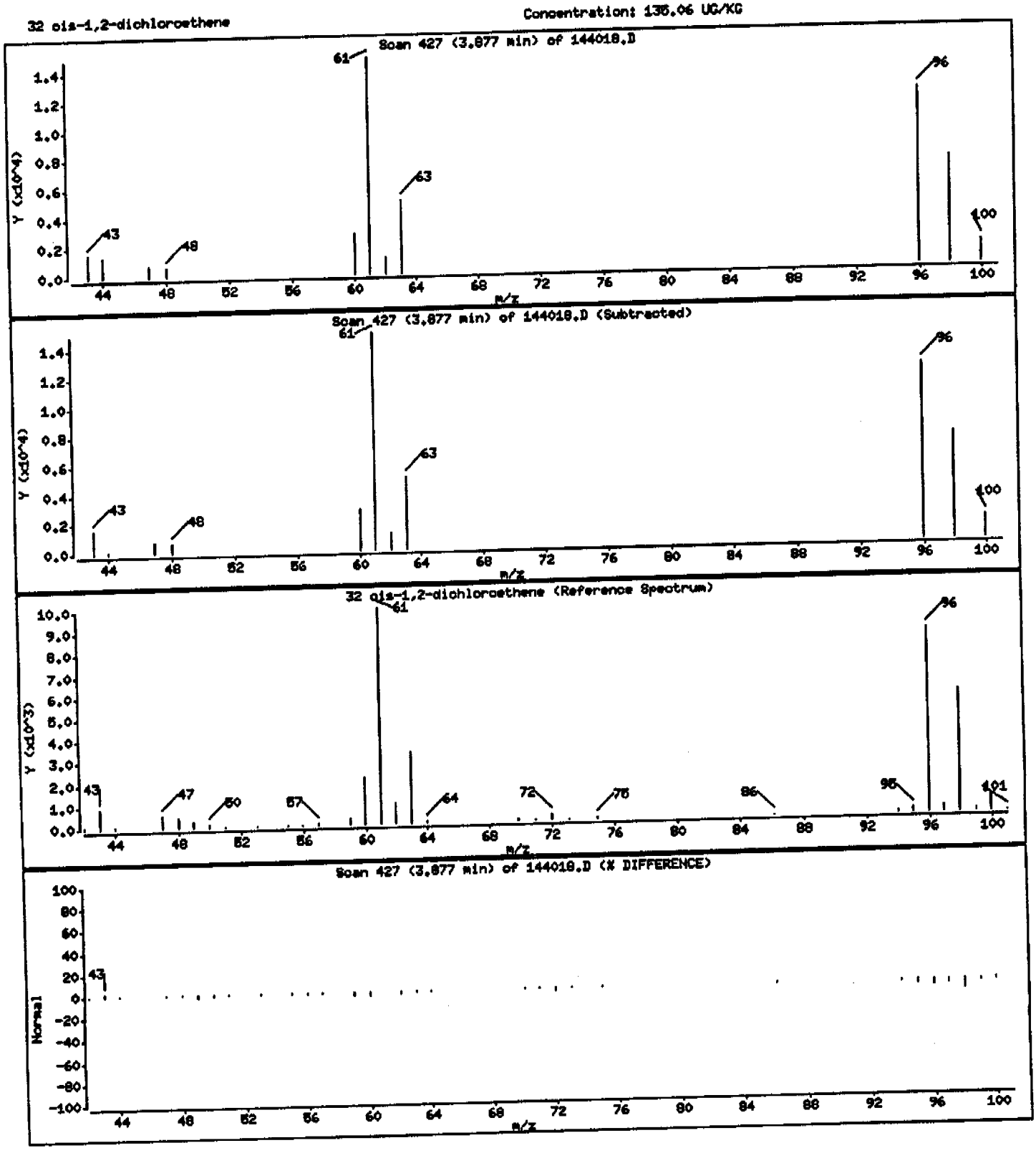
Purge Volume: 5.0

Column diameter: 0.18

Column phase: DB624

Concentration: 136.06 UG/KG

32 cis-1,2-dichloroethene



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Date : 28-JUN-2004 15:18

Client ID: VE527/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: GJA8Q1AC,,2,100UL/5ML,,4.8,5000

Purge Volume: 5.0

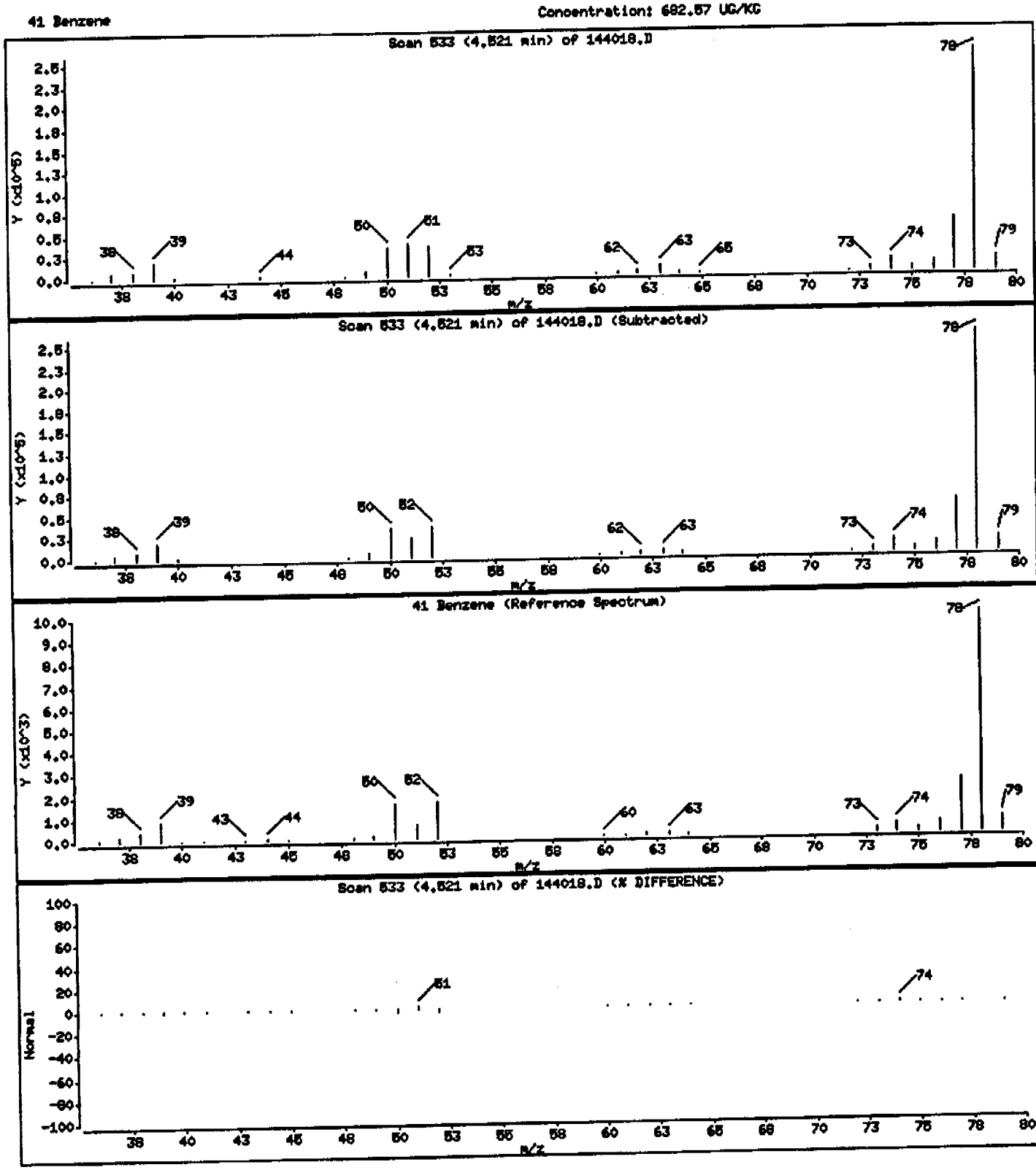
Operator: 2807

Column phase: DB624

Column diameter: 0.18

Concentration: 692.57 UG/KG

41 Benzene



Data File: \\qoanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D

Date : 28-JUN-2004 15:18

Client ID: VE627/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: CJA8Q1AC,,2,100UL/5ML,,4.8,5000

Purge Volume: 5.0

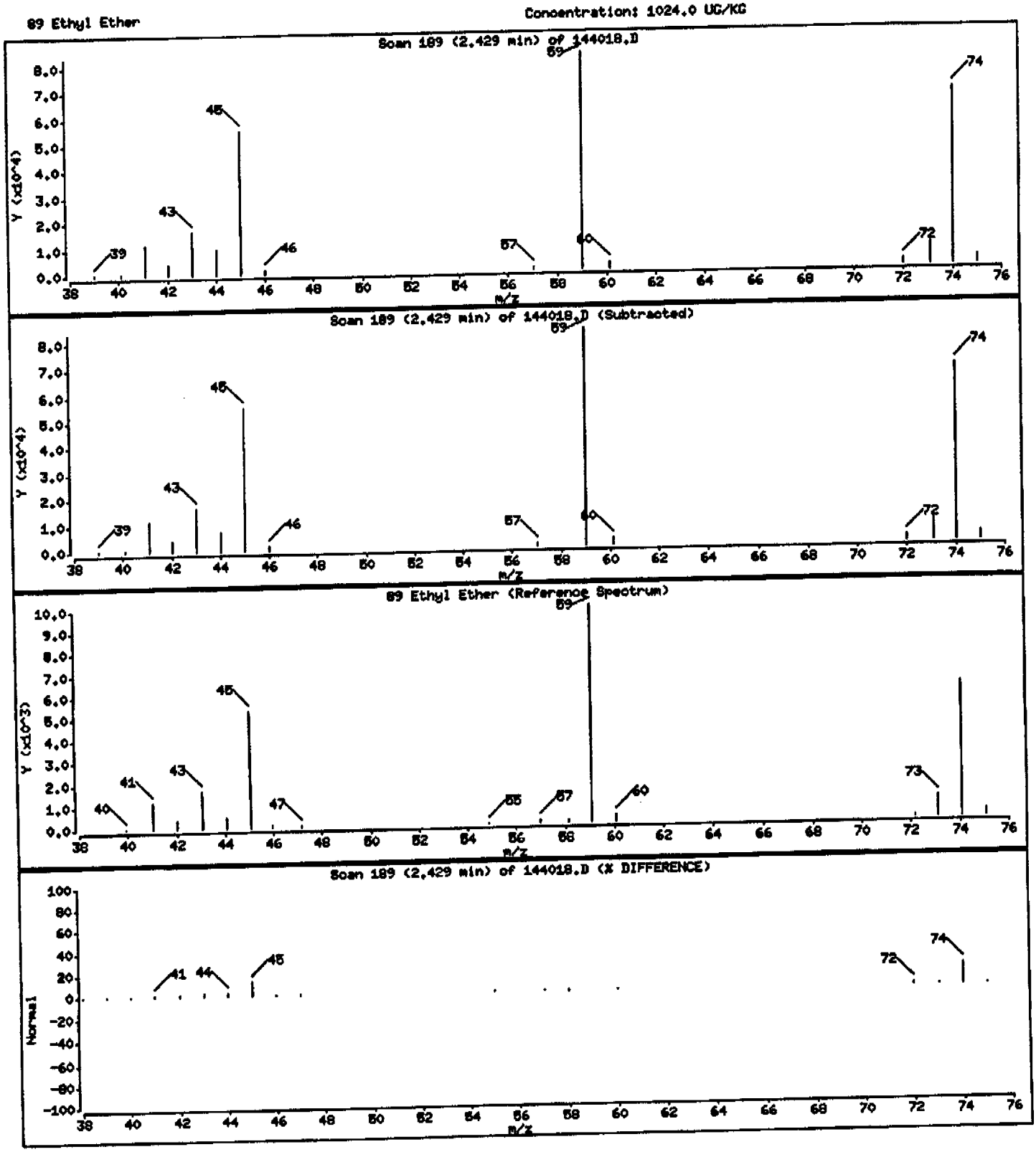
Operator: 2807

Column phase: DB624

Column diameter: 0.18

89 Ethyl Ether

Concentration: 1024.0 UG/KG



Data File: \\qcanch04\dd\chem\MSV\a3ux14.i\R40628A.b\144018.D

Date : 28-JUN-2004 15:18

Client ID: VE527/02.1-02.7/061

Instrument: a3ux14.i

Sample Info: GJABQ1AC,,2,100UL/5ML,,4.8,5000

Operator: 2807

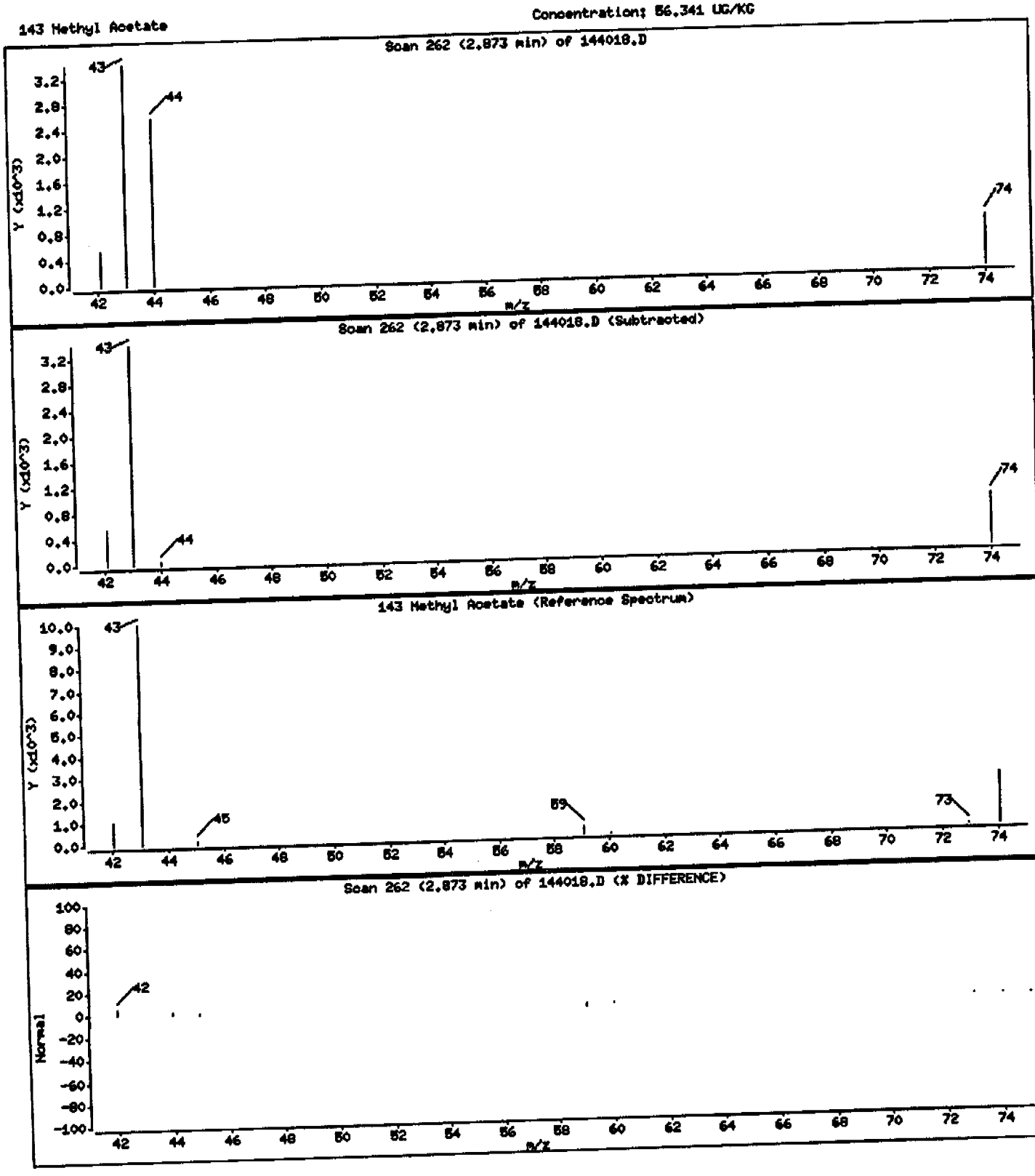
Purge Volume: 5.0

Column diameter: 0.18

Column phase: DB624

Concentration: 56.341 UG/KG

143 Methyl Acetate



PAYNE FIRM INC.

Client Sample ID: VE527/07.3-08.5/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-003 **Work Order #...:** GJCAR1AC **Matrix.....:** SO
Date Sampled...: 06/14/04 10:30 **Date Received..:** 06/15/04
Prep Date.....: 06/24/04 **Analysis Date..:** 06/24/04
Prep Batch #...: 4177231
Dilution Factor: 1.04 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloroethene (total)	ND	13	ug/kg
3-Chloro-1-propene	ND	13	ug/kg
Isobutanol	ND	250	ug/kg
Acetone	**7.4 J**	**25**	**ug/kg**
Acetonitrile	ND	130	ug/kg
Acrolein	ND	130	ug/kg
Acrylonitrile	ND	130	ug/kg
Benzene	ND	6.3	ug/kg
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone (MEK)	ND	25	ug/kg
Carbon disulfide	ND	6.3	ug/kg
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroprene	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	13	ug/kg
1,2-Dibromoethane (EDB)	ND	6.3	ug/kg
Dibromomethane	ND	6.3	ug/kg
trans-1,4-Dichloro-2-butene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
1,4-Dioxane	**300 J**	**310**	**ug/kg**
Ethylbenzene	ND	6.3	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/07.3-08.5/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-003 **Work Order #...:** GJCAR1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	6.3	ug/kg
2-Hexanone	ND	25	ug/kg
Iodomethane	ND	6.3	ug/kg
Methacrylonitrile	ND	6.3	ug/kg
Methylene chloride	**3.8 J,B**	**6.3**	**ug/kg**
Methyl methacrylate	ND	6.3	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	25	ug/kg
Propionitrile	ND	25	ug/kg
Styrene	ND	6.3	ug/kg
1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
Toluene	ND	6.3	ug/kg
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,2,3-Trichloropropane	ND	6.3	ug/kg
Vinyl acetate	ND	13	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	13	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	116	(60 - 143)
4-Bromofluorobenzene	35 *	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

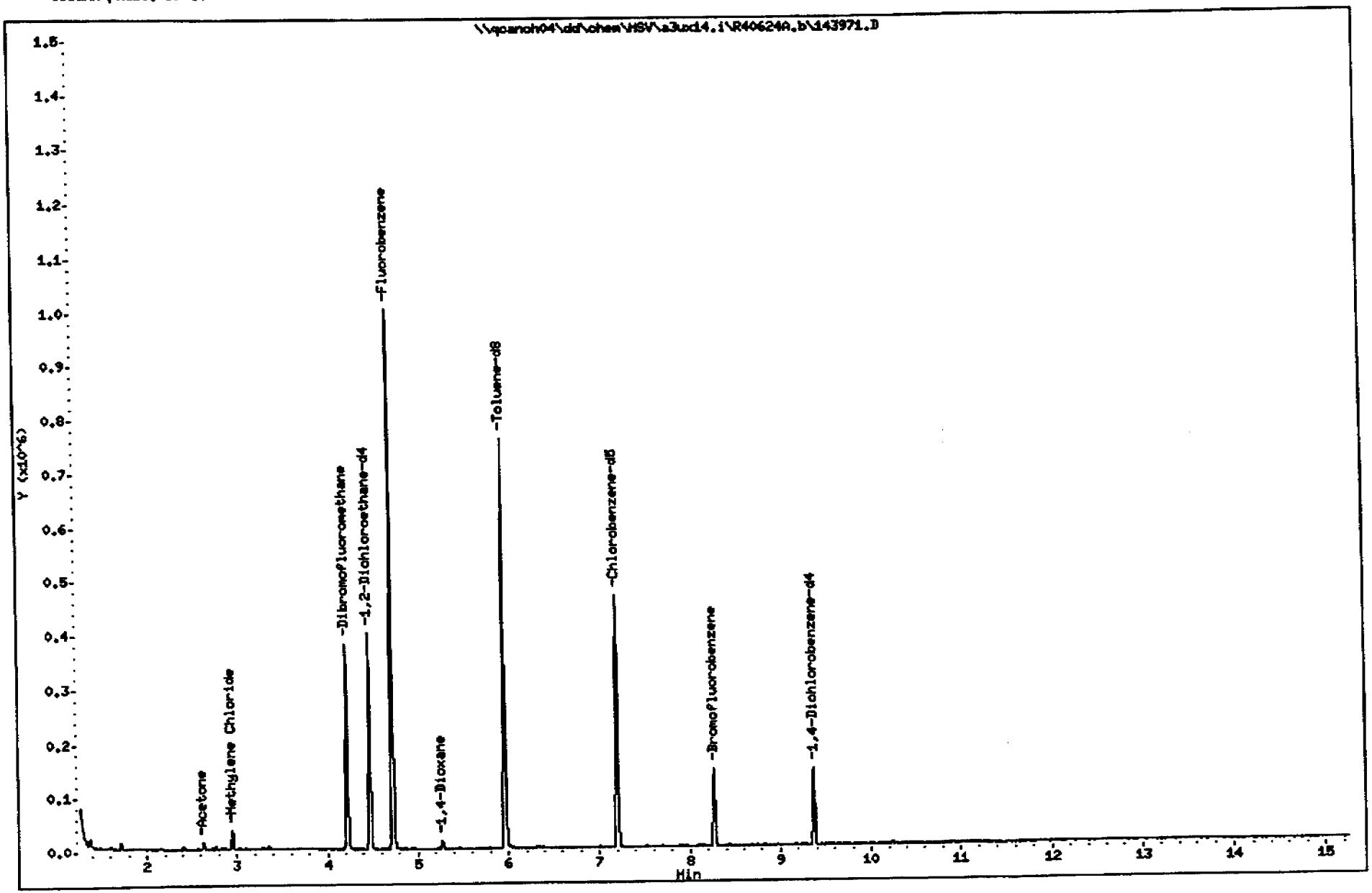
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ud14.i\R40624A.b\143971.D
Date : 24-JUN-2004 19:27
Client ID: VE527/07,3-08.5/061
Sample Info: CJCAR1AC,4.8G/5ML
Purge Volume: 4.8
Column phase: DB624

Instrument: a3ud14.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143971.D
Report Date: 25-Jun-2004 12:31

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143971.D
Lab Smp Id: GJCAR1AC Client Smp ID: VE527/07.3-08.5/061
Inj Date : 24-JUN-2004 19:27
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GJCAR1AC,4.8G/5ML
Misc Info : R40624A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 25-Jun-2004 12:16 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	4.800	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	679719	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	214556	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	33079	250.000	
§	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	167810	288.730	60.152
§	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	223557	248.076	51.682
§	6 Toluene-d8	98	5.969	5.963	(0.829)	428618	290.593	60.540
§	7 Bromofluorobenzene	95	8.269	8.269	(1.148)	47435	87.4871	18.226(R)
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	2.635	2.629	(0.558)	11904	29.2135	6.086
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143971.D
Report Date: 25-Jun-2004 12:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.952	2.952	(0.625)	12490	15.2175	3.170
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	7768	1169.94	243.74
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143971.D
Report Date: 25-Jun-2004 12:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qoanoh04\dd\chem\MSV\a3uxd14.i\R40624A.b\143971.D

Date : 24-JUN-2004 19:27

Client ID: VE527/07.3-08.5/061

Instrument: a3uxd14.i

Sample Info: GJCAR1AC,4.8G/5ML

Purge Volume: 4.8

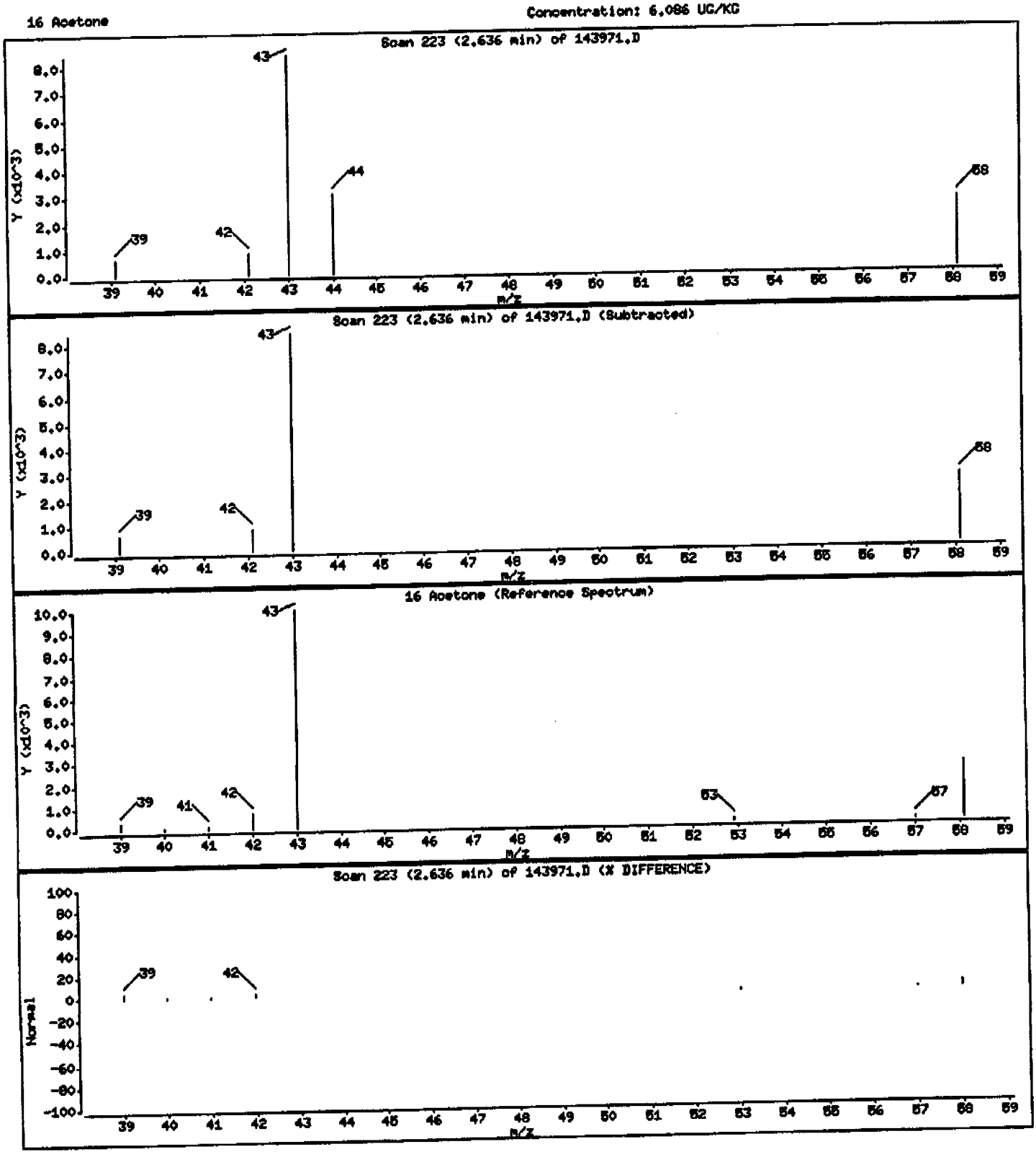
Operator: 2807

Column phase: DB624

Column diameter: 0.18

Concentration: 6.086 UG/KG

16 Acetone



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Date : 24-JUN-2004 19:27

Client ID: VE527/07.3-08.5/061

Instrument: a3ux14.i

Sample Info: CJCAR1AC,4.0G/5ML

Purge Volume: 4.0

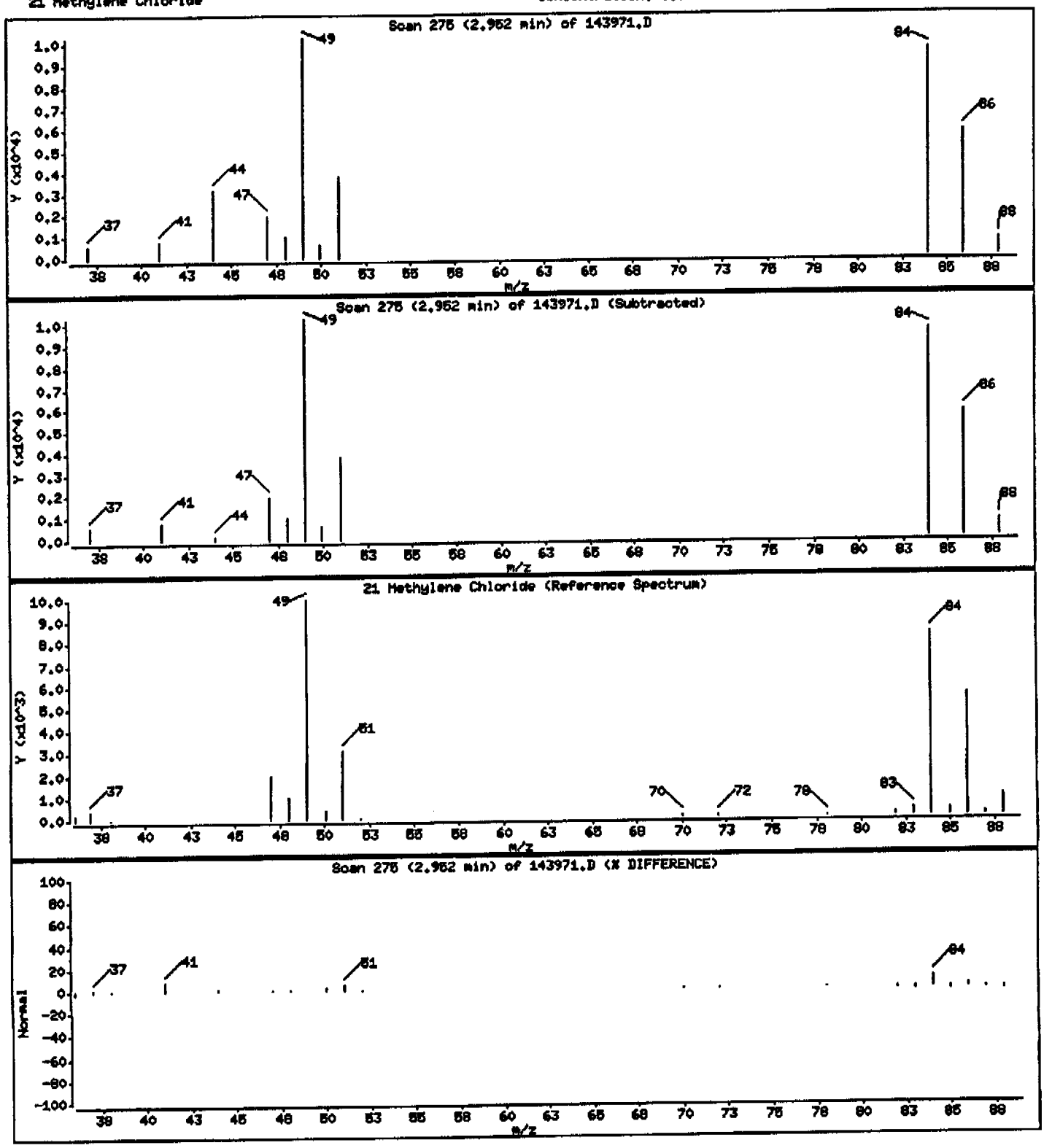
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 3.170 UG/KG



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Date : 24-JUN-2004 19:27

Client ID: VE527/07.3-08.5/061

Sample Info: GJCAR1AC,4.8G/8ML

Purge Volume: 4.8

Column phase: DB624

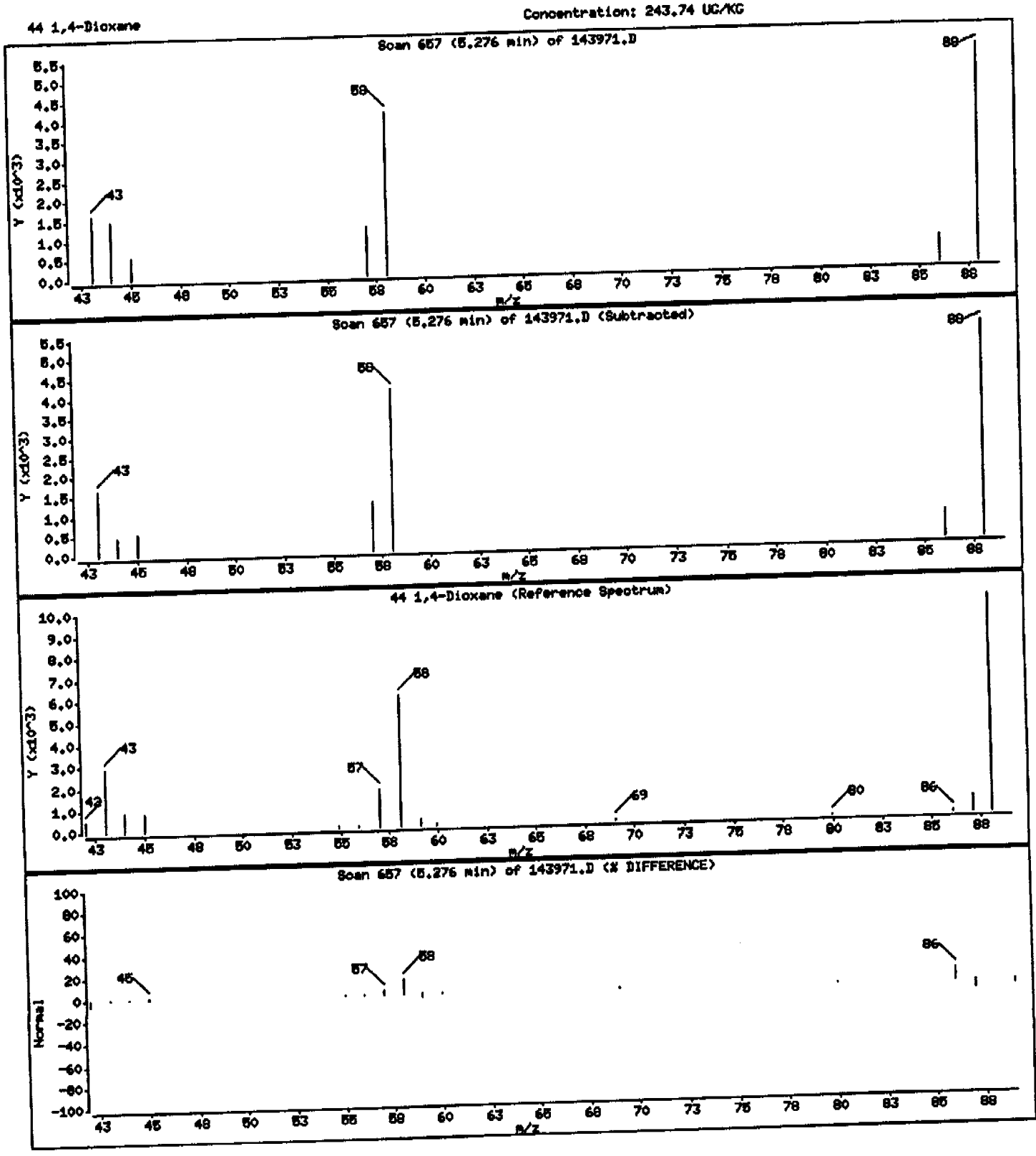
Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18

Concentration: 243.74 UG/KG

44 1,4-Dioxane



PAYNE FIRM INC.

Client Sample ID: VE527/12.5-13.5/061404

GC/MS Volatiles

Lot-Sample #...:	A4F150251-004	**Work Order #...:**	GJCA51AC	**Matrix.....:**	SO
Date Sampled...:	06/14/04 11:00	**Date Received..:**	06/15/04		
Prep Date.....:	06/24/04	**Analysis Date..:**	06/24/04		
Prep Batch #...:	4177231				
Dilution Factor:	0.82	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	21	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	5.2	ug/kg
1,2-Dichloroethene (total)	ND	10	ug/kg
3-Chloro-1-propene	ND	10	ug/kg
Isobutanol	ND	210	ug/kg
Acetone	**22**	**21**	**ug/kg**
Acetonitrile	**8.9 J**	**100**	**ug/kg**
Acrolein	ND	100	ug/kg
Acrylonitrile	ND	100	ug/kg
Benzene	ND	5.2	ug/kg
Bromodichloromethane	ND	5.2	ug/kg
Bromoform	ND	5.2	ug/kg
Bromomethane	ND	5.2	ug/kg
2-Butanone (MEK)	ND	21	ug/kg
Carbon disulfide	ND	5.2	ug/kg
Carbon tetrachloride	ND	5.2	ug/kg
Chlorobenzene	ND	5.2	ug/kg
Chloroprene	ND	5.2	ug/kg
Dibromochloromethane	ND	5.2	ug/kg
Chloroethane	ND	5.2	ug/kg
Chloroform	ND	5.2	ug/kg
Chloromethane	ND	5.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg
1,2-Dibromoethane (EDB)	ND	5.2	ug/kg
Dibromomethane	ND	5.2	ug/kg
trans-1,4-Dichloro-2-butene	ND	5.2	ug/kg
Dichlorodifluoromethane	ND	5.2	ug/kg
1,1-Dichloroethane	ND	5.2	ug/kg
1,2-Dichloroethane	ND	5.2	ug/kg
trans-1,2-Dichloroethene	ND	5.2	ug/kg
1,1-Dichloroethene	ND	5.2	ug/kg
1,2-Dichloropropane	ND	5.2	ug/kg
cis-1,3-Dichloropropene	ND	5.2	ug/kg
trans-1,3-Dichloropropene	ND	5.2	ug/kg
1,4-Dioxane	ND	260	ug/kg
Ethylbenzene	ND	5.2	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/12.5-13.5/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-004 **Work Order #...:** GJCA51AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	5.2	ug/kg
2-Hexanone	ND	21	ug/kg
Iodomethane	ND	5.2	ug/kg
Methacrylonitrile	ND	5.2	ug/kg
Methylene chloride	**4.6 J,B**	**5.2**	**ug/kg**
Methyl methacrylate	ND	5.2	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	21	ug/kg
Propionitrile	ND	21	ug/kg
Styrene	ND	5.2	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.2	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg
Tetrachloroethene	ND	5.2	ug/kg
Toluene	ND	5.2	ug/kg
1,1,1-Trichloroethane	ND	5.2	ug/kg
1,1,2-Trichloroethane	ND	5.2	ug/kg
Trichloroethene	ND	5.2	ug/kg
Trichlorofluoromethane	ND	5.2	ug/kg
1,2,3-Trichloropropane	ND	5.2	ug/kg
Vinyl acetate	ND	10	ug/kg
Vinyl chloride	ND	5.2	ug/kg
Xylenes (total)	ND	10	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	127	(59 - 138)
1,2-Dichloroethane-d4	106	(61 - 130)
Toluene-d8	122	(60 - 143)
4-Bromofluorobenzene	39 *	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

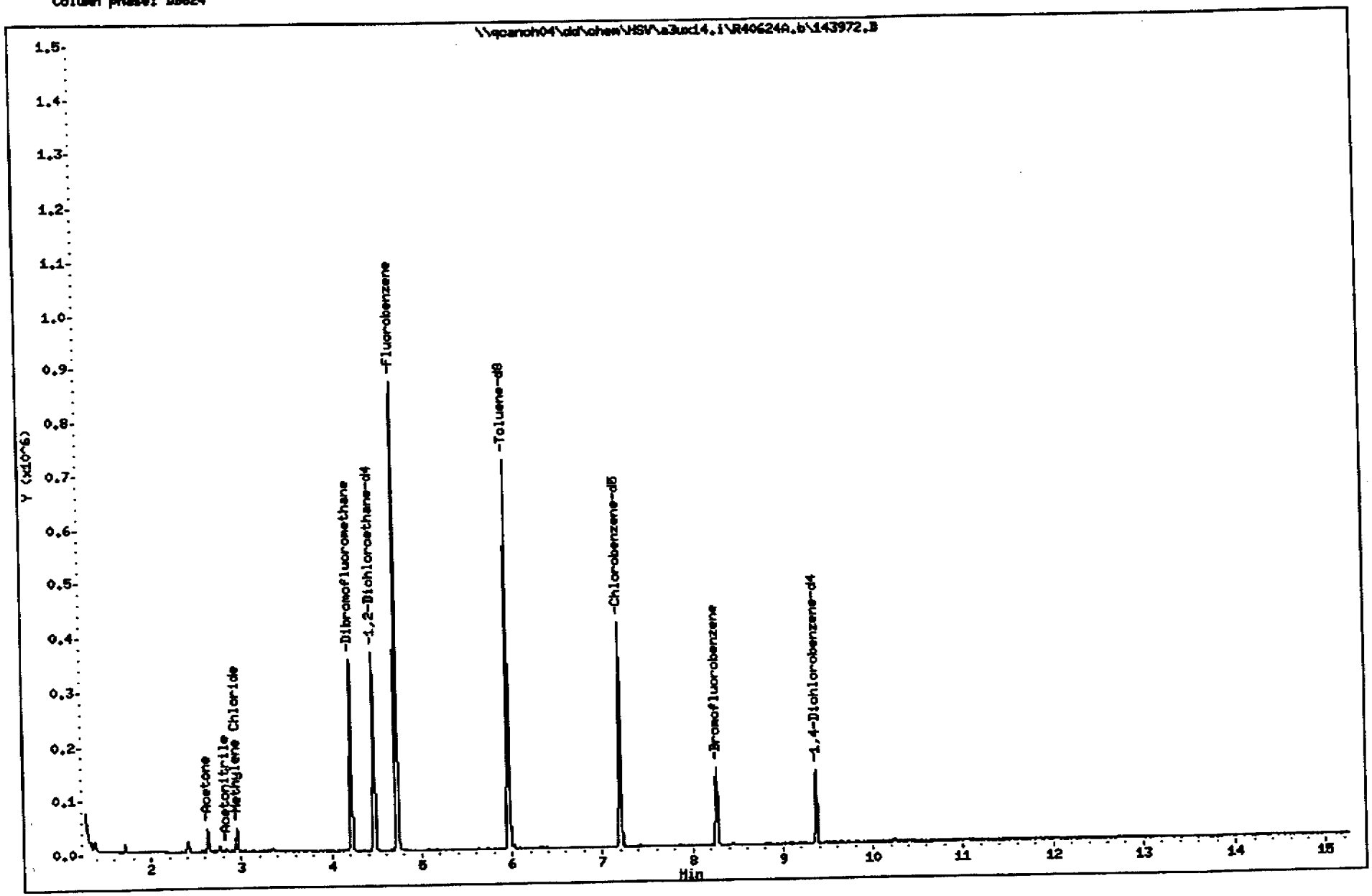
J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\MSV\a3ucd14.i\R40624A.b\143972.D
Date : 24-JUN-2004 19:52
Client ID: VE527/12.5-13.5/061
Sample Info: CJCA61AC,6.1G/5ML
Purge Volume: 6.1
Column phase: DB624

Instrument: a3ucd14.i

Operator: 2907
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143972.D
Report Date: 25-Jun-2004 12:31

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143972.D
Lab Smp Id: GJCA51AC Client Smp ID: VE527/12.5-13.5/061
Inj Date : 24-JUN-2004 19:52
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GJCA51AC,6.1G/5ML
Misc Info : R40624A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 25-Jun-2004 12:16 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.100	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.728	4.722	(1.000)	587514	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	190223	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	31174	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.892)	159469	317.440	52.039
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	205516	263.848	43.254
$ 6 Toluene-d8	98	5.969	5.963	(0.829)	398873	305.019	50.003
$ 7 Bromofluorobenzene	95	8.268	8.269	(1.148)	46834	97.4280	15.972(R)
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	2.629	2.629	(0.556)	37923	107.672	17.651
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143972.D
Report Date: 25-Jun-2004 12:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.951	2.952	(0.624)	15788	22.2546	3.648
	22 Acetonitrile	41	2.830	2.830	(0.599)	3136	43.1507	7.074
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143972.D
Report Date: 25-Jun-2004 12:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qoanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143972.D

Date : 24-JUN-2004 19:52

Client ID: VE527/12.5-13.5/061

Sample Info: CJCA61AC,6.1G/5ML

Purge Volume: 6.1

Column phase: DB624

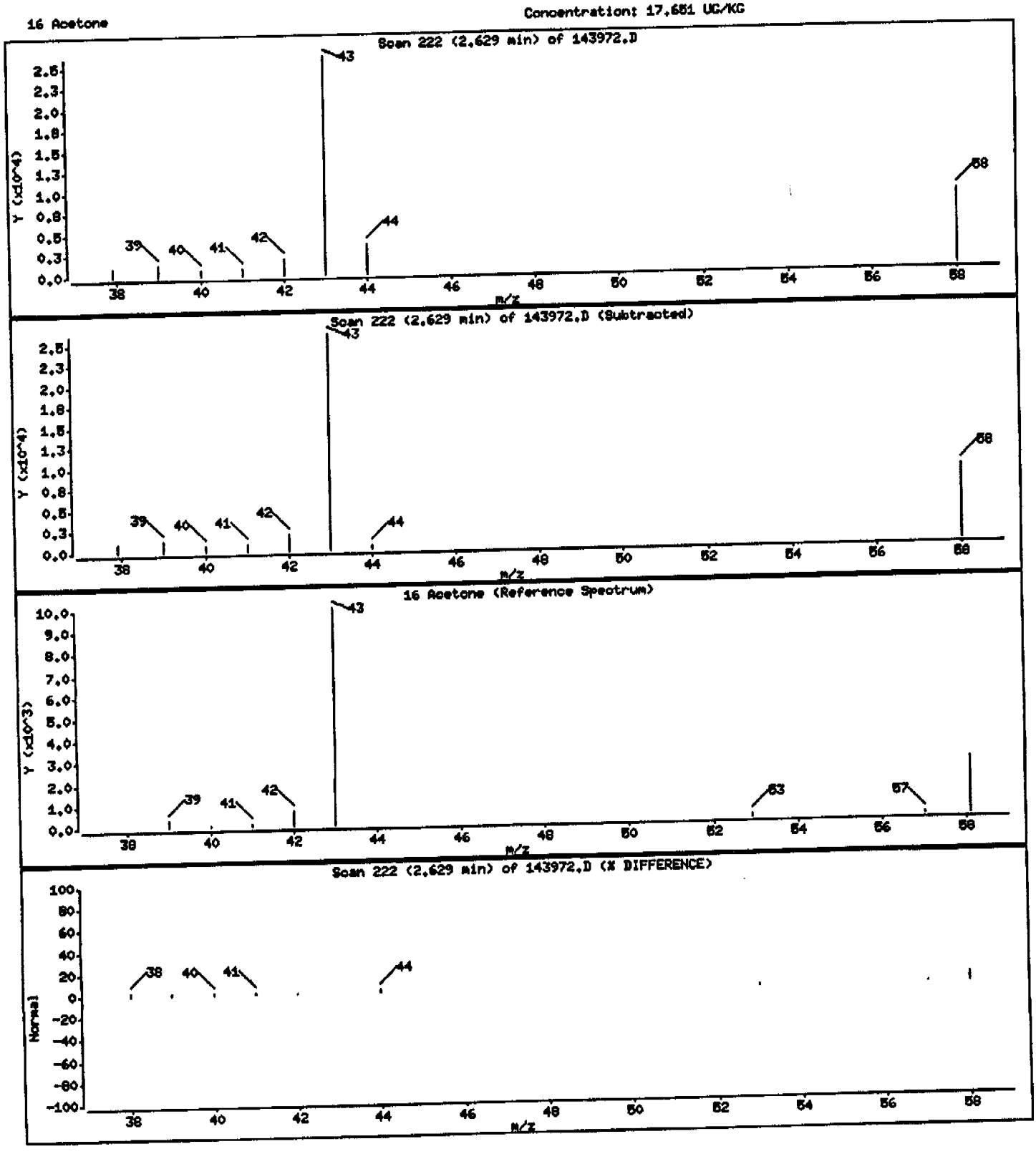
Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18

Concentration: 17,651 UG/KG

16 Acetone



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Date : 24-JUN-2004 19:52

Client ID: VE527/12.5-13.5/061

Instrument: a3ux14.i

Sample Info: GJCA51AC,6.1G/5ML

Purge Volume: 6.1

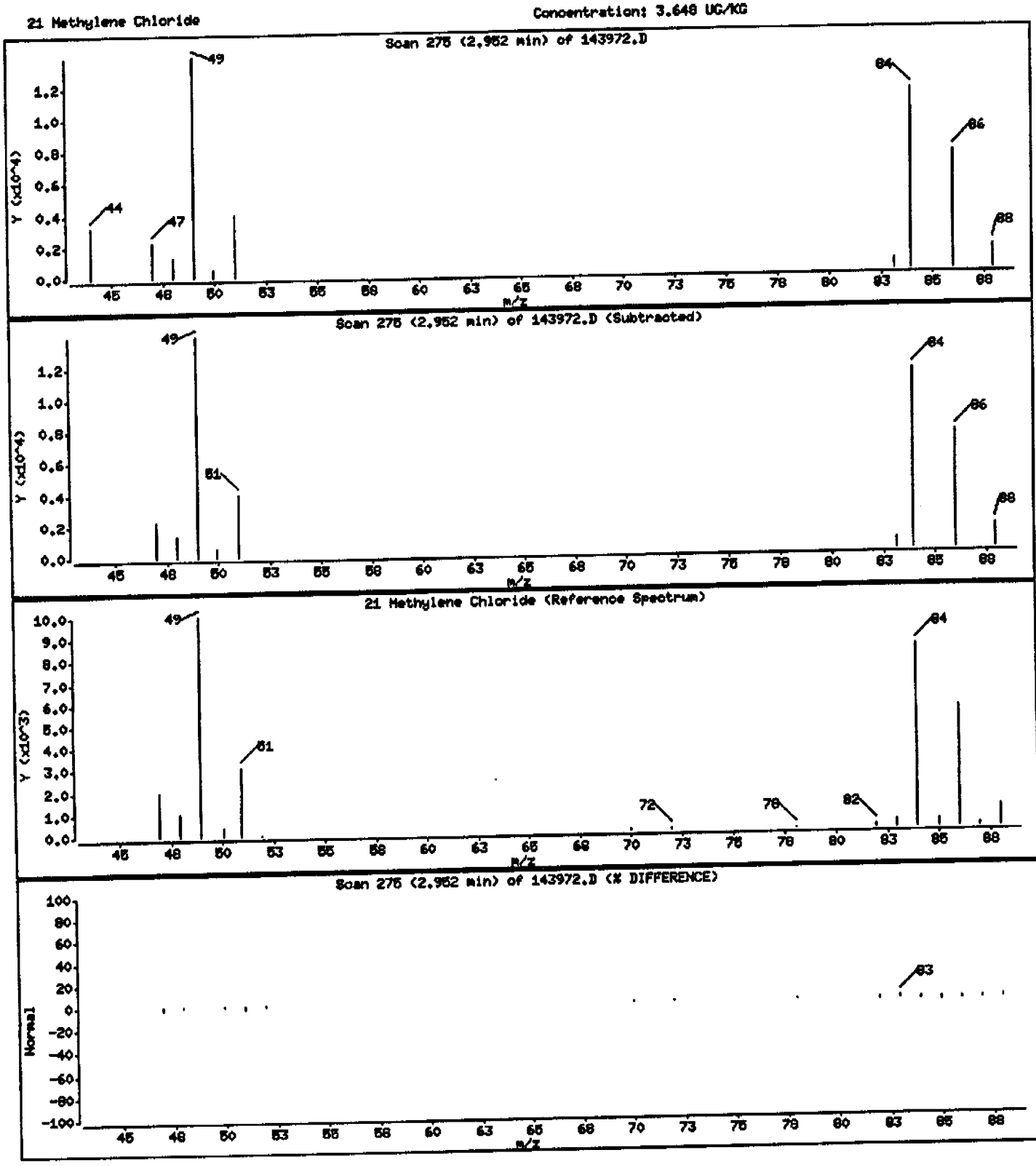
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 3.648 UG/KG



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Date : 24-JUN-2004 19:52

Client ID: VE527/12.5-13.5/061

Instrument: a3ux14.i

Sample Info: GJCA61AC,6.1G/5ML

Purge Volume: 6.1

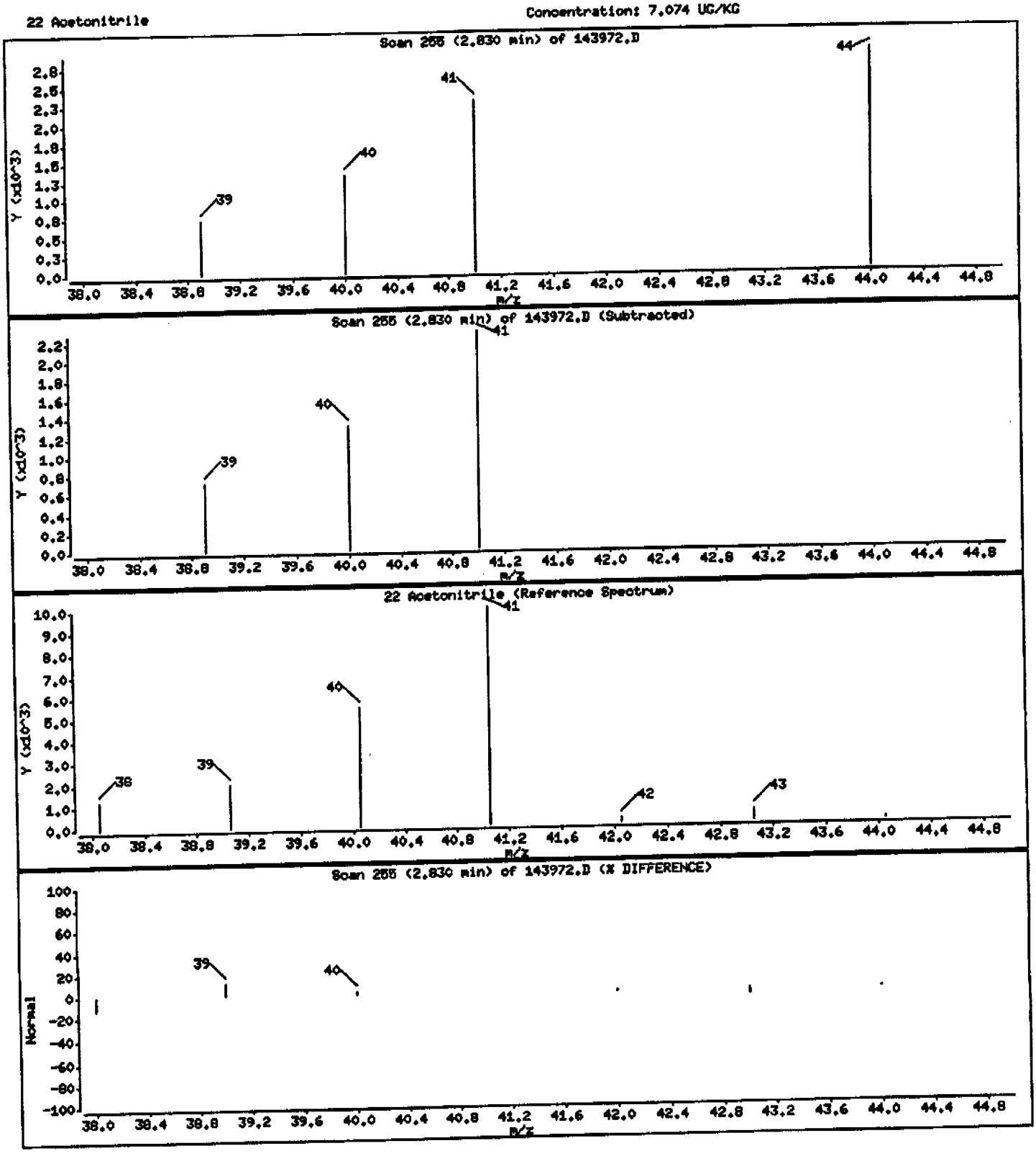
Operator: 2807

Column phase: DB624

Column diameter: 0.18

Concentration: 7.074 UG/KG

22 Acetonitrile



PAYNE FIRM INC.

Client Sample ID: VE527/27-28/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-006	**Work Order #...:** GJCCD1AC	**Matrix.....:** SO	
Date Sampled...: 06/14/04 11:40	**Date Received..:** 06/15/04		
Prep Date.....: 06/26/04	**Analysis Date..:** 06/26/04		
Prep Batch #...: 4180387			
Dilution Factor: 0.83	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL	
% Moisture.....: 17	**Method.....:** SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloroethene (total)	ND	10	ug/kg
3-Chloro-1-propene	ND	10	ug/kg
Isobutanol	ND	200	ug/kg
Acetone	ND	20	ug/kg
Acetonitrile	ND	100	ug/kg
Acrolein	ND	100	ug/kg
Acrylonitrile	ND	100	ug/kg
Benzene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
Bromoform	ND	5.0	ug/kg
Bromomethane	ND	5.0	ug/kg
2-Butanone (MEK)	ND	20	ug/kg
Carbon disulfide	ND	5.0	ug/kg
Carbon tetrachloride	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Chloroprene	ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
Chloroethane	ND	5.0	ug/kg
Chloroform	ND	5.0	ug/kg
Chloromethane	ND	5.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg
Dibromomethane	ND	5.0	ug/kg
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg
Dichlorodifluoromethane	ND	5.0	ug/kg
1,1-Dichloroethane	ND	5.0	ug/kg
1,2-Dichloroethane	ND	5.0	ug/kg
trans-1,2-Dichloroethene	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
cis-1,3-Dichloropropene	ND	5.0	ug/kg
trans-1,3-Dichloropropene	ND	5.0	ug/kg
1,4-Dioxane	ND	250	ug/kg
Ethylbenzene	ND	5.0	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/27-28/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-006 **Work Order #...:** GJCCD1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	5.0	ug/kg
2-Hexanone	ND	20	ug/kg
Iodomethane	ND	5.0	ug/kg
Methacrylonitrile	ND	5.0	ug/kg
Methylene chloride	**2.5 J,B**	**5.0**	**ug/kg**
Methyl methacrylate	ND	5.0	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg
Propionitrile	ND	20	ug/kg
Styrene	ND	5.0	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
1,1,1-Trichloroethane	ND	5.0	ug/kg
1,1,2-Trichloroethane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Trichlorofluoromethane	ND	5.0	ug/kg
1,2,3-Trichloropropane	ND	5.0	ug/kg
Vinyl acetate	ND	10	ug/kg
Vinyl chloride	ND	5.0	ug/kg
Xylenes (total)	ND	10	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

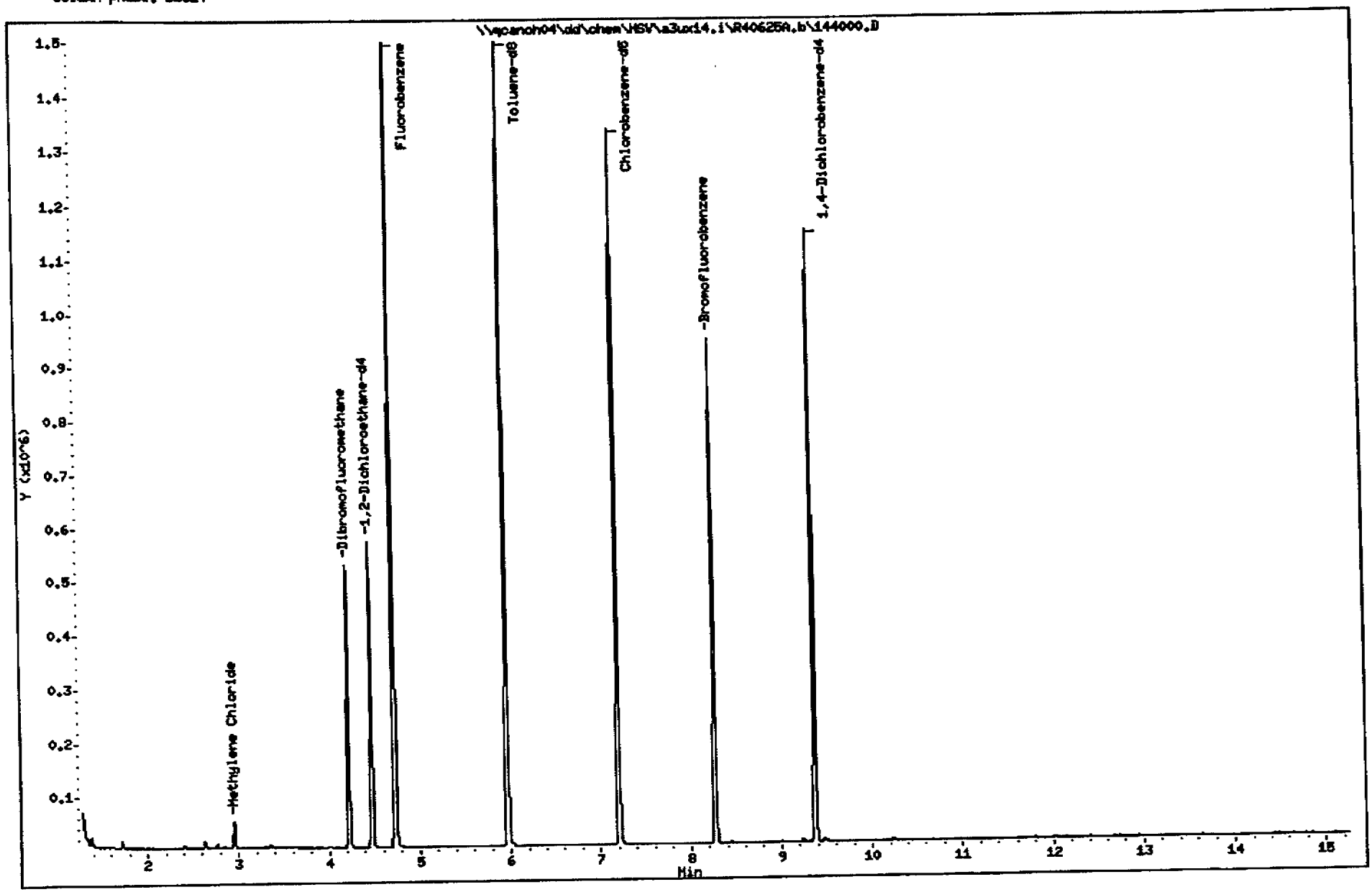
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40625A.b\144000.D
Date : 26-JUN-2004 01:05
Client ID: VE527/27-28/061404
Sample Info: GJCCD1AC,6.0G/5ML
Purge Volume: 6.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\144000.D
Report Date: 28-Jun-2004 08:49

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\144000.D
Lab Smp Id: GJCCD1AC Client Smp ID: VE527/27-28/061404
Inj Date : 26-JUN-2004 01:05
Operator : 2807 Inst ID: a3ux14.i
Smp Info : GJCCD1AC,6.0G/5ML
Misc Info : R40625A,8260SUX14,,2807
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Meth Date : 28-Jun-2004 08:33 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1196944	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	629848	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	243251	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	242099	236.550	39.425
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	315571	198.861	33.143
$	6 Toluene-d8	98	5.969	5.963	(0.829)	1012914	233.933	38.989
$	7 Bromofluorobenzene	95	8.269	8.269	(1.148)	300327	188.688	31.448
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\144000.D
Report Date: 28-Jun-2004 08:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.952	2.951	(0.625)	17972	12.4347	2.072
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\144000.D
Report Date: 28-Jun-2004 08:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qoanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\144000.D

Date : 26-JUN-2004 01:05

Client ID: VE527/27-28/061404

Instrument: a3ux14.i

Sample Info: GJCCD1AC,6.0G/5ML

Purge Volume: 6.0

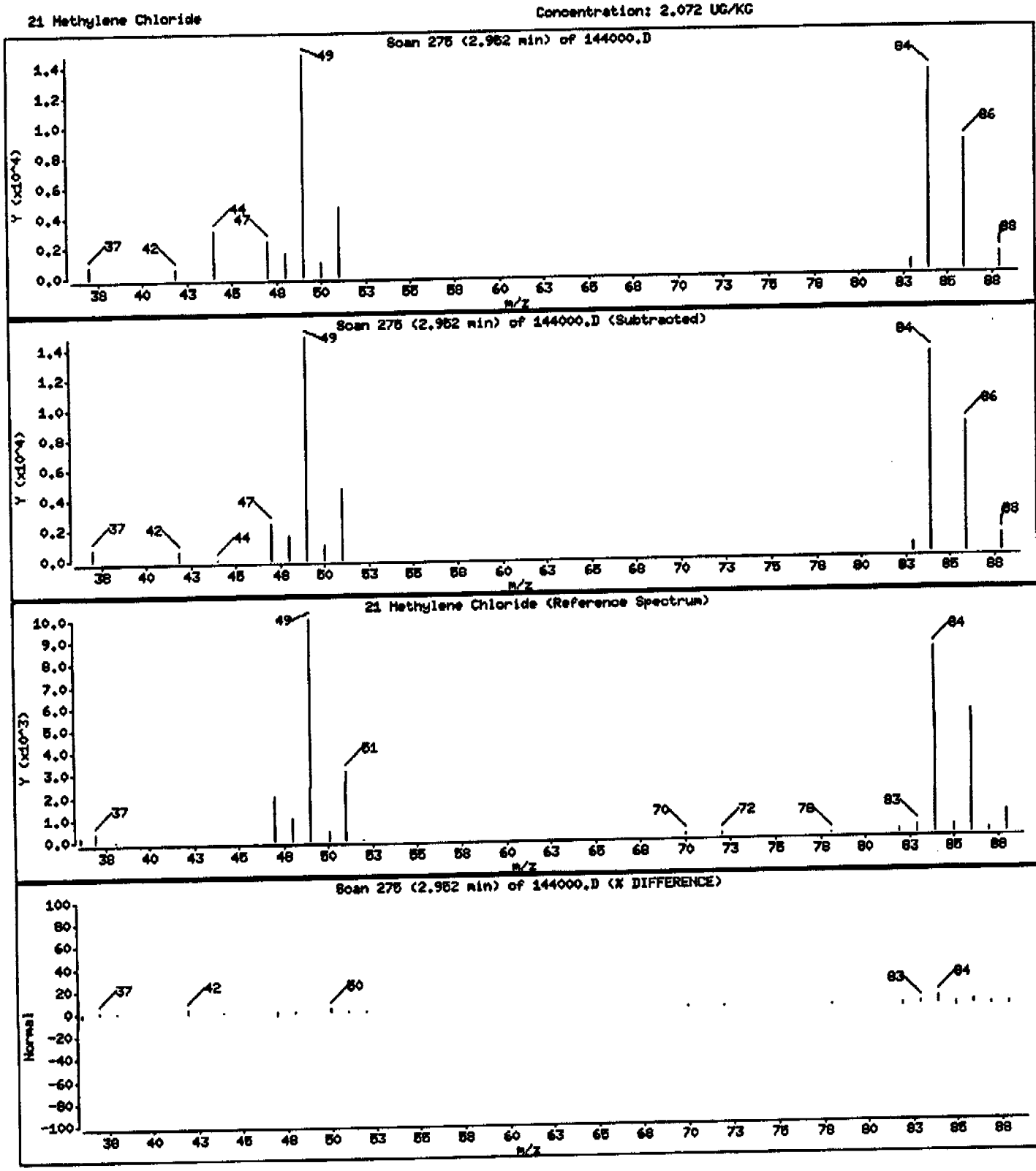
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 2.072 UG/KG



PAYNE FIRM INC.

Client Sample ID: VE527/37-38/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-007 **Work Order #...:** GJCCK1AC **Matrix.....:** SO
Date Sampled...: 06/14/04 11:45 **Date Received..:** 06/15/04
Prep Date.....: 06/25/04 **Analysis Date..:** 06/25/04
Prep Batch #...: 4177561
Dilution Factor: 0.82 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloroethene (total)	ND	9.6	ug/kg
3-Chloro-1-propene	ND	9.6	ug/kg
Isobutanol	ND	190	ug/kg
Acetone	ND	19	ug/kg
Acetonitrile	ND	96	ug/kg
Acrolein	ND	96	ug/kg
Acrylonitrile	ND	96	ug/kg
Benzene	ND	4.8	ug/kg
Bromodichloromethane	ND	4.8	ug/kg
Bromoform	ND	4.8	ug/kg
Bromomethane	ND	4.8	ug/kg
2-Butanone (MEK)	ND	19	ug/kg
Carbon disulfide	ND	4.8	ug/kg
Carbon tetrachloride	ND	4.8	ug/kg
Chlorobenzene	ND	4.8	ug/kg
Chloroprene	ND	4.8	ug/kg
Dibromochloromethane	ND	4.8	ug/kg
Chloroethane	ND	4.8	ug/kg
Chloroform	ND	4.8	ug/kg
Chloromethane	ND	4.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.6	ug/kg
1,2-Dibromoethane (EDB)	ND	4.8	ug/kg
Dibromomethane	ND	4.8	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.8	ug/kg
Dichlorodifluoromethane	ND	4.8	ug/kg
1,1-Dichloroethane	ND	4.8	ug/kg
1,2-Dichloroethane	ND	4.8	ug/kg
trans-1,2-Dichloroethene	ND	4.8	ug/kg
1,1-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloropropane	ND	4.8	ug/kg
cis-1,3-Dichloropropene	ND	4.8	ug/kg
trans-1,3-Dichloropropene	ND	4.8	ug/kg
1,4-Dioxane	ND	240	ug/kg
Ethylbenzene	ND	4.8	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/37-38/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-007 **Work Order #...:** GJCCK1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.8	ug/kg
2-Hexanone	ND	19	ug/kg
Iodomethane	ND	4.8	ug/kg
Methacrylonitrile	ND	4.8	ug/kg
Methylene chloride	ND	4.8	ug/kg
Methyl methacrylate	ND	4.8	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	19	ug/kg
Propionitrile	ND	19	ug/kg
Styrene	ND	4.8	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.8	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.8	ug/kg
Tetrachloroethene	ND	4.8	ug/kg
Toluene	ND	4.8	ug/kg
1,1,1-Trichloroethane	ND	4.8	ug/kg
1,1,2-Trichloroethane	ND	4.8	ug/kg
Trichloroethene	ND	4.8	ug/kg
Trichlorofluoromethane	ND	4.8	ug/kg
1,2,3-Trichloropropane	ND	4.8	ug/kg
Vinyl acetate	ND	9.6	ug/kg
Vinyl chloride	ND	4.8	ug/kg
Xylenes (total)	ND	9.6	ug/kg

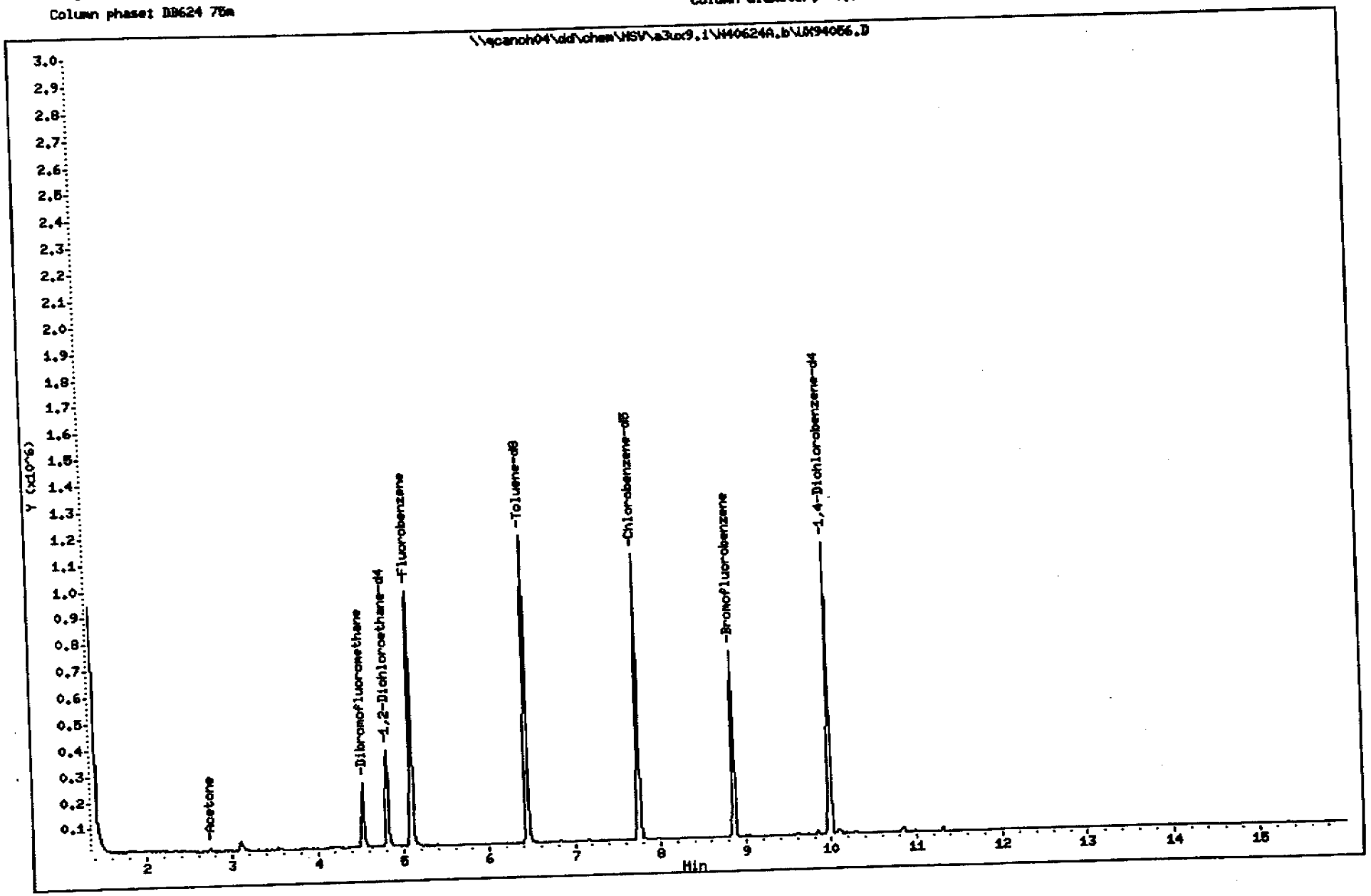
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	72	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	76	(60 - 143)
4-Bromofluorobenzene	63	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N406244.b\UX94056.D
Date : 25-JUN-2004 02:27
Client ID: VE527/37-38/061404
Sample Info: GJCCK1AC,6.1G/5ML
Purge Volume: 6.1
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94056.D
Report Date: 25-Jun-2004 21:24

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94056.D
Lab Smp Id: GJCCK1AC
Inj Date : 25-JUN-2004 02:27
Operator : 1819
Smp Info : GJCCK1AC,6.1G/5ML
Misc Info : N40624A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels
Cal Date : 12-FEB-2004 00:13
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Client Smp ID: VE527/37-38/061404
Inst ID: a3ux9.i
Quant Type: ISTD
Cal File: UX91491.D
Compound Sublist: 4-8260+A9.sub

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.100	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	5.097	5.097	(1.000)	935624	250.000	
*	2 Chlorobenzene-d5	117	7.759	7.748	(1.000)	642175	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	289001	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	254023	199.058	32.632
$	5 Toluene-d8	98	6.446	6.446	(0.831)	773137	190.580	31.242
$	6 Bromofluorobenzene	95	8.860	8.860	(1.142)	255225	157.668	25.847
$	7 Dibromofluoromethane	113	4.529	4.529	(0.889)	163665	179.320	29.397
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	14 Acrolein	56	Compound Not Detected.					
	16 1,1-Dichloroethene	96	Compound Not Detected.					
	15 Acetone	43	2.742	2.730	(0.538)	17666	17.2530	2.828
	54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	Compound Not Detected.					
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	Compound Not Detected.					
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	Compound Not Detected.					
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	Compound Not Detected.					
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	Compound Not Detected.					
	37 Toluene	91	Compound Not Detected.					
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	Compound Not Detected.					
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	89 Isopropylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qoancoh04\dd\chem\HSV\a3ux9.i\N40624A.b\UX94056.D

Date : 25-JUN-2004 02:27

Client ID: VE527/37-38/061404

Sample Info: GJCCK1AC,6.1G/5ML

Purge Volume: 6.1

Column phase: DB624 75m

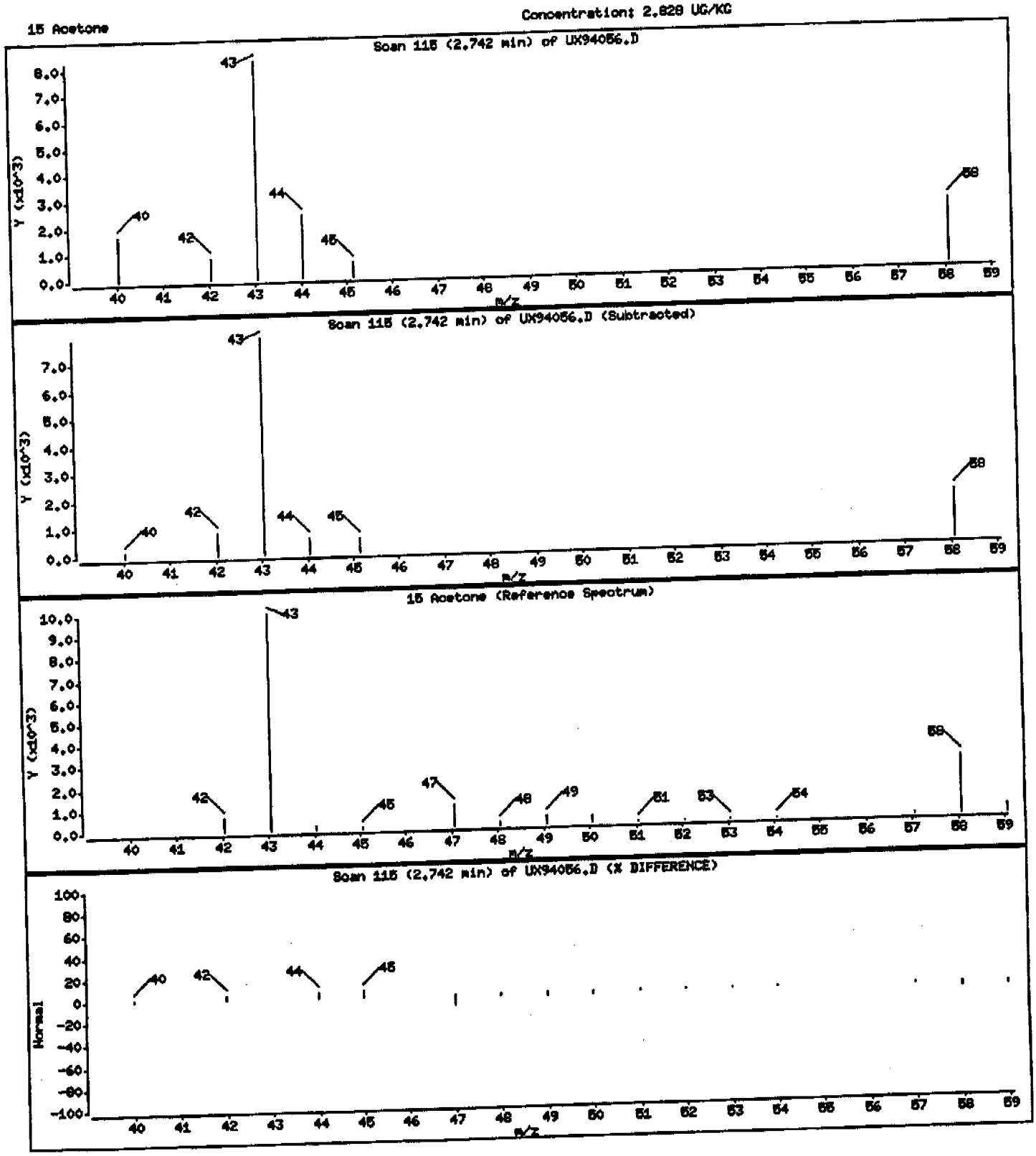
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 2.828 UG/KG

15 Acetone



PAYNE FIRM INC.

Client Sample ID: VE527/47-48/061404

GC/MS Volatiles

Lot-Sample #...:	A4F150251-008	**Work Order #...:**	GJCCN1AC	**Matrix.....:**	SO
Date Sampled...:	06/14/04 12:00	**Date Received..:**	06/15/04		
Prep Date.....:	06/24/04	**Analysis Date..:**	06/25/04		
Prep Batch #...:	4177561				
Dilution Factor:	0.77	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	11	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.3	ug/kg
1,2-Dichloroethene (total)	ND	8.6	ug/kg
3-Chloro-1-propene	ND	8.6	ug/kg
Isobutanol	ND	170	ug/kg
Acetone	**10 J**	**17**	**ug/kg**
Acetonitrile	ND	86	ug/kg
Acrolein	ND	86	ug/kg
Acrylonitrile	ND	86	ug/kg
Benzene	ND	4.3	ug/kg
Bromodichloromethane	ND	4.3	ug/kg
Bromoform	ND	4.3	ug/kg
Bromomethane	ND	4.3	ug/kg
2-Butanone (MEK)	ND	17	ug/kg
Carbon disulfide	ND	4.3	ug/kg
Carbon tetrachloride	ND	4.3	ug/kg
Chlorobenzene	ND	4.3	ug/kg
Chloroprene	ND	4.3	ug/kg
Dibromochloromethane	ND	4.3	ug/kg
Chloroethane	ND	4.3	ug/kg
Chloroform	ND	4.3	ug/kg
Chloromethane	ND	4.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	8.6	ug/kg
1,2-Dibromoethane (EDB)	ND	4.3	ug/kg
Dibromomethane	ND	4.3	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.3	ug/kg
Dichlorodifluoromethane	ND	4.3	ug/kg
1,1-Dichloroethane	ND	4.3	ug/kg
1,2-Dichloroethane	ND	4.3	ug/kg
trans-1,2-Dichloroethene	ND	4.3	ug/kg
1,1-Dichloroethene	ND	4.3	ug/kg
1,2-Dichloropropane	ND	4.3	ug/kg
cis-1,3-Dichloropropene	ND	4.3	ug/kg
trans-1,3-Dichloropropene	ND	4.3	ug/kg
1,4-Dioxane	ND	220	ug/kg
Ethylbenzene	ND	4.3	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/47-48/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-008 **Work Order #...:** GJCCN1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.3	ug/kg
2-Hexanone	ND	17	ug/kg
Iodomethane	ND	4.3	ug/kg
Methacrylonitrile	ND	4.3	ug/kg
Methylene chloride	ND	4.3	ug/kg
Methyl methacrylate	ND	4.3	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	17	ug/kg
Propionitrile	ND	17	ug/kg
Styrene	ND	4.3	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.3	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.3	ug/kg
Tetrachloroethene	ND	4.3	ug/kg
Toluene	ND	4.3	ug/kg
1,1,1-Trichloroethane	ND	4.3	ug/kg
1,1,2-Trichloroethane	ND	4.3	ug/kg
Trichloroethene	ND	4.3	ug/kg
Trichlorofluoromethane	ND	4.3	ug/kg
1,2,3-Trichloropropane	ND	4.3	ug/kg
Vinyl acetate	ND	8.6	ug/kg
Vinyl chloride	ND	4.3	ug/kg
Xylenes (total)	ND	8.6	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	53	(47 - 158)

NOTE(S):

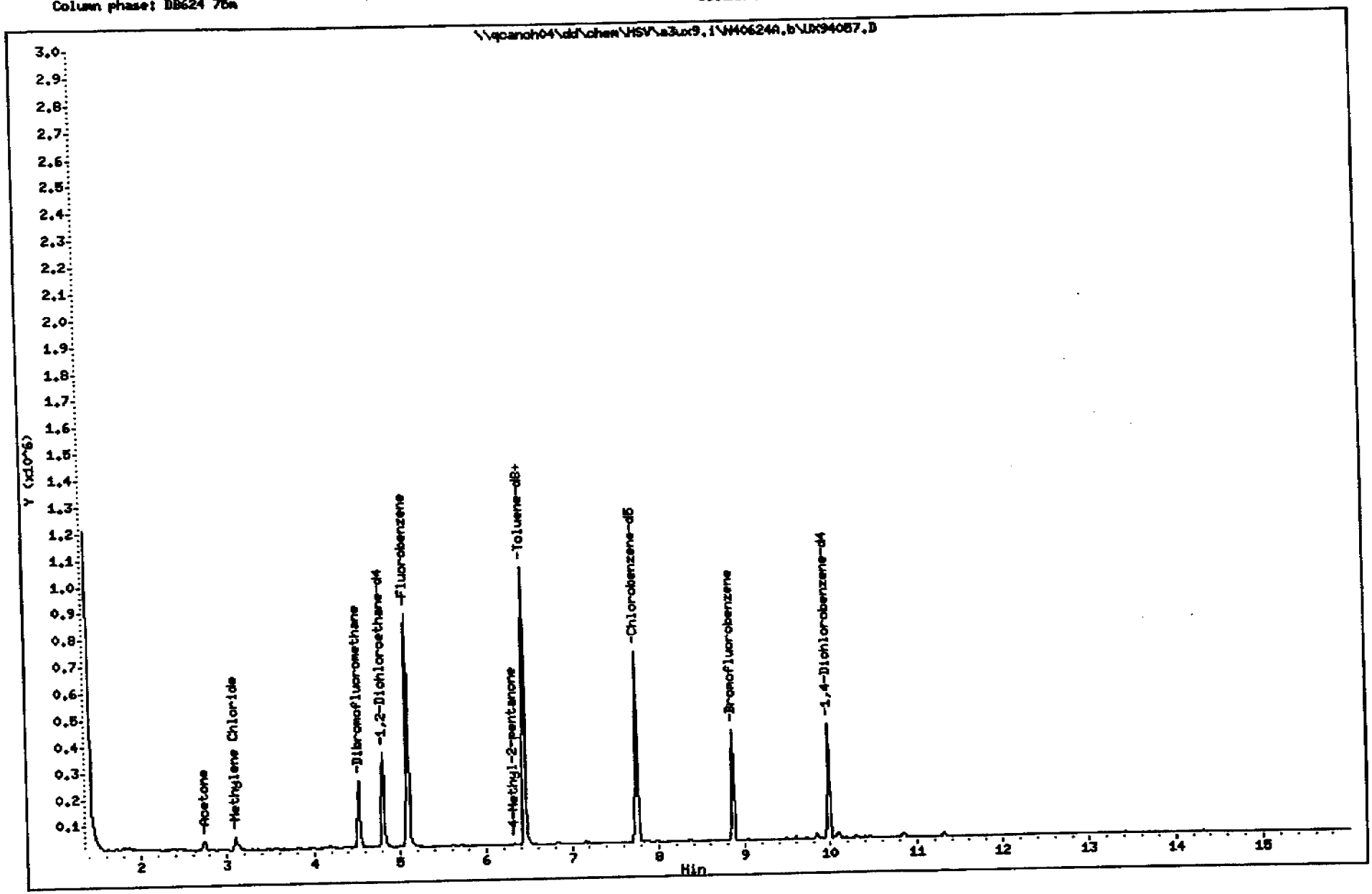
Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\W406240.b\UX94067.D
Date : 26-JUN-2004 02:52
Client ID: VE527/47-48/061404
Sample Info: GJCCHiAC,6.0G/5ML
Purge Volume: 6.5
Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94057.D
Lab Smp Id: GJCCN1AC
Inj Date : 25-JUN-2004 02:52
Operator : 1819
Smp Info : GJCCN1AC,6.5G/5ML
Misc Info : N40624A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels
Cal Date : 12-FEB-2004 00:13
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Client Smp ID: VE527/47-48/061404
Inst ID: a3ux9.i
Quant Type: ISTD
Cal File: UX91491.D
Compound Sublist: 4-8260+A9.sub

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.500	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	5.096	5.097	(1.000)	829893	250.000	
*	2 Chlorobenzene-d5	117	7.759	7.748	(1.000)	434791	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.983	9.984	(1.000)	113240	250.000	
$	4 1,2-Dichloroethane-d4	65	6.812	6.813	(0.944)	231722	204.717	31.495
#	5 Toluene-d8	98	6.445	6.446	(0.831)	687447	255.062	39.240
#	6 Bromofluorobenzene	95	8.859	8.860	(1.142)	149992	133.604	20.554
$	7 Dibromofluoromethane	113	4.528	4.529	(0.889)	165412	204.324	31.434
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	14 Acrolein	56	Compound Not Detected.					
	16 1,1-Dichloroethene	96	Compound Not Detected.					
	15 Acetone	43	2.742	2.730	(0.538)	52919	58.2663	8.964
	54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	Compound Not Detected.					
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	3.097	3.097	(0.608)	24730	4.12143	0.6341
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	Compound Not Detected.					
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	Compound Not Detected.					
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	6.315	6.316	(1.239)	5048	2.86628	0.4410
	37 Toluene	91	6.504	6.505	(0.838)	5676	1.77469	0.2730
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	Compound Not Detected.					
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	89 Isopropylbenzene	105	Compound Not Detected.					

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Report Date: 25-Jun-2004 21:24

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94057.D

Date : 25-JUN-2004 02:52

Client ID: VE527/47-48/061404

Sample Info: GJCCN1AC,6.5G/5ML

Purge Volume: 6.5

Column phase: DB624 75m

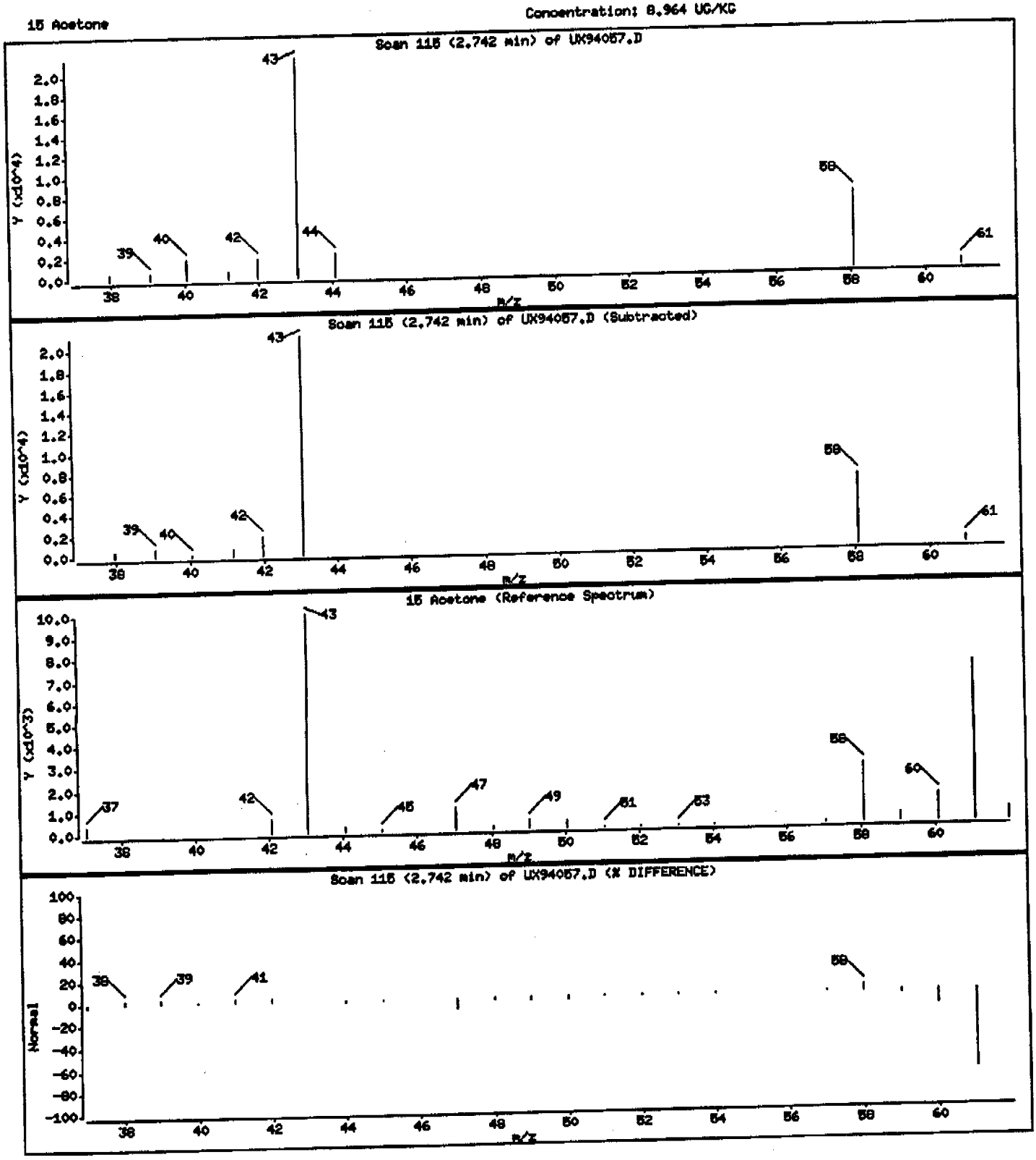
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 8.964 UG/KG

15 Acetone



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Date : 25-JUN-2004 02:52

Client ID: VE527/47-48/061404

Sample Info: GJCCN1AC,6.5G/5ML

Purge Volume: 6.5

Column phase: DB624 75m

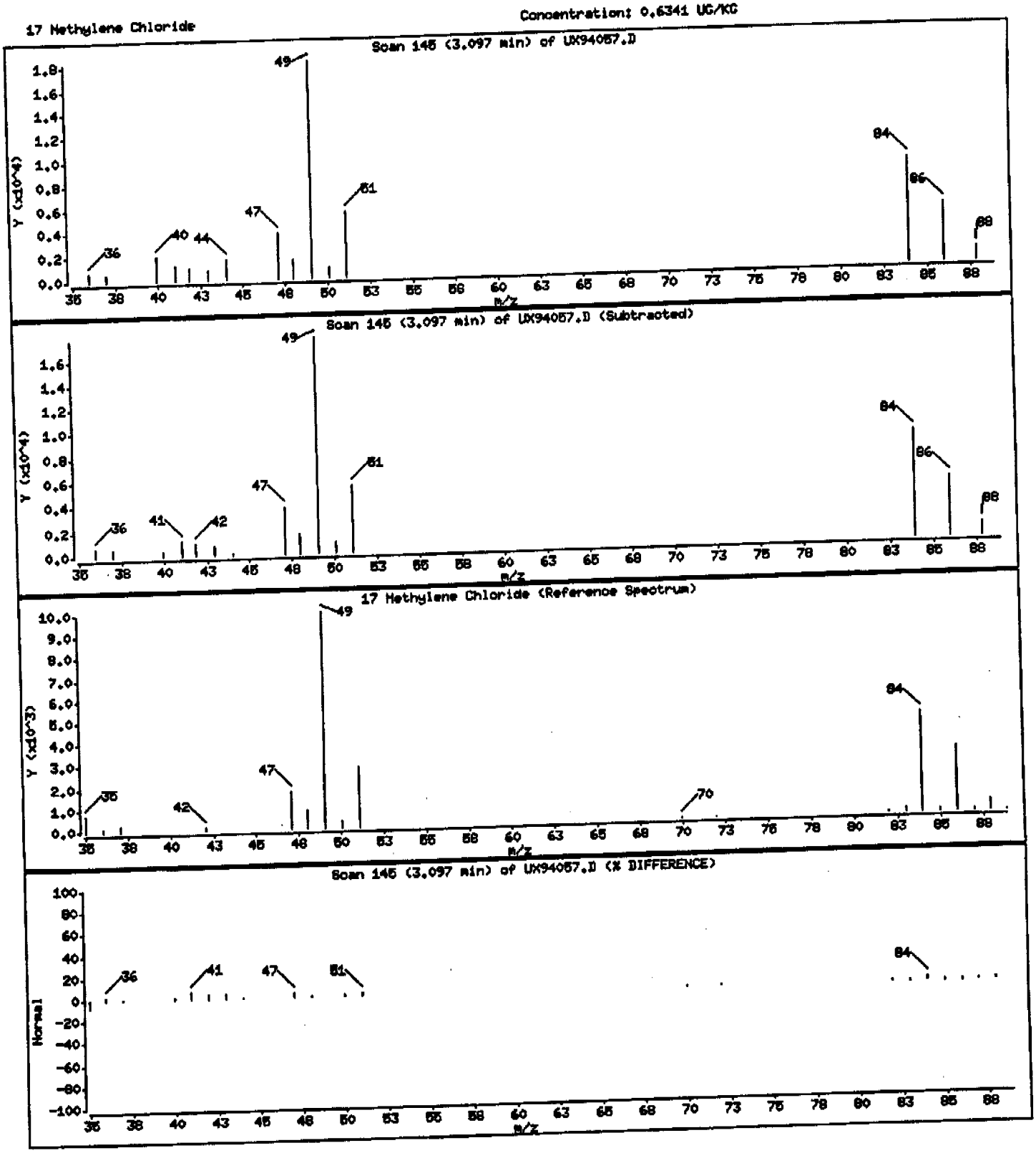
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.6341 UG/KG

17 Methylene Chloride



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Date : 25-JUN-2004 02:52

Client ID: VE527/47-48/061404

Sample Info: GJCCNLAC,6.5G/5ML

Purge Volume: 6.5

Column phase: DB624 75m

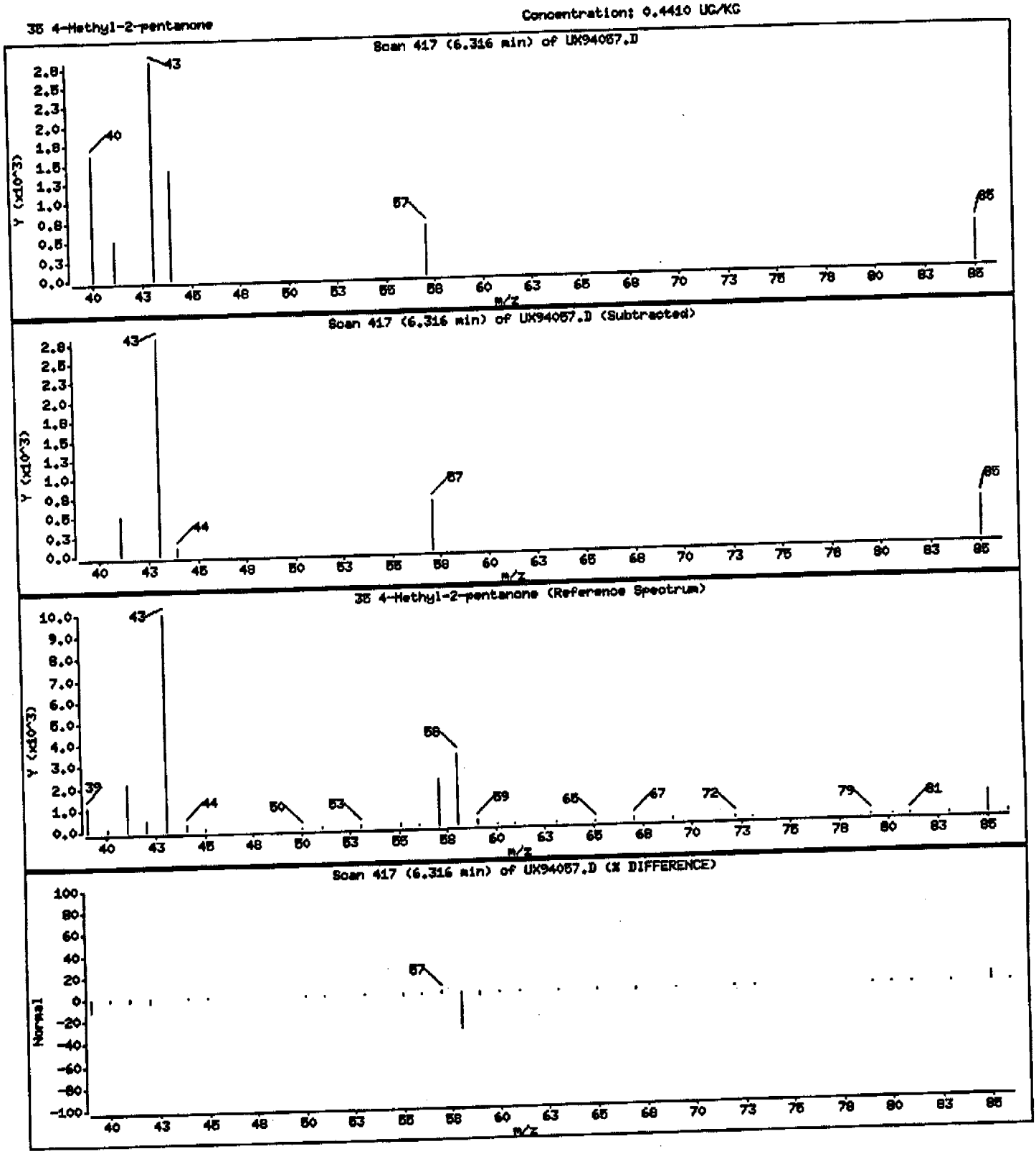
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.4410 UG/KG

38 4-Methyl-2-pentanone



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Date : 25-JUN-2004 02:52

Client ID: VE527/47-48/061404

Sample Info: GJCCN1AC,6.5C/5ML

Purge Volume: 6.5

Column phase: DB624 75m

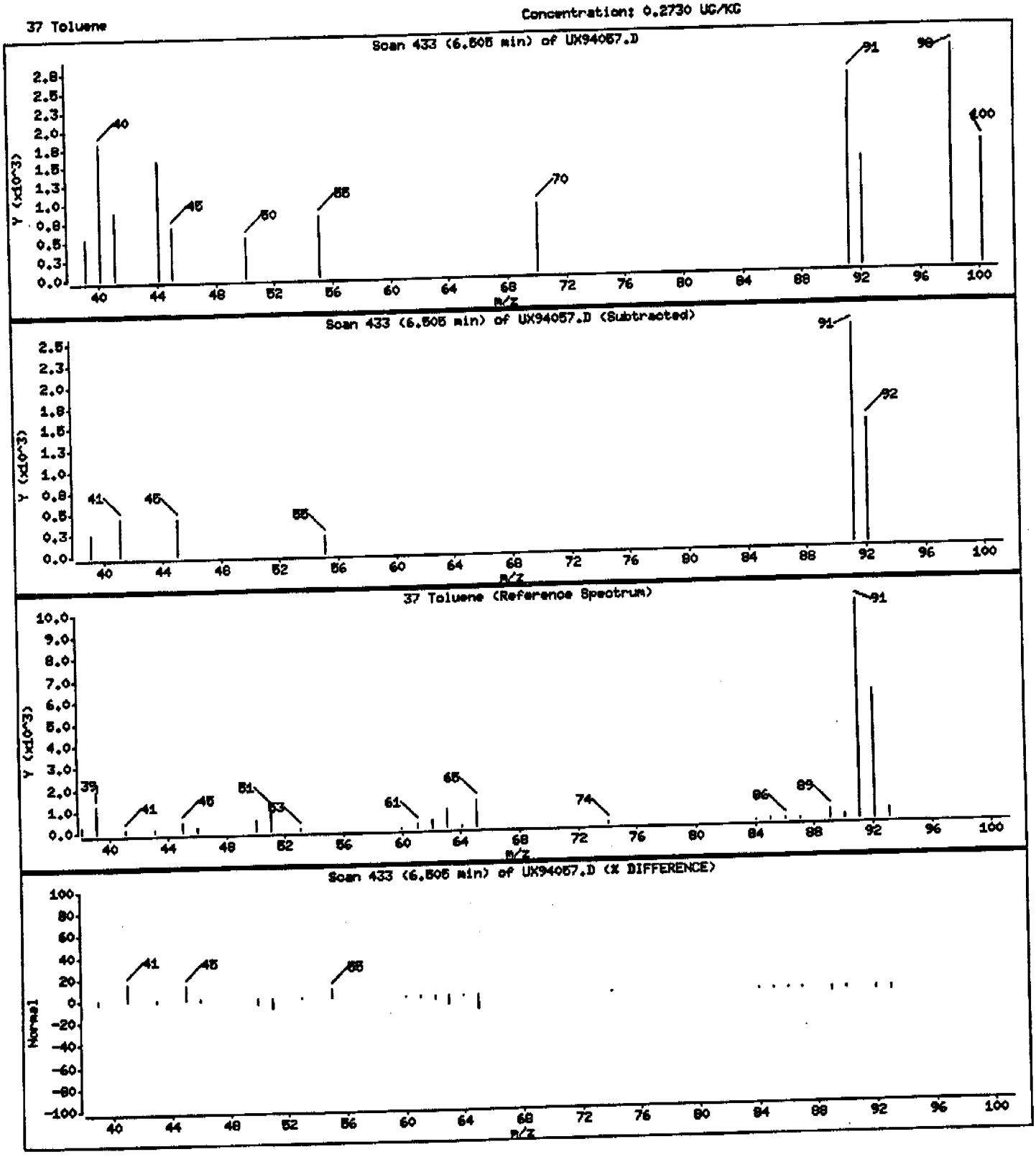
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.2730 UG/KG

37 Toluene



PAYNE FIRM INC.

Client Sample ID: VE527/53.5-54.5/061404

GC/MS Volatiles

Lot-Sample #...:	A4F150251-009	**Work Order #...:**	GJCCP1AC	**Matrix.....:**	SO
Date Sampled...:	06/14/04 12:40	**Date Received..:**	06/15/04		
Prep Date.....:	06/25/04	**Analysis Date..:**	06/25/04		
Prep Batch #...:	4177561				
Dilution Factor:	0.88	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	9.1	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloroethene (total)	ND	9.7	ug/kg
3-Chloro-1-propene	ND	9.7	ug/kg
Isobutanol	ND	190	ug/kg
Acetone	**6.2 J**	**19**	**ug/kg**
Acetonitrile	ND	97	ug/kg
Acrolein	ND	97	ug/kg
Acrylonitrile	ND	97	ug/kg
Benzene	ND	4.8	ug/kg
Bromodichloromethane	ND	4.8	ug/kg
Bromoform	ND	4.8	ug/kg
Bromomethane	ND	4.8	ug/kg
2-Butanone (MEK)	ND	19	ug/kg
Carbon disulfide	ND	4.8	ug/kg
Carbon tetrachloride	ND	4.8	ug/kg
Chlorobenzene	ND	4.8	ug/kg
Chloroprene	ND	4.8	ug/kg
Dibromochloromethane	ND	4.8	ug/kg
Chloroethane	ND	4.8	ug/kg
Chloroform	ND	4.8	ug/kg
Chloromethane	ND	4.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.7	ug/kg
1,2-Dibromoethane (EDB)	ND	4.8	ug/kg
Dibromomethane	ND	4.8	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.8	ug/kg
Dichlorodifluoromethane	ND	4.8	ug/kg
1,1-Dichloroethane	ND	4.8	ug/kg
1,2-Dichloroethane	ND	4.8	ug/kg
trans-1,2-Dichloroethene	ND	4.8	ug/kg
1,1-Dichloroethene	ND	4.8	ug/kg
1,2-Dichloropropane	ND	4.8	ug/kg
cis-1,3-Dichloropropene	ND	4.8	ug/kg
trans-1,3-Dichloropropene	ND	4.8	ug/kg
1,4-Dioxane	ND	240	ug/kg
Ethylbenzene	ND	4.8	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/53.5-54.5/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-009 **Work Order #...:** GJCCP1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.8	ug/kg
2-Hexanone	ND	19	ug/kg
Iodomethane	ND	4.8	ug/kg
Methacrylonitrile	ND	4.8	ug/kg
Methylene chloride	ND	4.8	ug/kg
Methyl methacrylate	ND	4.8	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	19	ug/kg
Propionitrile	ND	19	ug/kg
Styrene	ND	4.8	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.8	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.8	ug/kg
Tetrachloroethene	ND	4.8	ug/kg
Toluene	ND	4.8	ug/kg
1,1,1-Trichloroethane	ND	4.8	ug/kg
1,1,2-Trichloroethane	ND	4.8	ug/kg
Trichloroethene	ND	4.8	ug/kg
Trichlorofluoromethane	ND	4.8	ug/kg
1,2,3-Trichloropropane	ND	4.8	ug/kg
Vinyl acetate	ND	9.7	ug/kg
Vinyl chloride	ND	4.8	ug/kg
Xylenes (total)	ND	9.7	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	66	(47 - 158)

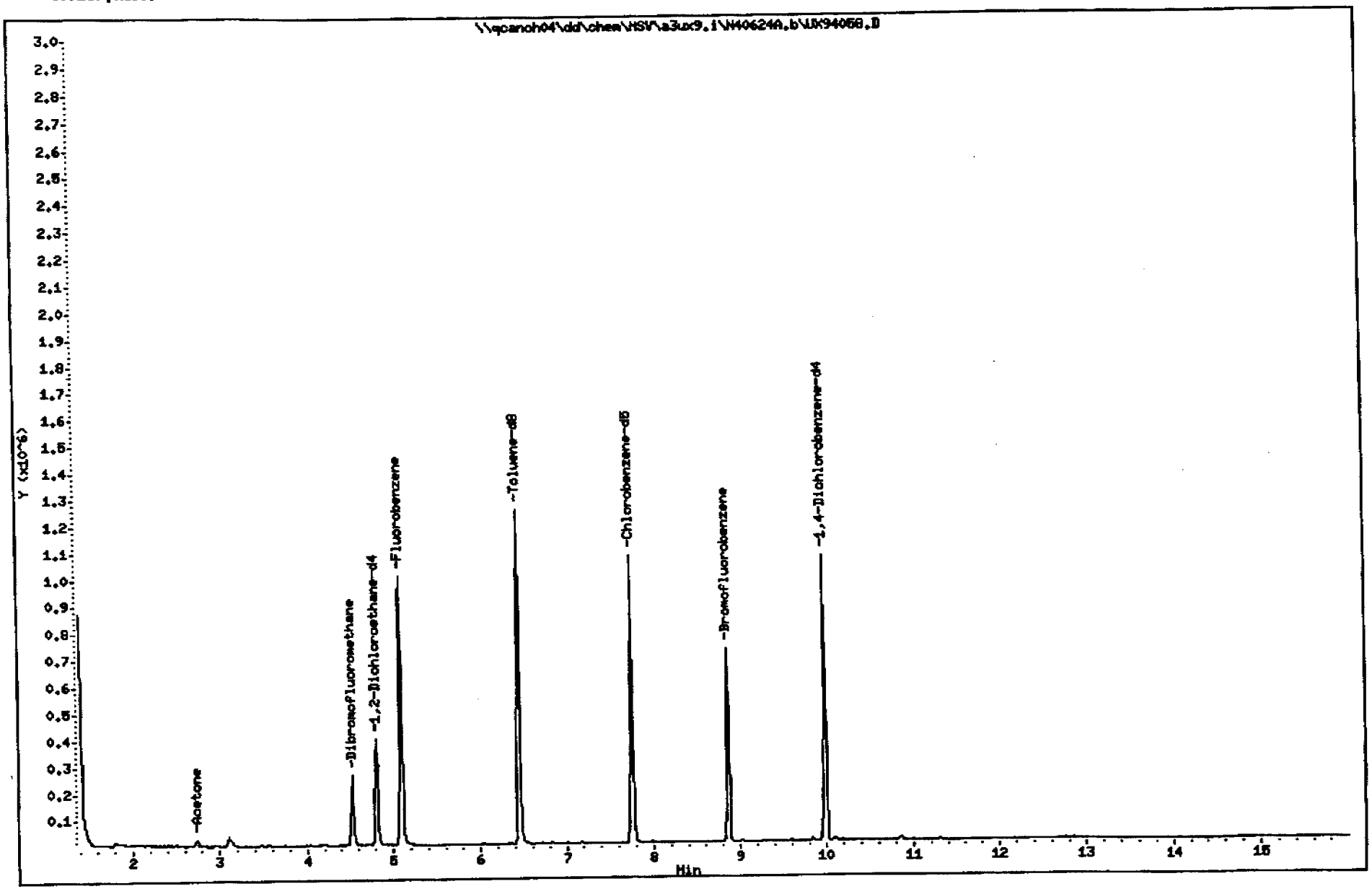
NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N406244.b\UX94068.D
Date : 28-JUN-2004 03:16
Client ID: VE527/53.5-54.5/061
Sample Info: CJCCP1AC,5.7G/5ML
Purge Volume: 5.7
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94058.D
Lab Smp Id: GJCCP1AC
Client Smp ID: VE527/53.5-54.5/061
Inj Date : 25-JUN-2004 03:16
Inst ID: a3ux9.i
Operator : 1819
Smp Info : GJCCP1AC,5.7G/5ML
Misc Info : N40624A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels
Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13
Cal File: UX91491.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.700	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	5.096	5.097	(1.000)	942494	250.000	
* 2 Chlorobenzene-d5	117	7.759	7.748	(1.000)	617944	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.983	9.984	(1.000)	265986	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.812	4.813	(0.944)	257952	200.664	35.204
$ 5 Toluene-d8	98	6.445	6.446	(0.831)	815807	210.456	36.922
$ 6 Bromofluorobenzene	95	8.859	8.860	(1.142)	257071	166.187	29.156
$ 7 Dibromofluoromethane	113	4.528	4.529	(0.889)	169323	184.167	32.310
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Acrolein	56	Compound Not Detected.					
16 1,1-Dichloroethene	96	Compound Not Detected.					
15 Acetone	43	2.742	2.730	(0.538)	33231	32.2176	5.652
54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	Compound Not Detected.					
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	Compound Not Detected.					
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	Compound Not Detected.					
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	Compound Not Detected.					
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	Compound Not Detected.					
	37 Toluene	91	Compound Not Detected.					
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	Compound Not Detected.					
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	89 Isopropylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94058.D

Date : 25-JUN-2004 03:16

Client ID: VE527/53.5-54.5/061

Instrument: a3ux9.i

Sample Info: GJCCP1AC,5.7G/5ML

Purge Volume: 5.7

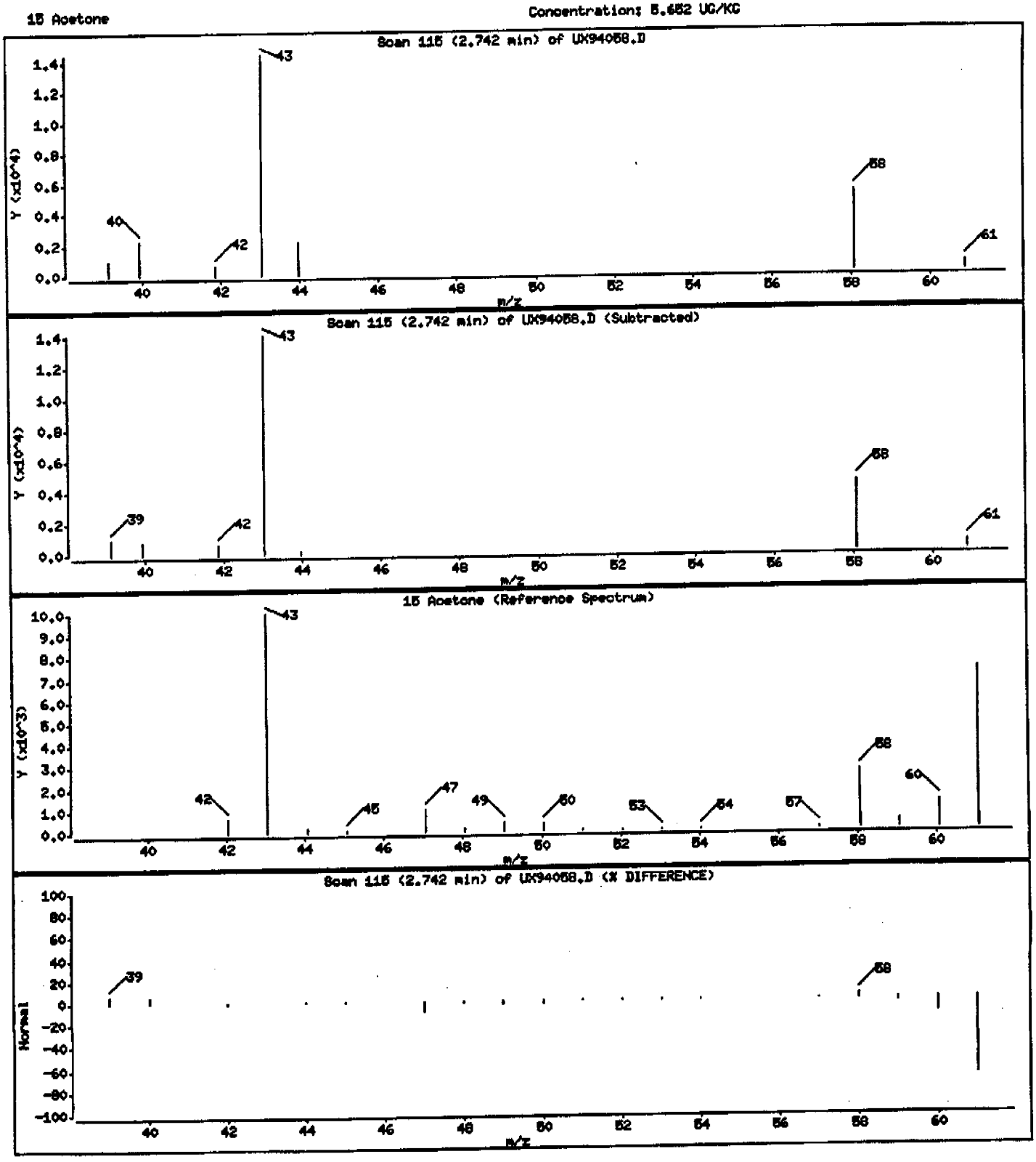
Operator: 1819

Column phase: DB624 75m

Column diameter: 0.53

15 Acetone

Concentration: 5.652 UG/KG



PAYNE FIRM INC.

Client Sample ID: VE527/56.5-57.5/061404

GC/MS Volatiles

Lot-Sample #...:	A4F150251-011	**Work Order #...:**	GJCCX1AC	**Matrix.....:**	SO
Date Sampled...:	06/14/04 13:00	**Date Received..:**	06/15/04		
Prep Date.....:	06/24/04	**Analysis Date..:**	06/25/04		
Prep Batch #...:	4177561				
Dilution Factor:	0.78	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,2-Dichloroethene	ND	4.6	ug/kg
1,2-Dichloroethene (total)	ND	9.2	ug/kg
3-Chloro-1-propene	ND	9.2	ug/kg
Isobutanol	ND	180	ug/kg
Acetone	**33**	**18**	**ug/kg**
Acetonitrile	ND	92	ug/kg
Acrolein	ND	92	ug/kg
Acrylonitrile	ND	92	ug/kg
Benzene	ND	4.6	ug/kg
Bromodichloromethane	ND	4.6	ug/kg
Bromoform	ND	4.6	ug/kg
Bromomethane	ND	4.6	ug/kg
2-Butanone (MEK)	ND	18	ug/kg
Carbon disulfide	ND	4.6	ug/kg
Carbon tetrachloride	ND	4.6	ug/kg
Chlorobenzene	ND	4.6	ug/kg
Chloroprene	ND	4.6	ug/kg
Dibromochloromethane	ND	4.6	ug/kg
Chloroethane	ND	4.6	ug/kg
Chloroform	ND	4.6	ug/kg
Chloromethane	ND	4.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	9.2	ug/kg
1,2-Dibromoethane (EDB)	ND	4.6	ug/kg
Dibromomethane	ND	4.6	ug/kg
trans-1,4-Dichloro-2-butene	ND	4.6	ug/kg
Dichlorodifluoromethane	ND	4.6	ug/kg
1,1-Dichloroethane	ND	4.6	ug/kg
1,2-Dichloroethane	ND	4.6	ug/kg
trans-1,2-Dichloroethene	ND	4.6	ug/kg
1,1-Dichloroethene	ND	4.6	ug/kg
1,2-Dichloropropane	ND	4.6	ug/kg
cis-1,3-Dichloropropene	ND	4.6	ug/kg
trans-1,3-Dichloropropene	ND	4.6	ug/kg
1,4-Dioxane	ND	230	ug/kg
Ethylbenzene	ND	4.6	ug/kg

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: VE527/56.5-57.5/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-011 **Work Order #...:** GJCCX1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	4.6	ug/kg
2-Hexanone	ND	18	ug/kg
Iodomethane	ND	4.6	ug/kg
Methacrylonitrile	ND	4.6	ug/kg
Methylene chloride	ND	4.6	ug/kg
Methyl methacrylate	ND	4.6	ug/kg
4-Methyl-2-pentanone (MIBK)	ND	18	ug/kg
Propionitrile	ND	18	ug/kg
Styrene	ND	4.6	ug/kg
1,1,1,2-Tetrachloroethane	ND	4.6	ug/kg
1,1,2,2-Tetrachloroethane	ND	4.6	ug/kg
Tetrachloroethene	ND	4.6	ug/kg
Toluene	ND	4.6	ug/kg
1,1,1-Trichloroethane	ND	4.6	ug/kg
1,1,2-Trichloroethane	ND	4.6	ug/kg
Trichloroethene	ND	4.6	ug/kg
Trichlorofluoromethane	ND	4.6	ug/kg
1,2,3-Trichloropropane	ND	4.6	ug/kg
Vinyl acetate	ND	9.2	ug/kg
Vinyl chloride	ND	4.6	ug/kg
Xylenes (total)	ND	9.2	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	96	(60 - 143)
4-Bromofluorobenzene	49	(47 - 158)

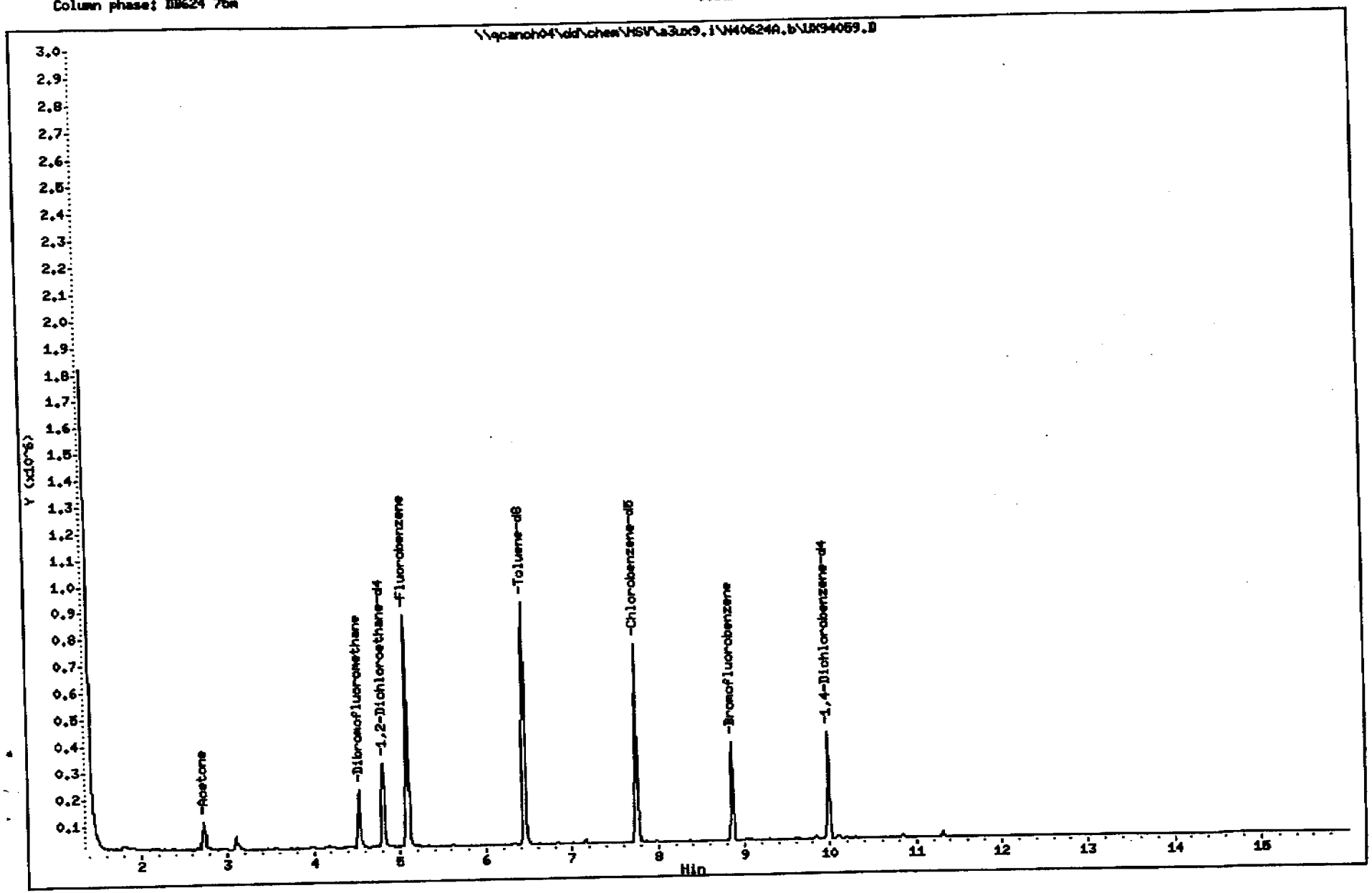
NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Data File: \\qcanoh04\old\chem\HSV\a3ux9.i\040624A.b\LX94069.D
Date : 25-JUN-2004 03:41
Client ID: VE527/56.5-57.5/061
Sample Info: GJCCX1AC,6.4G/5ML
Purge Volume: 6.4
Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94059.D
Lab Smp Id: GJCCX1AC
Inj Date : 25-JUN-2004 03:41
Operator : 1819
Smp Info : GJCCX1AC,6.4G/5ML
Misc Info : N40624A,8260SUX9-3,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels
Cal Date : 12-FEB-2004 00:13
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Client Smp ID: VE527/56.5-57.5/061
Inst ID: a3ux9.i
Quant Type: ISTD
Cal File: UX91491.D
Compound Sublist: 4-8260+A9.sub

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	6.400	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1	Fluorobenzene	96	5.086	5.097	(1.000)	813250	250.000	
* 2	Chlorobenzene-d5	117	7.749	7.748	(1.000)	419348	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.985	9.984	(1.000)	110702	250.000	
$ 4	1,2-Dichloroethane-d4	65	4.814	4.813	(0.947)	224274	202.192	31.592
$ 5	Toluene-d8	98	6.447	6.446	(0.832)	624253	239.253	37.383
$ 6	Bromofluorobenzene	95	8.861	8.860	(1.144)	134919	122.944	19.210
$ 7	Dibromofluoromethane	113	4.530	4.529	(0.891)	149410	188.334	29.427
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	Compound Not Detected.					
10	Vinyl Chloride	62	Compound Not Detected.					
11	Bromomethane	94	Compound Not Detected.					
12	Chloroethane	64	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
14	Acrolein	56	Compound Not Detected.					
16	1,1-Dichloroethene	96	Compound Not Detected.					
15	Acetone	43	2.732	2.730	(0.537)	157118	176.535	27.584
54	Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	Compound Not Detected.					
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	Compound Not Detected.					
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	Compound Not Detected.					
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	Compound Not Detected.					
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	Compound Not Detected.					
	37 Toluene	91	Compound Not Detected.					
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	Compound Not Detected.					
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	89 Isopropylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	Compound Not Detected.					
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qoanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94059.D

Date : 25-JUN-2004 03:41

Client ID: VE527/56.5-57.5/061

Sample Info: GJCCX1AC,6.4C/5ML

Purge Volume: 6.4

Column phase: DB624 75m

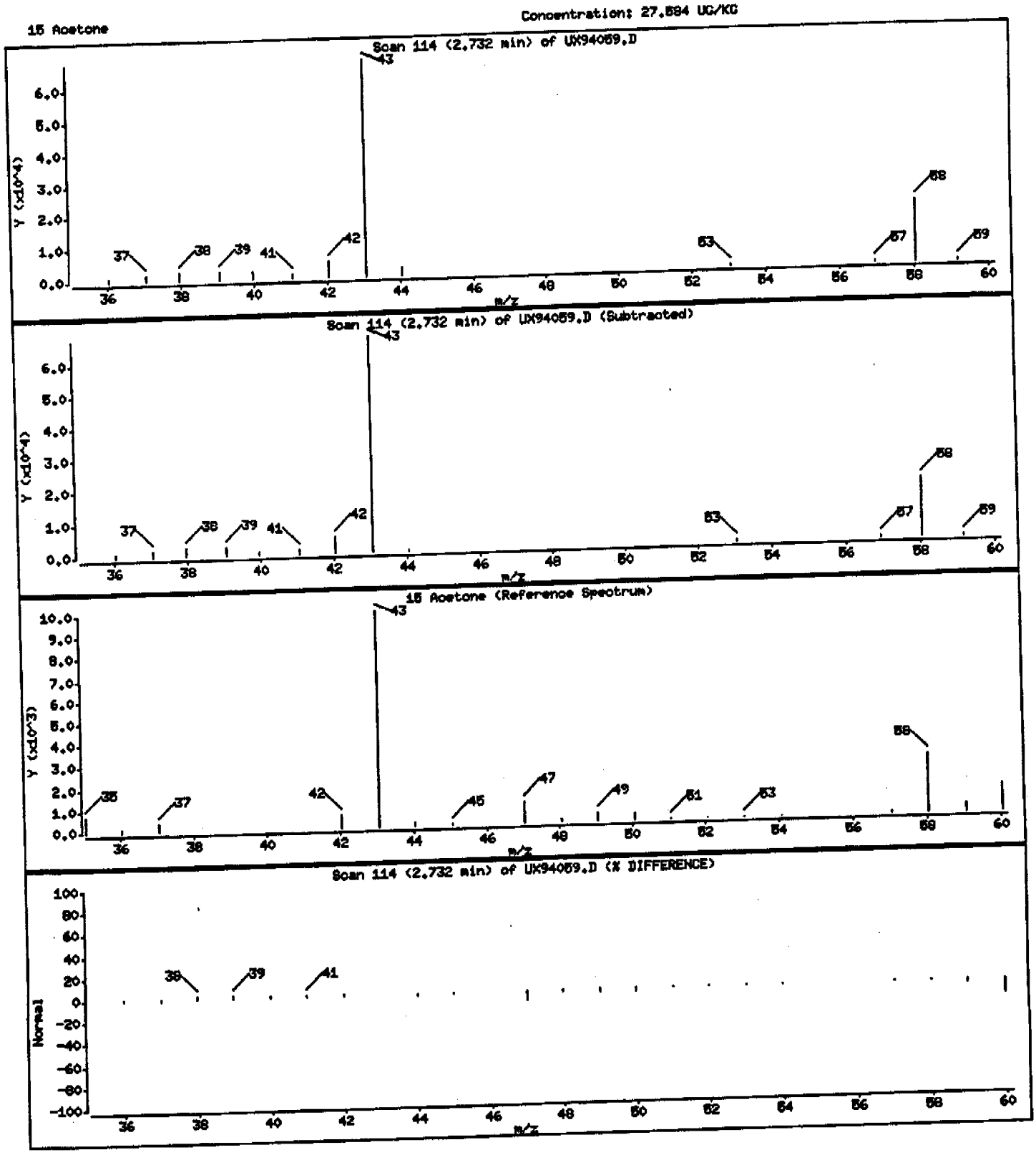
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 27.884 UG/KG

15 Acetone



PAYNE FIRM INC.

Client Sample ID: TRIP BLANK/061404

GC/MS Volatiles

Lot-Sample #...:	A4F150251-012	**Work Order #...:**	GJCC61AA	**Matrix.....:**	WQ
Date Sampled...:	06/14/04	**Date Received..:**	06/15/04		
Prep Date.....:	06/22/04	**Analysis Date..:**	06/22/04		
Prep Batch #...:	4174292				
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1.1 J**	**10**	**ug/L**
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	10	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
3-Chloropropene	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	2.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	50	ug/L
Ethylbenzene	ND	1.0	ug/L
Ethyl methacrylate	ND	1.0	ug/L

(Continued on next page)

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK/061404

GC/MS Volatiles

Lot-Sample #...: A4F150251-012 **Work Order #...:** GJCC61AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2-Hexanone	ND	10	ug/L
Iodomethane	ND	1.0	ug/L
Isobutanol	ND	50	ug/L
Methacrylonitrile	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl methacrylate	ND	2.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Propionitrile	ND	4.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.18 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L

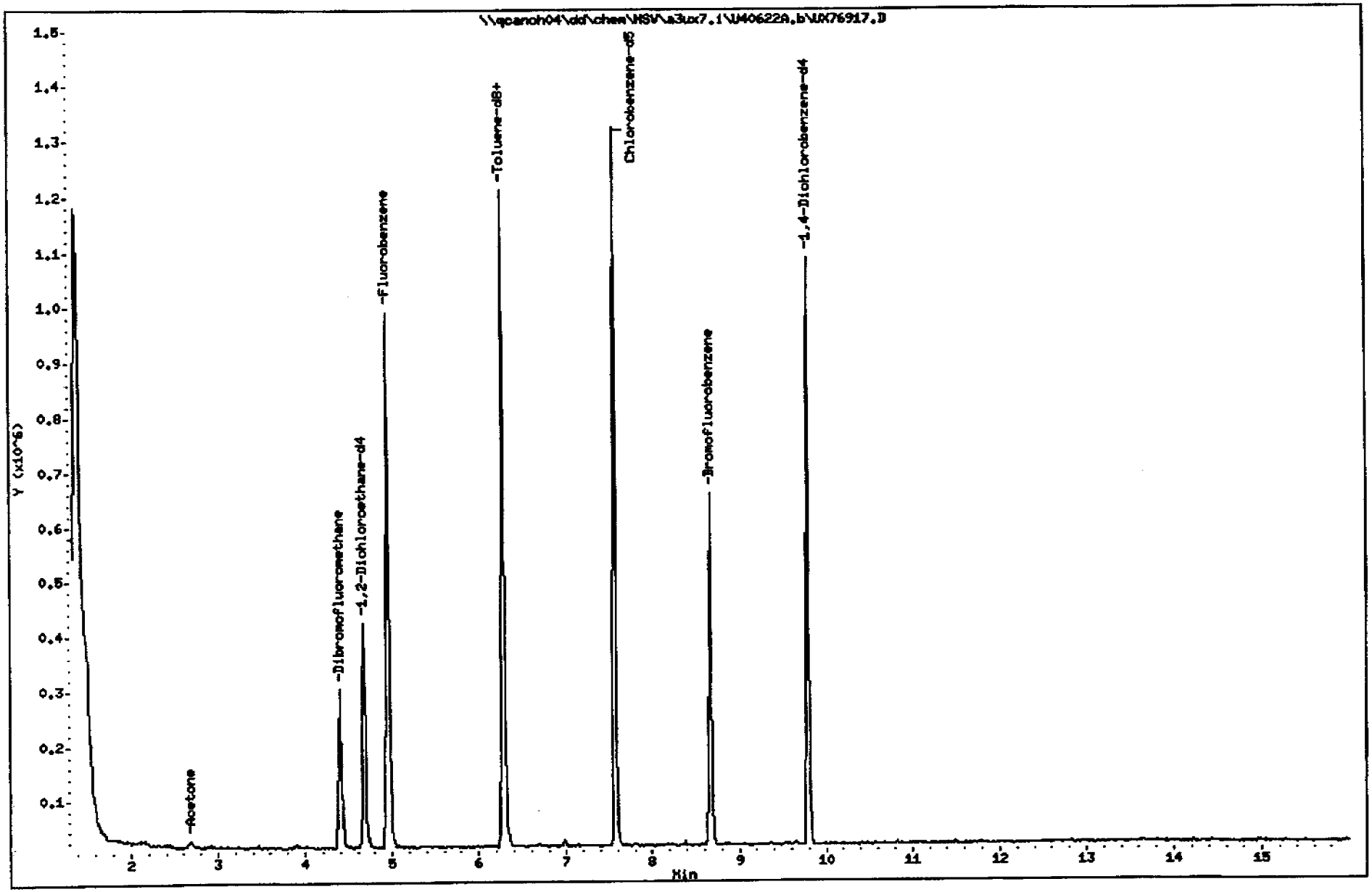
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	115	(61 - 128)
Toluene-d8	99	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406228.b\U76917.D
Date : 22-JUN-2004 15:14
Client ID: TRIP BLANK/061404
Sample Info: CJCC61AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76917.D
Report Date: 23-Jun-2004 07:56

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76917.D
Lab Smp Id: GJCC61AA Client Smp ID: TRIP BLANK/061404
Inj Date : 22-JUN-2004 15:14
Operator : 1754 Inst ID: a3ux7.i
Smp Info : GJCC61AA,5ML/5ML
Misc Info : U40622A,N8260UX7-3,,1754
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Meth Date : 23-Jun-2004 07:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+ix.sub
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
* 1	Fluorobenzene	96	4.955	4.952	(1.000)	1027731	50.0000	
* 2	Chlorobenzene-d5	117	7.570	7.567	(1.000)	777017	50.0000	
* 3	1,4-Dichlorobenzene-d4	152	9.795	9.792	(1.000)	303290	50.0000	
$ 4	Dibromofluoromethane	113	4.399	4.396	(0.888)	231671	49.9534	9.991
$ 5	1,2-Dichloroethane-d4	65	4.671	4.668	(0.943)	367005	57.4680	11.494
$ 6	Toluene-d8	98	6.281	6.278	(0.830)	852742	49.3109	9.862
$ 7	Bromofluorobenzene	95	8.671	8.668	(1.145)	267440	44.4064	8.881
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	Compound Not Detected.					
10	Vinyl Chloride	62	Compound Not Detected.					
11	Bromomethane	94	Compound Not Detected.					
12	Chloroethane	64	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Acrolein	56	Compound Not Detected.					
16	Acetone	43	2.683	2.680	(0.542)	31579	5.50616	1.101
17	1,1-Dichloroethene	96	Compound Not Detected.					
18	Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76917.D
Report Date: 23-Jun-2004 07:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	Compound Not Detected.					
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	6.340	6.337	(0.837)	20444	0.92472	0.1849
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

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Report Date: 23-Jun-2004 07:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76917.D

Date : 22-JUN-2004 15:14

Client ID: TRIP BLANK/061404

Instrument: a3ux7.i

Sample Info: GJCC61AA,5ML/5ML

Purge Volume: 5.0

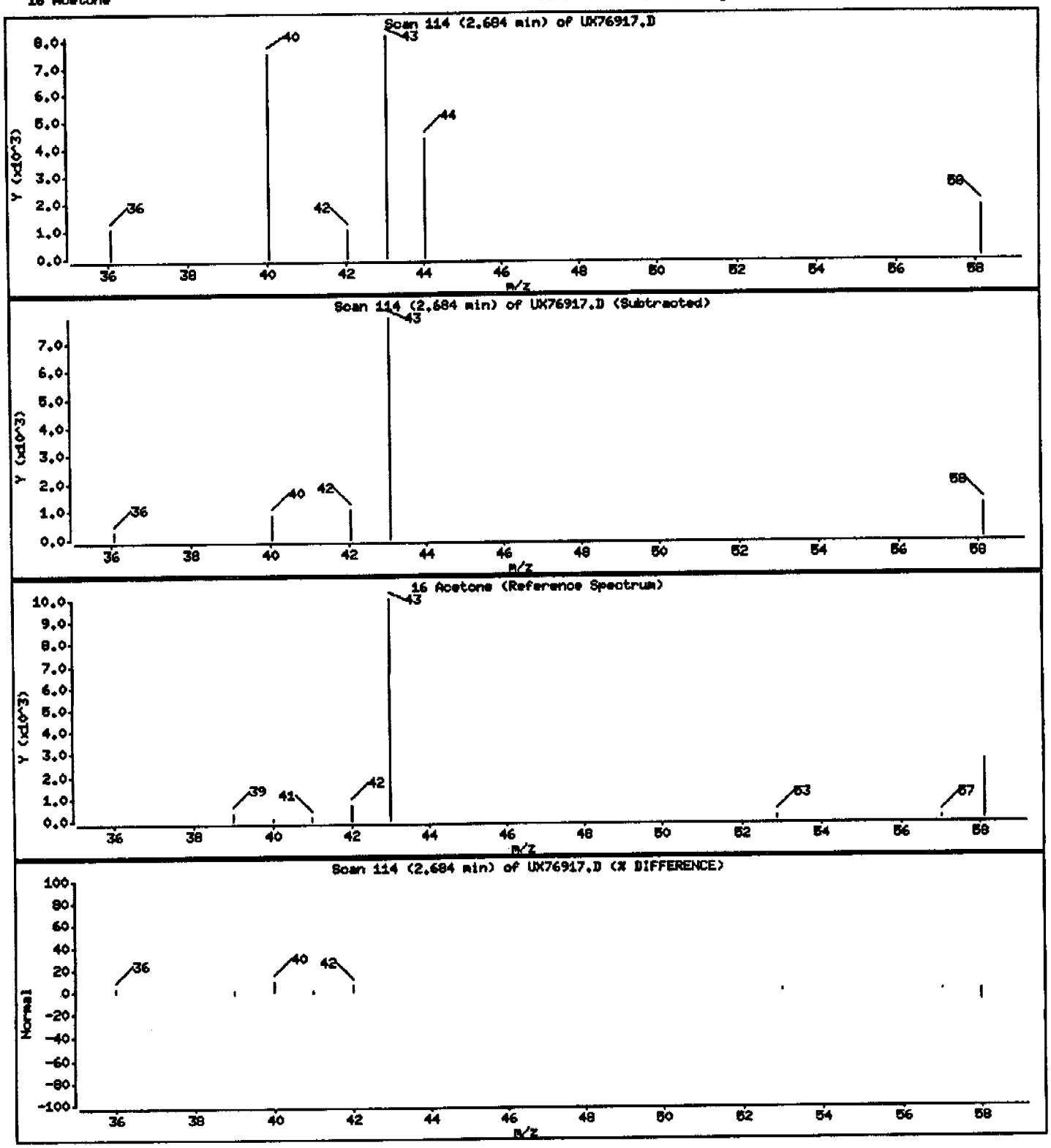
Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

16 Acetone

Concentration: 1.101 ug/L



Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40622A.b\UX76917.D

Date : 22-JUN-2004 15:14

Client ID: TRIP BLANK/061404

Instrument: a3ux7.i

Sample Info: GJCC61AA,5ML/5ML

Purge Volume: 5.0

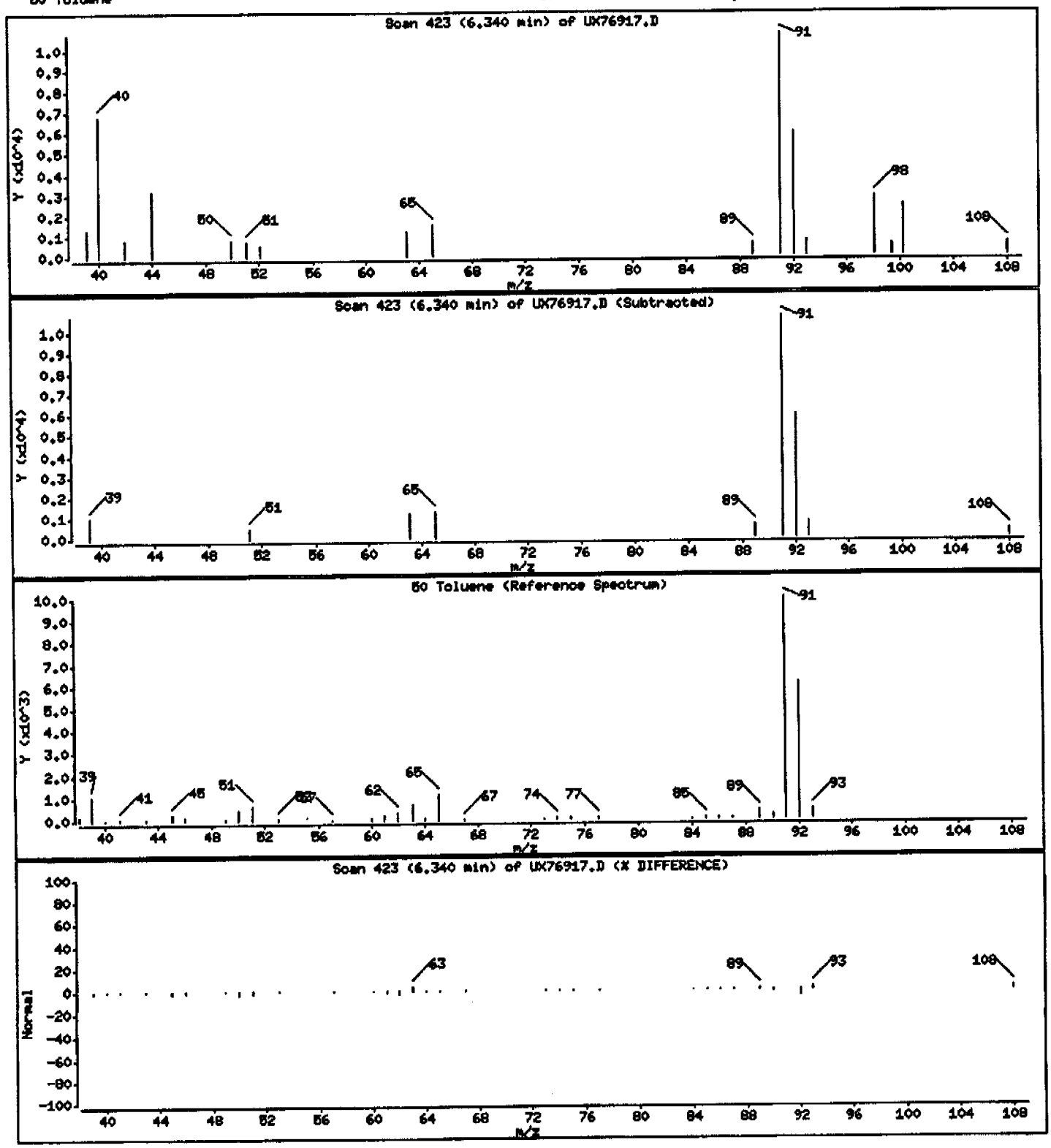
Operator: 1764

Column phase: DB624 20m

Column diameter: 0.18

50 Toluene

Concentration: 0.1849 ug/L



SEVERN TRENT STL

STANDARD DATA

Report Date: 02-Jun-2004 14:53

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Start Cal Date: 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Last Cal Level: 6
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.000		
21-APR-2004 09:38	3-IX	UX74908.D
02-JUN-2004 12:14	1-8260	UX76306.D
Cal Level: 2 , Cal Amount: 10.000		
21-APR-2004 10:02	3-IX	UX74909.D
02-JUN-2004 12:38	1-8260	UX76307.D
Cal Level: 3 , Cal Amount: 25.000		
21-APR-2004 10:26	3-IX	UX74910.D
02-JUN-2004 13:01	1-8260	UX76308.D
Cal Level: 4 , Cal Amount: 50.000		
21-APR-2004 10:50	3-IX	UX74911.D
02-JUN-2004 13:25	1-8260	UX76309.D
Cal Level: 5 , Cal Amount: 100.00		
21-APR-2004 11:13	3-IX	UX74912.D
02-JUN-2004 13:48	1-8260	UX76310.D
Cal Level: 6 , Cal Amount: 200.00		
21-APR-2004 11:55	3-IX	UX74913.D
02-JUN-2004 14:12	1-8260	UX76311.D

Continuing Calibration

02-JUN-2004 13:25	1-8260	UX76309.D

Report Date : 02-Jun-2004 14:53

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74908.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74909.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74911.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD
8	Dichlorodifluoromethane	0.29598	0.19778	0.24496	0.27837	0.29272	0.28465	0.26574	14.290
9	Chloromethane	0.53770	0.48273	0.45108	0.45618	0.47127	0.44524	0.47403	7.192
10	Vinyl Chloride	0.48539	0.39811	0.38668	0.41079	0.41321	0.40149	0.41595	8.494
11	Bromomethane	0.29174	0.24034	0.21861	0.22004	0.19970	0.17257	0.22383	18.022
12	Chloroethane	0.31541	0.25282	0.24720	0.24438	0.23099	0.20353	0.24906	14.852
13	Trichlorofluoromethane	0.41993	0.30470	0.35790	0.39980	0.39784	0.38619	0.37773	10.896
14	Dichlorofluoromethane	0.48012	0.50777	0.49292	0.43907	0.44129	0.47032	0.47191	5.852
15	Acrolein	0.06009	0.05582	0.05578	0.05430	0.05558	0.05369	0.05588	4.008
16	Acetone	0.22368	0.17828	0.16074	0.15188	0.14754	0.14404	0.16769	17.912
17	1,1-Dichloroethene	0.23455	0.23771	0.23517	0.23068	0.24044	0.23400	0.23542	1.418
18	Freon-113	0.16553	0.17440	0.16303	0.16457	0.17754	0.17403	0.16985	3.632
19	Iodomethane	0.41069	0.39543	0.38623	0.36636	0.37704	0.37519	0.38516	4.150
20	Carbon Disulfide	0.93940	0.89693	0.90094	0.85843	0.88916	0.87854	0.89390	3.021
21	Methylene Chloride	0.60380	0.44646	0.34854	0.31714	0.30289	0.29098	0.38497	31.423
22	Acetonitrile	0.04600	0.04016	0.03959	0.03889	0.03894	0.03821	0.04030	7.130
23	Acrylonitrile	0.12501	0.12044	0.12114	0.11926	0.12204	0.12164	0.12159	1.598
24	Methyl tert-butyl ether	0.80936	0.81958	0.82494	0.81682	0.85022	0.87242	0.83222	2.900
25	trans-1,2-Dichloroethene	0.28558	0.29860	0.28485	0.26934	0.27559	0.27284	0.28113	3.822
26	Hexane	0.03005	0.03646	0.04415	0.04316	0.04833	0.04800	0.04169	17.125
27	Vinyl acetate	0.51403	0.52525	0.53603	0.58493	0.62674	0.65572	0.57378	10.160
28	1,1-Dichloroethane	0.53045	0.52386	0.51198	0.48808	0.49760	0.49337	0.50756	3.400
29	tert-Butyl Alcohol	0.01671	0.01622	0.01787	0.01783	0.01964	0.02028	0.01809	8.813
30	2-Butanone	0.18691	0.18154	0.17625	0.17774	0.18570	0.18568	0.18230	2.480
M 31	1,2-Dichloroethene (total)	0.28570	0.29303	0.28687	0.27368	0.28273	0.27966	0.28361	2.332
32	cis-1,2-dichloroethene	0.28580	0.28747	0.28890	0.27803	0.28987	0.28648	0.28609	1.478

Report Date : 02-Jun-2004 14:53

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	33 2,2-Dichloropropane	0.33189	0.31227	0.31605	0.30951	0.32552	0.32887	0.32068	2.902	
	34 Bromochloromethane	0.15841	0.14590	0.14015	0.13371	0.13596	0.13517	0.14155	6.616	
	35 Chloroform	0.51146	0.48757	0.47667	0.46019	0.46223	0.45929	0.47624	4.314	
	36 Tetrahydrofuran	0.07045	0.07014	0.07799	0.07395	0.08196	0.08122	0.07595	6.868	
	37 1,1,1-Trichloroethane	0.39837	0.39696	0.39145	0.37250	0.38864	0.38985	0.38963	2.374	
	38 1,1-Dichloropropene	0.33656	0.33474	0.34354	0.34859	0.36457	0.36425	0.34871	3.767	
	39 Carbon Tetrachloride	0.31766	0.30890	0.32340	0.31183	0.32938	0.32630	0.31958	2.555	
	40 1,2-Dichloroethane	0.39478	0.39576	0.39493	0.36630	0.37076	0.36641	0.38149	3.948	
	41 Benzene	1.23432	1.17945	1.19060	1.13882	1.17781	1.17466	1.18261	2.607	
	42 Trichloroethene	0.28872	0.28622	0.27934	0.26775	0.27661	0.27584	0.27908	2.724	
	43 1,2-Dichloropropane	0.31766	0.29768	0.28503	0.27978	0.28712	0.29108	0.29306	4.595	
	44 1,4-Dioxane	0.00200	0.00218	0.00229	0.00239	0.00259	0.00265	0.00235	10.556	<-
	45 Dibromomethane	0.17135	0.16764	0.15679	0.15156	0.15450	0.15257	0.15907	5.251	
	46 Bromodichloromethane	0.37269	0.36867	0.36499	0.35124	0.35802	0.35779	0.36223	2.197	
	47 2-Chloroethyl vinyl ether	0.13686	0.14111	0.15961	0.16942	0.18668	0.19380	0.16458	14.144	
	48 cis-1,3-Dichloropropene	0.40439	0.41899	0.41951	0.41900	0.43972	0.45121	0.42547	3.974	
	49 4-Methyl-2-pentanone	0.24825	0.23863	0.26398	0.28332	0.30015	0.30813	0.27374	10.268	
	50 Toluene	1.32924	1.38969	1.46998	1.43028	1.47358	1.44307	1.42264	3.866	
	51 trans-1,3-Dichloropropene	0.42264	0.45013	0.45604	0.45401	0.47786	0.48608	0.45779	4.898	
	52 Ethyl Methacrylate	0.33058	0.36266	0.40661	0.42693	0.47632	0.48076	0.41398	14.557	
	53 1,1,2-Trichloroethane	0.32631	0.31989	0.31427	0.29814	0.29888	0.29025	0.30795	4.618	
	54 1,3-Dichloropropane	0.55737	0.55602	0.56215	0.53760	0.55319	0.53920	0.55092	1.840	
	55 Tetrachloroethene	0.25820	0.24951	0.24663	0.24071	0.24403	0.23892	0.24633	2.829	
	56 2-Hexanone	0.24640	0.24062	0.28473	0.30157	0.31494	0.31939	0.28461	11.979	
	57 Dibromochloromethane	0.31496	0.32496	0.32346	0.30987	0.32225	0.31042	0.31765	2.127	
	58 1,2-Dibromoethane	0.30144	0.29008	0.29698	0.29096	0.29551	0.29136	0.29439	1.497	
	59 Chlorobenzene	0.91778	0.91121	0.89349	0.86173	0.88610	0.86997	0.89005	2.487	
	60 1,1,1,2-Tetrachloroethane	0.30615	0.33018	0.33114	0.31117	0.31970	0.31137	0.31828	3.308	
	61 Ethylbenzene	0.39692	0.41906	0.44111	0.44198	0.46130	0.46256	0.43716	5.799	
	62 m + p-Xylene	0.48525	0.50644	0.56643	0.56172	0.58912	0.57504	0.54733	7.582	
M	63 Xylenes (total)	0.46759	0.50391	0.55492	0.55648	0.58243	0.56901	0.53906	8.161	
	64 Xylene-o	0.43225	0.49884	0.53190	0.54601	0.56905	0.55694	0.52250	9.645	
	65 Styrene	0.73983	0.87078	0.96373	0.99181	1.04078	1.03123	0.93969	12.281	

Report Date : 02-Jun-2004 14:53

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
66 Bromoform	0.19649	0.21527	0.21863	0.20935	0.21518	0.21592	0.21181	3.821	
67 Isopropylbenzene	0.89493	0.95932	1.07157	1.10729	1.20566	1.22819	1.07783	12.263	
68 1,1,2,2-Tetrachloroethane	0.86569	0.81957	0.79202	0.78867	0.77671	0.78146	0.80402	4.192	
69 1,4-Dichloro-2-butene	0.17818	0.21467	0.20227	0.20908	0.23255	0.23625	0.21217	10.030	
70 1,2,3-Trichloropropane	0.25818	0.26983	0.26657	0.25232	0.24922	0.25176	0.25798	3.296	
71 Bromobenzene	0.71849	0.74826	0.69595	0.70701	0.72542	0.72083	0.71933	2.467	
72 n-Propylbenzene	0.47201	0.53353	0.57637	0.60724	0.64401	0.65829	0.58191	12.098	
73 2-Chlorotoluene	0.50640	0.58721	0.58682	0.58834	0.60365	0.61198	0.58074	6.518	
74 1,3,5-Trimethylbenzene	1.49010	1.63393	1.82456	1.92415	2.01084	2.07640	1.82667	12.393	
75 4-Chlorotoluene	0.55398	0.59778	0.63128	0.62800	0.62651	0.64096	0.61309	5.279	
76 tert-Butylbenzene	1.14876	1.24793	1.37471	1.44679	1.60061	1.66293	1.41362	14.054	
77 1,2,4-Trimethylbenzene	1.52472	1.72146	1.93485	2.02621	2.10824	2.16168	1.91286	12.820	
78 sec-Butylbenzene	1.71321	1.84627	1.99092	2.10440	2.28150	2.37669	2.05217	12.360	
79 4-Isopropyltoluene	1.35186	1.47761	1.66869	1.76873	1.87448	1.97969	1.68684	14.128	
80 1,3-Dichlorobenzene	1.19910	1.26326	1.19624	1.19032	1.19242	1.21659	1.20965	2.304	
81 1,4-Dichlorobenzene	1.30668	1.36193	1.25898	1.25961	1.25832	1.26496	1.28508	3.269	
82 n-Butylbenzene	1.24614	1.31237	1.40955	1.50126	1.64064	1.72696	1.47282	12.691	
83 1,2-Dichlorobenzene	1.22249	1.21495	1.24076	1.20907	1.21318	1.21531	1.21929	0.933	
84 1,2-Dibromo-3-chloropropane	0.14777	0.15195	0.15208	0.14465	0.15802	0.16363	0.15302	4.501	
85 1,2,4-Trichlorobenzene	0.50679	0.56561	0.57156	0.62206	0.66172	0.71147	0.60653	12.148	
86 Hexachlorobutadiene	0.34091	0.31245	0.30387	0.30953	0.32351	0.33268	0.32049	4.491	
87 Naphthalene	1.03428	1.08255	1.34610	1.63529	1.94589	2.14647	1.53176	29.829	
88 1,2,3-Trichlorobenzene	0.48001	0.50016	0.57595	0.59804	0.64359	0.66895	0.57778	13.099	
89 Ethyl Ether	0.25714	0.24726	0.24745	0.22663	0.22945	0.22850	0.23941	5.356	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	0.14700	0.14300	0.13735	0.12341	0.12749	0.13547	0.13562	6.614	
92 Isopropyl Ether	0.25082	0.24256	0.23798	0.22338	0.22392	0.23110	0.23496	4.621	
93 2-Chloro-1,3-butadiene	0.48219	0.47249	0.47505	0.42659	0.42726	0.45455	0.45636	5.379	
94 Propionitrile	0.03954	0.04256	0.04022	0.04111	0.04142	0.04145	0.04105	2.564	
95 Ethyl Acetate	0.28130	0.27456	0.27078	0.26254	0.27902	0.28993	0.27636	3.398	
96 Methacrylonitrile	0.21219	0.20211	0.19249	0.19387	0.19484	0.20244	0.19966	3.741	
97 Isobutanol	0.00666	0.00728	0.00764	0.00827	0.00914	0.01021	0.00820	15.857	<-
98 Cyclohexane	0.35580	0.33414	0.35648	0.38024	0.42095	0.43496	0.38043	10.474	

Report Date : 02-Jun-2004 14:53

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	99 n-Butanol	0.00309	0.00300	0.00403	0.00459	0.00526	0.00613	0.00435	28.273	<-
	100 Methyl Methacrylate	0.22836	0.24184	0.24368	0.23215	0.25893	0.27191	0.24614	6.711	
	101 2-Nitropropane	0.08590	0.07707	0.07857	0.07350	0.07651	0.08052	0.07868	5.383	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Cyclohexanone	0.01623	0.01660	0.01710	0.01760	0.02137	0.02186	0.01846	13.496	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	141 1,3,5-Trichlorobenzene	0.67396	0.69200	0.65052	0.70373	0.73513	0.75796	0.70222	5.613	
	143 Methyl Acetate	0.22729	0.22534	0.21931	0.20758	0.21482	0.21547	0.21830	3.344	
	144 Methylcyclohexane	0.25730	0.24656	0.27346	0.28793	0.32914	0.33640	0.28847	12.882	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	146 2-Methylnaphthalene	0.02545	0.01550	0.04300	0.22659	0.54044	0.77559	0.27110	117.432	<-
$	4 Dibromofluoromethane	0.19986	0.21928	0.23604	0.22954	0.23582	0.23324	0.22563	6.235	
$	5 1,2-Dichloroethane-d4	0.28354	0.30609	0.33017	0.31067	0.31743	0.31628	0.31070	5.016	
$	6 Toluene-d8	0.86218	1.02163	1.17834	1.18786	1.21348	1.21326	1.11279	12.790	
$	7 Bromofluorobenzene	0.32188	0.34208	0.40706	0.40310	0.42464	0.42650	0.38754	11.479	

Report Date : 02-Jun-2004 14:57

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74908.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74909.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74911.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
8 Dichlorodifluoromethane	0.29598	0.19778	0.24496	0.27837	0.29272	0.28465	AVRG		0.26574		14.29028
9 Chloromethane	0.53770	0.48273	0.45108	0.45618	0.47127	0.44524	AVRG		0.47403		7.19246
10 Vinyl Chloride	0.48539	0.39811	0.38668	0.41079	0.41321	0.40149	AVRG		0.41595		8.49359
11 Bromomethane	33000	54412	124888	252765	465196	829921	QUAD	0.00206	3.98174	2.61589	0.99986
12 Chloroethane	0.31541	0.25282	0.24720	0.24438	0.23099	0.20353	AVRG		0.24906		14.85246
13 Trichlorofluoromethane	0.41993	0.30470	0.35790	0.39980	0.39784	0.38619	AVRG		0.37773		10.89614
14 Dichlorofluoromethane	0.48012	0.50777	0.49292	0.43907	0.44129	0.47032	AVRG		0.47191		5.85215
15 Acrolein	0.06009	0.05582	0.05578	0.05430	0.05558	0.05369	AVRG		0.05588		4.00808
16 Acetone	50603	80726	183664	348927	687392	1385427	QUAD	-0.10096	6.86513	0.14315	1.00000

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
17	1,1-Dichloroethene	0.23455	0.23771	0.23517	0.23068	0.24044	0.23400	AVRG		0.23542		1.41808
18	Freon-113	0.16553	0.17440	0.16303	0.16457	0.17754	0.17403	AVRG		0.16985		3.63249
19	Iodomethane	0.41069	0.39543	0.38623	0.36636	0.37704	0.37519	AVRG		0.38516		4.14953
20	Carbon Disulfide	0.93940	0.89693	0.90094	0.85843	0.88916	0.87854	AVRG		0.89390		3.02076
21	Methylene Chloride	68297	101077	199121	364306	705589	1399377	QUAD	-0.10517	3.43993	0.07404	0.99999
22	Acetonitrile	0.04600	0.04016	0.03959	0.03889	0.03894	0.03821	AVRG		0.04030		7.12961
23	Acrylonitrile	0.12501	0.12044	0.12114	0.11926	0.12204	0.12164	AVRG		0.12159		1.59836
24	Methyl tert-butyl ether	0.80936	0.81958	0.82494	0.81682	0.85022	0.87242	AVRG		0.83222		2.90012
25	trans-1,2-Dichloroethene	0.28558	0.29860	0.28485	0.26934	0.27559	0.27284	AVRG		0.28113		3.82180
26	Hexane	3399	8255	25224	49582	112582	230820	QUAD	0.05539	20.48863	0.12713	0.99952
27	Vinyl acetate	0.51403	0.52525	0.53603	0.58493	0.62674	0.65572	AVRG		0.57378		10.16048
28	1,1-Dichloroethane	0.53045	0.52386	0.51198	0.48808	0.49760	0.49337	AVRG		0.50756		3.40044
29	tert-Butyl Alcohol	0.01671	0.01622	0.01787	0.01783	0.01964	0.02028	AVRG		0.01809		8.81323
30	2-Butanone	0.18691	0.18154	0.17625	0.17774	0.18570	0.18568	AVRG		0.18230		2.48027
M 31	1,2-Dichloroethene (total)	0.28570	0.29303	0.28687	0.27368	0.28273	0.27966	AVRG		0.28361		2.33202
32	cis-1,2-dichloroethene	0.28580	0.28747	0.28890	0.27803	0.28987	0.28648	AVRG		0.28609		1.47769
33	2,2-Dichloropropane	0.33189	0.31227	0.31605	0.30951	0.32552	0.32887	AVRG		0.32068		2.90244

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
34 Bromochloromethane	0.15841	0.14590	0.14015	0.13371	0.13596	0.13517	AVRG		0.14155		6.61558	
35 Chloroform	0.51146	0.48757	0.47667	0.46019	0.46223	0.45929	AVRG		0.47624		4.31379	
36 Tetrahydrofuran	0.07045	0.07014	0.07799	0.07395	0.08196	0.08122	AVRG		0.07595		6.86799	
37 1,1,1-Trichloroethane	0.39837	0.39696	0.39145	0.37250	0.38864	0.38985	AVRG		0.38963		2.37446	
38 1,1-Dichloropropene	0.33656	0.33474	0.34354	0.34859	0.36457	0.36425	AVRG		0.34871		3.76655	
39 Carbon Tetrachloride	0.31766	0.30890	0.32340	0.31183	0.32938	0.32630	AVRG		0.31958		2.55542	
40 1,2-Dichloroethane	0.39478	0.39576	0.39493	0.36630	0.37076	0.36641	AVRG		0.38149		3.94783	
41 Benzene	1.23432	1.17945	1.19060	1.13882	1.17781	1.17466	AVRG		1.18261		2.60680	
42 Trichloroethene	0.28872	0.28622	0.27934	0.26775	0.27661	0.27584	AVRG		0.27908		2.72366	
43 1,2-Dichloropropane	0.31766	0.29768	0.28503	0.27978	0.28712	0.29108	AVRG		0.29306		4.59459	
44 1,4-Dioxane	0.00200	0.00218	0.00229	0.00239	0.00259	0.00265	AVRG		0.00235		10.55633	<-
45 Dibromomethane	0.17135	0.16764	0.15679	0.15156	0.15450	0.15257	AVRG		0.15907		5.25148	
46 Bromodichloromethane	0.37269	0.36867	0.36499	0.35124	0.35802	0.35779	AVRG		0.36223		2.19694	
47 2-Chloroethyl vinyl ether	0.13686	0.14111	0.15961	0.16942	0.18668	0.19380	AVRG		0.16458		14.14353	
48 cis-1,3-Dichloropropene	0.40439	0.41899	0.41951	0.41900	0.43972	0.45121	AVRG		0.42547		3.97424	
49 4-Methyl-2-pentanone	0.24825	0.23863	0.26398	0.28332	0.30015	0.30813	AVRG		0.27374		10.26805	
50 Toluene	1.32924	1.38969	1.46998	1.43028	1.47358	1.44307	AVRG		1.42264		3.86569	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	51 trans-1,3-Dichloropropene	0.42264	0.45013	0.45604	0.45401	0.47786	0.48608	AVRG		0.45779		4.89820
	52 Ethyl Methacrylate	0.33058	0.36266	0.40661	0.42693	0.47632	0.48076	AVRG		0.41398		14.55657
	53 1,1,2-Trichloroethane	0.32631	0.31989	0.31427	0.29814	0.29888	0.29025	AVRG		0.30795		4.61833
	54 1,3-Dichloropropane	0.55737	0.55602	0.56215	0.53760	0.55319	0.53920	AVRG		0.55092		1.83968
	55 Tetrachloroethene	0.25820	0.24951	0.24663	0.24071	0.24403	0.23892	AVRG		0.24633		2.82946
	56 2-Hexanone	0.24640	0.24062	0.28473	0.30157	0.31494	0.31939	AVRG		0.28461		11.97919
	57 Dibromochloromethane	0.31496	0.32496	0.32346	0.30987	0.32225	0.31042	AVRG		0.31765		2.12703
	58 1,2-Dibromoethane	0.30144	0.29008	0.29698	0.29096	0.29551	0.29136	AVRG		0.29439		1.49709
	59 Chlorobenzene	0.91778	0.91121	0.89349	0.86173	0.88610	0.86997	AVRG		0.89005		2.48673
	60 1,1,1,2-Tetrachloroethane	0.30615	0.33018	0.33114	0.31117	0.31970	0.31137	AVRG		0.31828		3.30835
	61 Ethylbenzene	0.39692	0.41906	0.44111	0.44198	0.46130	0.46256	AVRG		0.43716		5.79928
	62 m + p-Xylene	0.48525	0.50644	0.56643	0.56172	0.58912	0.57504	AVRG		0.54733		7.58227
M	63 Xylenes (total)	0.46759	0.50391	0.55492	0.55648	0.58243	0.56901	AVRG		0.53906		8.16121
	64 Xylene-o	0.43225	0.49884	0.53190	0.54601	0.56905	0.55694	AVRG		0.52250		9.64525
	65 Styrene	0.73983	0.87078	0.96373	0.99181	1.04078	1.03123	AVRG		0.93969		12.28074
	66 Bromoform	0.19649	0.21527	0.21863	0.20935	0.21518	0.21592	AVRG		0.21181		3.82103
	67 Isopropylbenzene	0.89493	0.95932	1.07157	1.10729	1.20566	1.22819	AVRG		1.07783		12.26319

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
68 1,1,2,2-Tetrachloroethane	0.86569	0.81957	0.79202	0.78867	0.77671	0.78146	AVRG		0.80402		4.19189
69 1,4-Dichloro-2-butene	0.17818	0.21467	0.20227	0.20908	0.23255	0.23625	AVRG		0.21217		10.02977
70 1,2,3-Trichloropropane	0.25818	0.26983	0.26657	0.25232	0.24922	0.25176	AVRG		0.25798		3.29642
71 Bromobenzene	0.71849	0.74826	0.69595	0.70701	0.72542	0.72083	AVRG		0.71933		2.46744
72 n-Propylbenzene	0.47201	0.53353	0.57637	0.60724	0.64401	0.65829	AVRG		0.58191		12.09819
73 2-Chlorotoluene	0.50640	0.58721	0.58682	0.58834	0.60365	0.61198	AVRG		0.58074		6.51773
74 1,3,5-Trimethylbenzene	1.49010	1.63393	1.82456	1.92415	2.01084	2.07640	AVRG		1.82667		12.39258
75 4-Chlorotoluene	0.55398	0.59778	0.63128	0.62800	0.62651	0.64096	AVRG		0.61309		5.27942
76 tert-Butylbenzene	1.14876	1.24793	1.37471	1.44679	1.60061	1.66293	AVRG		1.41362		14.05364
77 1,2,4-Trimethylbenzene	1.52472	1.72146	1.93485	2.02621	2.10824	2.16168	AVRG		1.91286		12.82036
78 sec-Butylbenzene	1.71321	1.84627	1.99092	2.10440	2.28150	2.37669	AVRG		2.05217		12.35976
79 4-Isopropyltoluene	1.35186	1.47761	1.66869	1.76873	1.87448	1.97969	AVRG		1.68684		14.12847
80 1,3-Dichlorobenzene	1.19910	1.26326	1.19624	1.19032	1.19242	1.21659	AVRG		1.20965		2.30393
81 1,4-Dichlorobenzene	1.30668	1.36193	1.25898	1.25961	1.25832	1.26496	AVRG		1.28508		3.26884
82 n-Butylbenzene	1.24614	1.31237	1.40955	1.50126	1.64064	1.72696	AVRG		1.47282		12.69123
83 1,2-Dichlorobenzene	1.22249	1.21495	1.24076	1.20907	1.21318	1.21531	AVRG		1.21929		0.93325
84 1,2-Dibromo-3-chloropropane	0.14777	0.15195	0.15208	0.14465	0.15802	0.16363	AVRG		0.15302		4.50065

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
85 1,2,4-Trichlorobenzene	0.50679	0.56561	0.57156	0.62206	0.66172	0.71147	AVRG		0.60653		12.14786	
86 Hexachlorobutadiene	0.34091	0.31245	0.30387	0.30953	0.32351	0.33268	AVRG		0.32049		4.49069	
87 Naphthalene	46042	98335	318161	768122	1887398	4246710	QUAD	0.09533	0.53829	-0.00981	0.99917	
88 1,2,3-Trichlorobenzene	0.48001	0.50016	0.57595	0.59804	0.64359	0.66895	AVRG		0.57778		13.09916	
89 Ethyl Ether	0.25714	0.24726	0.24745	0.22663	0.22945	0.22850	AVRG		0.23941		5.35617	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.14700	0.14300	0.13735	0.12341	0.12749	0.13547	AVRG		0.13562		6.61442	
92 Isopropyl Ether	0.25082	0.24256	0.23798	0.22338	0.22392	0.23110	AVRG		0.23496		4.62052	
93 2-Chloro-1,3-butadiene	0.48219	0.47249	0.47505	0.42659	0.42726	0.45455	AVRG		0.45636		5.37917	
94 Propionitrile	0.03954	0.04256	0.04022	0.04111	0.04142	0.04145	AVRG		0.04105		2.56352	
95 Ethyl Acetate	0.28130	0.27456	0.27078	0.26254	0.27902	0.28993	AVRG		0.27636		3.39785	
96 Methacrylonitrile	0.21219	0.20211	0.19249	0.19387	0.19484	0.20244	AVRG		0.19966		3.74067	
97 Isobutanol	9534	20458	53145	115229	258038	572710	QUAD	0.77634	118	-25.35024	0.99985	<-
98 Cyclohexane	0.35580	0.33414	0.35648	0.38024	0.42095	0.43496	AVRG		0.38043		10.47388	
99 n-Butanol	4415	8430	28048	63925	148458	343575	QUAD	1.45550	204	-90.32473	0.99972	<-
100 Methyl Methacrylate	0.22836	0.24184	0.24368	0.23215	0.25893	0.27191	AVRG		0.24614		6.71105	
101 2-Nitropropane	0.08590	0.07707	0.07857	0.07350	0.07651	0.08052	AVRG		0.07868		5.38276	

Report Date : 02-Jun-2004 14:57

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	103 Cyclohexanone	0.01623	0.01660	0.01710	0.01760	0.02137	0.02186	AVRG		0.01846		13.49623	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.70222		5.61334	
	141 1,3,5-Trichlorobenzene	0.67396	0.69200	0.65052	0.70373	0.73513	0.75796	AVRG		0.21830		3.34409	
	143 Methyl Acetate	0.22729	0.22534	0.21931	0.20758	0.21482	0.21547	AVRG		0.28847		12.88243	
	144 Methylcyclohexane	0.25730	0.24656	0.27346	0.28793	0.32914	0.33640	AVRG		0.000e+000		0.000e+000	<-
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	
	146 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	

STL North Canton

INITIAL CALIBRATION DATA

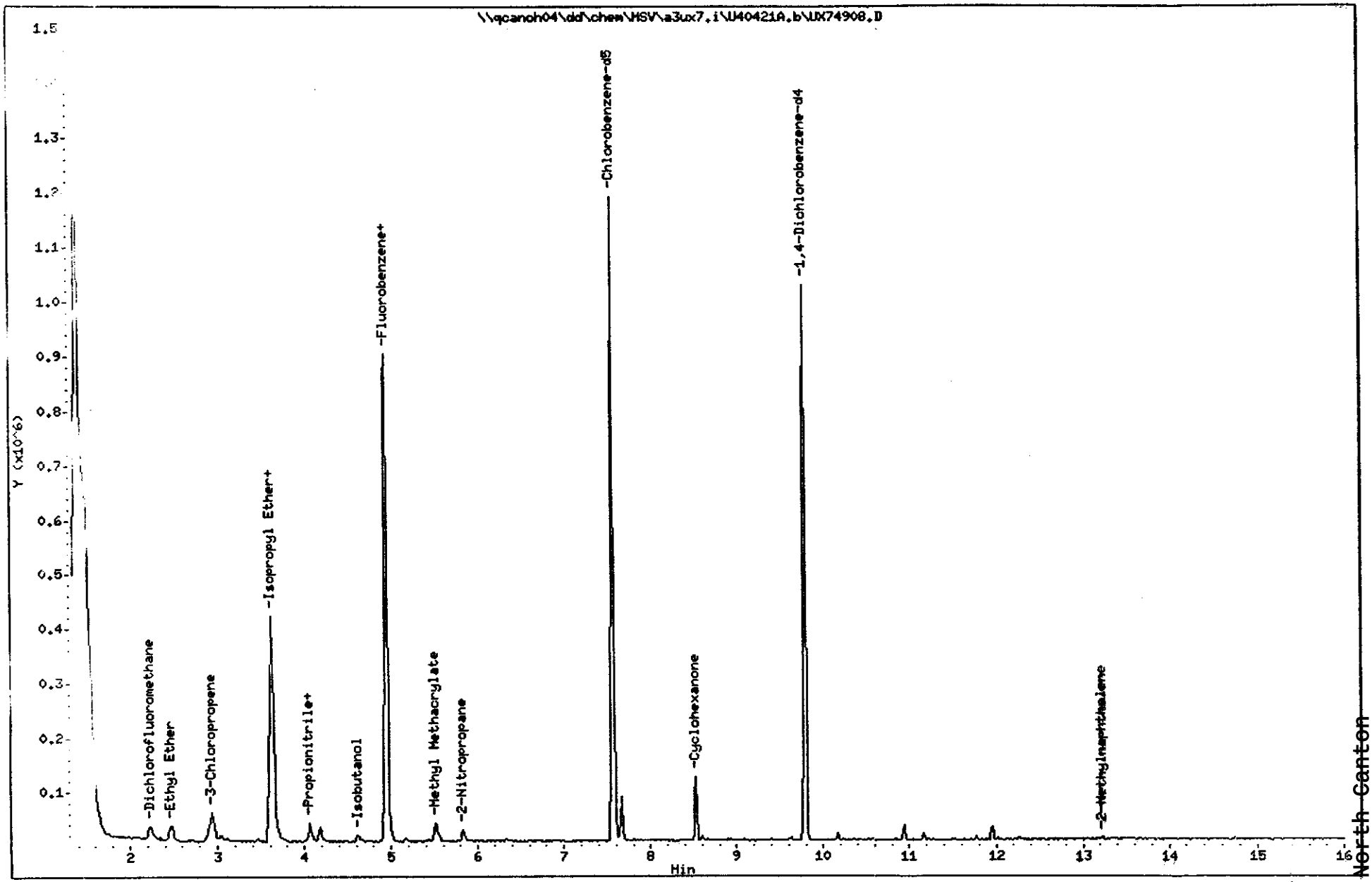
Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
$ 4 Dibromofluoromethane	0.19986	0.21928	0.23604	0.22954	0.23582	0.23324	AVRG		0.22563		6.23499
$ 5 1,2-Dichloroethane-d4	0.28354	0.30609	0.33017	0.31067	0.31743	0.31628	AVRG		0.31070		5.01586
$ 6 Toluene-d8	0.86218	1.02163	1.17834	1.18786	1.21348	1.21326	AVRG		1.11279		12.78995
$ 7 Bromofluorobenzene	0.32188	0.34208	0.40706	0.40310	0.42464	0.42650	AVRG		0.38754		11.47937

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74908.D
Date : 21-APR-2004 09:38
Client ID:
Sample Info: 5NGA9CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74908.D
Report Date: 22-Apr-2004 11:24

STL North Canton

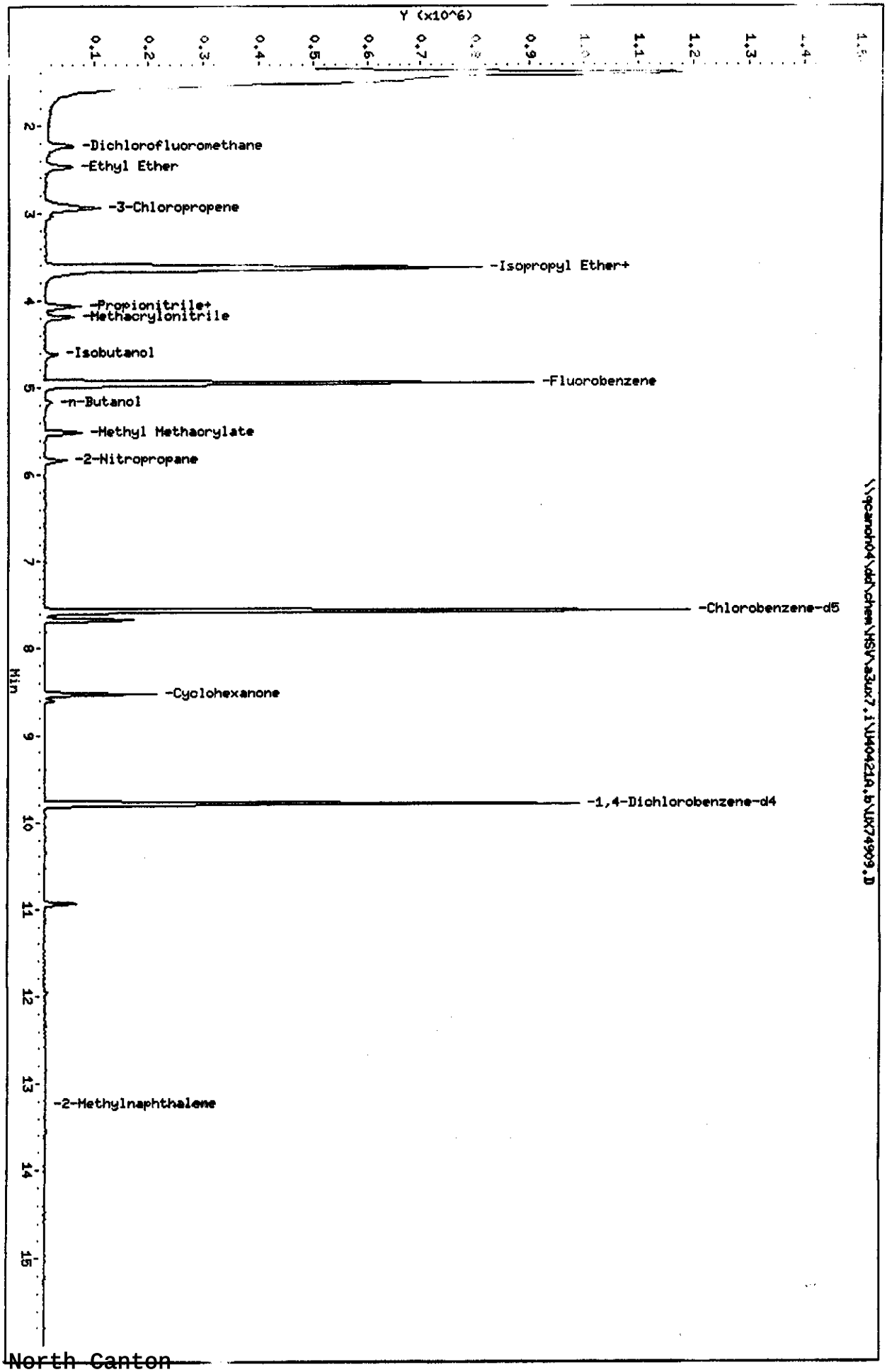
VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74908.D
Lab Smp Id: 5NGA9CAL
Inj Date : 21-APR-2004 09:38
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 5NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:24 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.952	4.952	(1.000)	995421	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	715380	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	302103	50.0000	
14 Dichlorofluoromethane	67	2.231	2.231	(0.451)	47792	5.00000	5.087
89 Ethyl Ether	59	2.467	2.467	(0.498)	25596	5.00000	5.370
91 3-Chloropropene	76	2.941	2.941	(0.594)	14633	5.00000	5.420
92 Isopropyl Ether	87	3.627	3.627	(0.732)	124836	25.0000	26.688
93 2-Chloro-1,3-butadiene	53	3.651	3.651	(0.737)	47998	5.00000	5.283
94 Propionitrile	54	4.065	4.065	(0.821)	7072	10.0000	9.632
95 Ethyl Acetate	43	4.065	4.065	(0.821)	56003	10.0000	10.179
96 Methacrylonitrile	41	4.183	4.183	(0.845)	21122	5.00000	5.314
97 Isobutanol	41	4.609	4.609	(0.609)	9534	100.000	116.97
99 n-Butanol	56	5.177	5.177	(0.684)	4415	100.000	135.68
100 Methyl Methacrylate	41	5.509	5.509	(1.112)	22131	5.00000	4.639
101 2-Nitropropane	41	5.828	5.828	(1.177)	17101	10.0000	10.918
103 Cyclohexanone	55	8.597	8.597	(0.878)	4803	50.0000	43.963
146 2-Methylnaphthalene	142	13.224	13.224	(1.350)	1538	10.0000	31.976


Data File: \\qcanon04\dd\chem\HSV\a3ux7.i\U040421A.b\UX74909.D
Date : 21-APR-2004 10:02
Client ID:
Sample Info: 10NG490AL
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
-Isopropyl Ether+
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
-Chlorobenzene-d5
-Cyclohexanone
-1,4-Dichlorobenzene-d4
-2-Methylnaphthalene
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
\\qcanon04\dd\chem\HSV\a3ux7.i\U040421A.b\UX74909.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74909.D
Report Date: 22-Apr-2004 11:25

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74909.D
Lab Smp Id: 10NGA9CAL
Inj Date : 21-APR-2004 10:02
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 10NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:25 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.943	4.943	(1.000)	995175	50.0000	
* 2 Chlorobenzene-d5	117	7.570	7.570	(1.000)	702305	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.795	9.795	(1.000)	305216	50.0000	
14 Dichlorofluoromethane	67	2.233	2.233	(0.452)	101064	10.0000	10.760
89 Ethyl Ether	59	2.470	2.470	(0.500)	49214	10.0000	10.328
91 3-Chloropropene	76	2.943	2.943	(0.595)	28463	10.0000	10.544
92 Isopropyl Ether	87	3.618	3.618	(0.732)	241385	50.0000	51.616
93 2-Chloro-1,3-butadiene	53	3.653	3.653	(0.739)	94043	10.0000	10.354
94 Propionitrile	54	4.067	4.067	(0.823)	16940	20.0000	20.733
95 Ethyl Acetate	43	4.067	4.067	(0.823)	109294	20.0000	19.870
96 Methacrylonitrile	41	4.186	4.186	(0.847)	40226	10.0000	10.123
97 Isobutanol	41	4.612	4.612	(0.609)	20458	200.000	209.05(A)
99 n-Butanol	56	5.168	5.168	(0.683)	8430	200.000	194.80
100 Methyl Methacrylate	41	5.511	5.511	(1.115)	48135	10.0000	9.825
101 2-Nitropropane	41	5.831	5.831	(1.180)	30679	20.0000	19.591
103 Cyclohexanone	55	8.599	8.599	(0.878)	10134	100.000	89.941
146 2-Methylnaphthalene	142	13.226	13.226	(1.350)	1892	20.0000	32.080

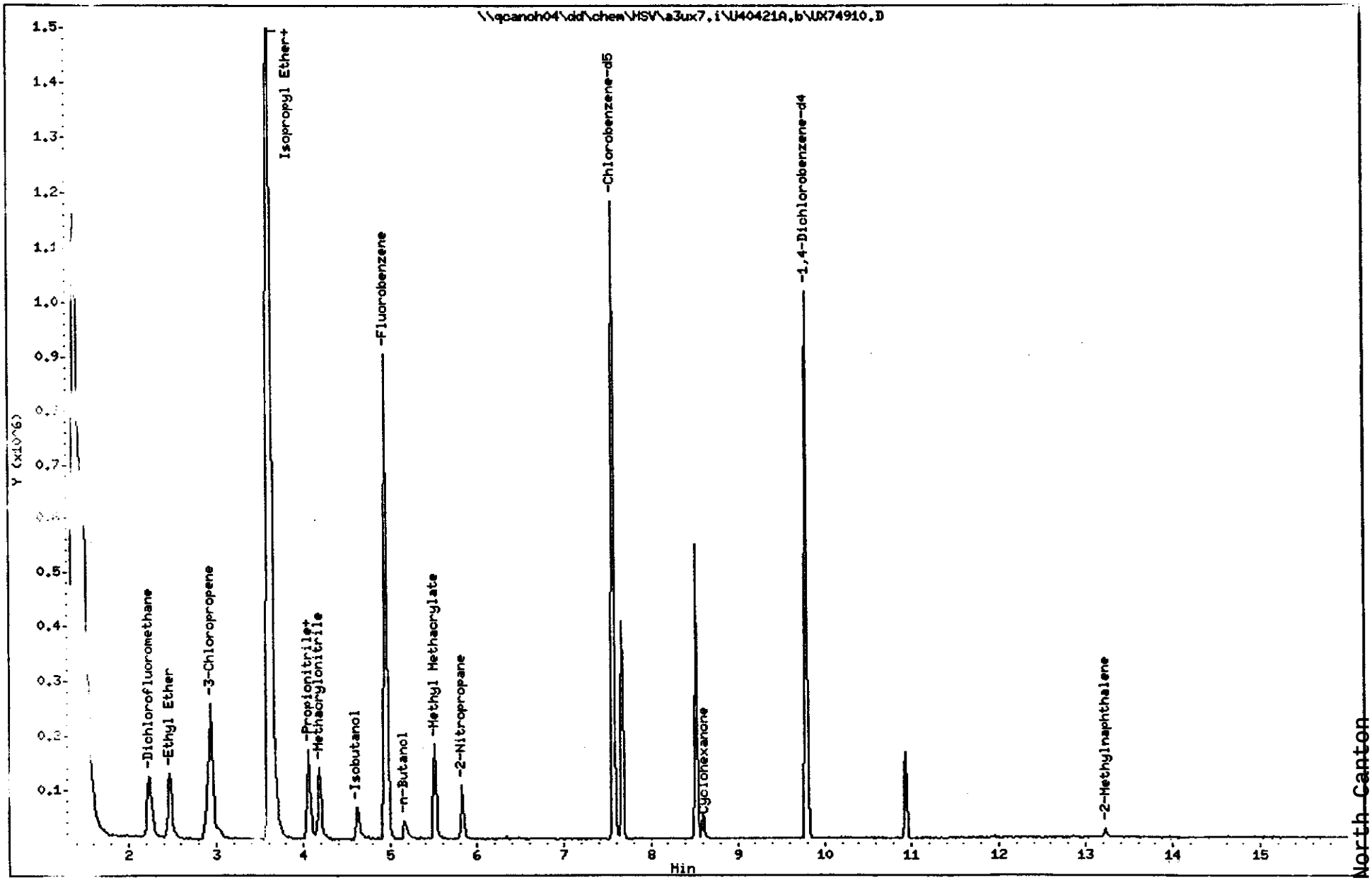
Data File: \\qca...oh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74909.D
Report Date: 22-Apr-2004 11:25

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74910.D
Date : 21-APR-2004 10:26
Client ID:
Sample Info: 25NGA9CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Report Date: 22-Apr-2004 11:26

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Lab Smp Id: 25NGA9CAL
Inj Date : 21-APR-2004 10:26
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 25NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:25 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.954	4.954	(1.000)	990903	50.0000	
* 2 Chlorobenzene-d5	117	7.569	7.569	(1.000)	695978	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.793	9.793	(1.000)	307483	50.0000	
14 Dichlorofluoromethane	67	2.244	2.244	(0.453)	244218	25.0000	26.113
89 Ethyl Ether	59	2.469	2.469	(0.498)	122600	25.0000	25.840
91 3-Chloropropene	76	2.942	2.942	(0.594)	68050	25.0000	25.318
92 Isopropyl Ether	87	3.628	3.628	(0.732)	589545	125.000	126.61
93 2-Chloro-1,3-butadiene	53	3.640	3.640	(0.735)	235365	25.0000	26.024
94 Propionitrile	54	4.054	4.054	(0.818)	59854	50.0000	48.988
95 Ethyl Acetate	43	4.066	4.066	(0.821)	268319	50.0000	48.992
96 Methacrylonitrile	41	4.185	4.185	(0.845)	95369	25.0000	24.102
97 Isobutanol	41	4.611	4.611	(0.609)	53145	500.000	480.50(A)
99 n-Butanol	56	5.155	5.155	(0.681)	28048	500.000	477.33(A)
100 Methyl Methacrylate	41	5.510	5.510	(1.112)	120731	25.0000	24.750
101 2-Nitropropane	41	5.829	5.829	(1.177)	77856	50.0000	49.932
103 Cyclohexanone	55	8.598	8.598	(0.878)	36284	250.000	231.55(A)
146 2-Methylnaphthalene	142	13.225	13.225	(1.350)	13221	50.0000	35.525

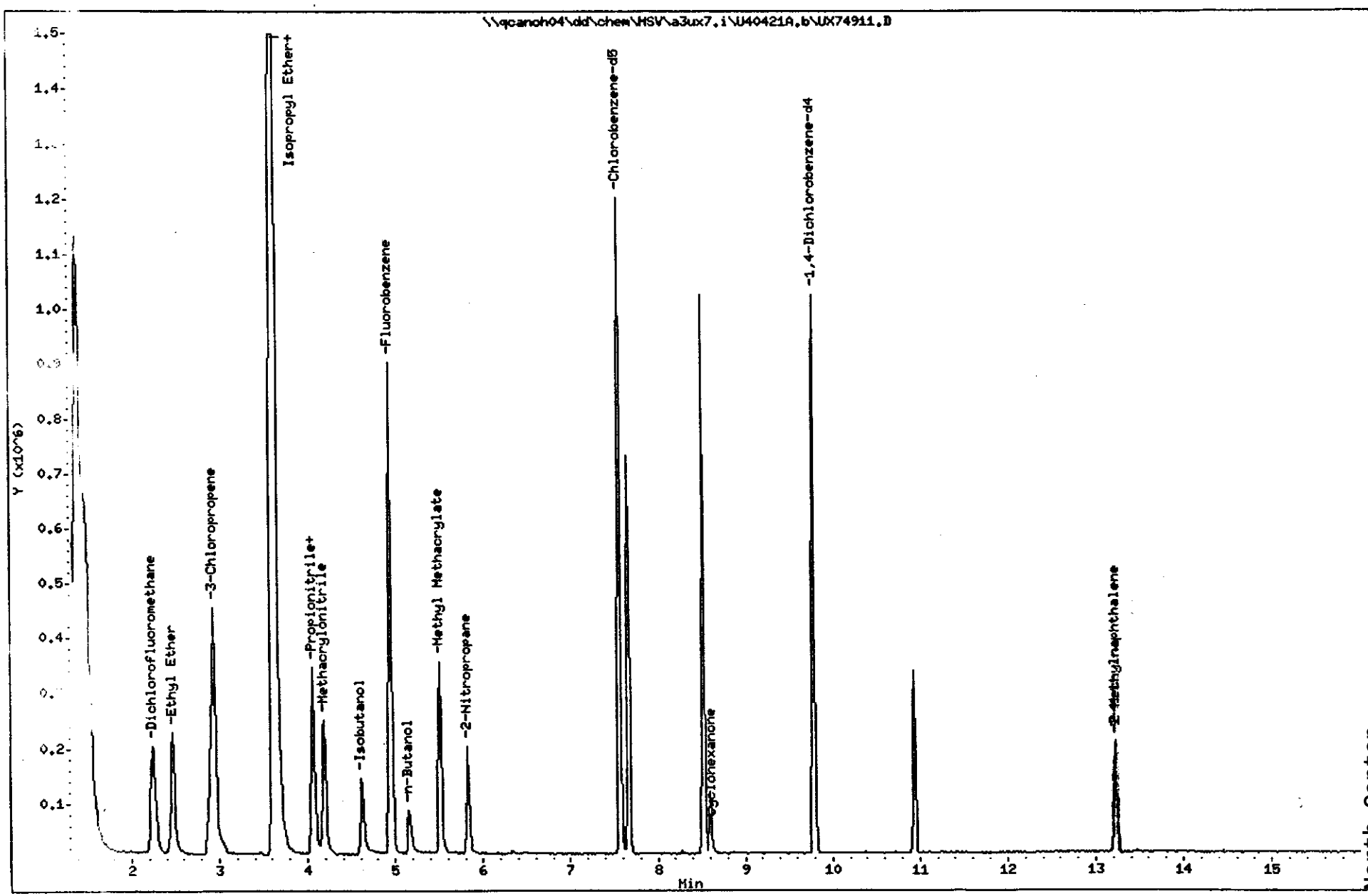
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Report Date: 22-Apr-2004 11:26

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74911.D
Date : 21-APR-2004 10:50
Client ID:
Sample Info: 50NGA9CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74911.D
Report Date: 22-Apr-2004 11:26

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74911.D
Lab Smp Id: 50NGA9CAL
Inj Date : 21-APR-2004 10:50
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 50NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:26 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.943	4.943	(1.000)	981321	50.0000	
* 2 Chlorobenzene-d5	117	7.570	7.570	(1.000)	696721	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.794	9.794	(1.000)	310771	50.0000	
14 Dichlorofluoromethane	67	2.245	2.245	(0.454)	430869	50.0000	46.520
89 Ethyl Ether	59	2.470	2.470	(0.500)	222396	50.0000	47.332
91 3-Chloropropene	76	2.943	2.943	(0.595)	121101	50.0000	45.496
92 Isopropyl Ether	87	3.629	3.629	(0.734)	1096029	250.000	237.68(A)
93 2-Chloro-1,3-butadiene	53	3.641	3.641	(0.737)	418619	50.0000	46.738
94 Propionitrile	54	4.055	4.055	(0.820)	80688	100.000	100.15
95 Ethyl Acetate	43	4.055	4.055	(0.820)	515278	100.000	95.002
96 Methacrylonitrile	41	4.185	4.185	(0.847)	190253	50.0000	48.552
97 Isobutanol	41	4.611	4.611	(0.609)	115229	1000.00	976.79(A)
99 n-Butanol	56	5.156	5.156	(0.681)	63925	1000.00	972.50(A)
100 Methyl Methacrylate	41	5.511	5.511	(1.115)	227809	50.0000	47.156
101 2-Nitropropane	41	5.830	5.830	(1.180)	144250	100.000	93.416
103 Cyclohexanone	55	8.599	8.599	(0.878)	54685	500.000	476.66(A)
146 2-Methylnaphthalene	142	13.226	13.226	(1.350)	140838	100.000	72.905

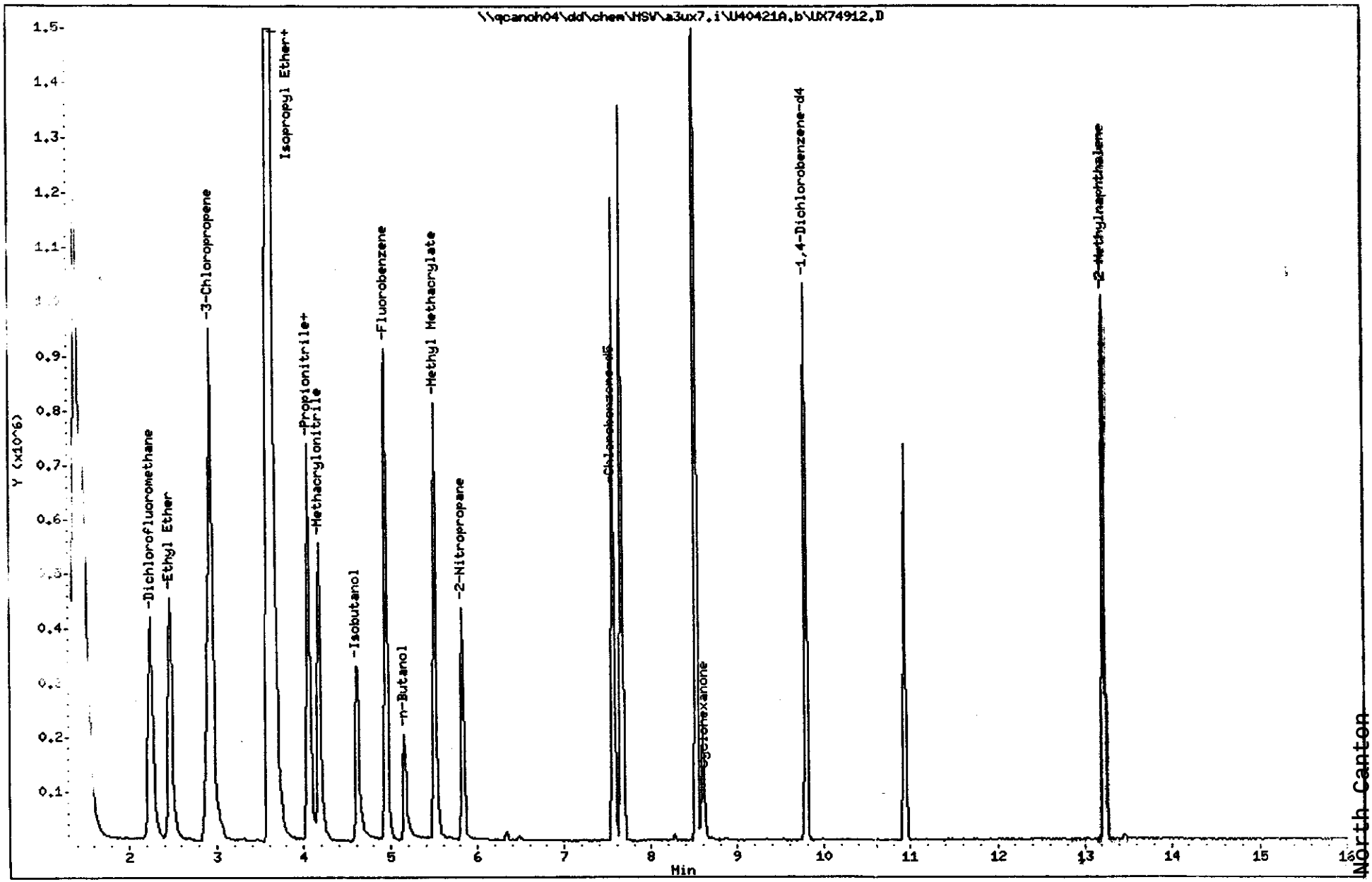
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\U[illegible]4911.D
Report Date: 22-Apr-2004 11:26

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74912.D
Date : 21-APR-2004 11:13
Client ID:
Sample Info: 100NGA9CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Report Date: 22-Apr-2004 11:27

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Lab Smp Id: 100NGA9CAL
Inj Date : 21-APR-2004 11:13
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 100NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:27 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.952	4.952	(1.000)	990475	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	705801	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.791	9.791	(1.000)	305840	50.0000	
14 Dichlorofluoromethane	67	2.242	2.242	(0.453)	874166	100.000	93.510
89 Ethyl Ether	59	2.467	2.467	(0.498)	454523	100.000	95.840
91 3-Chloropropene	76	2.940	2.940	(0.594)	252557	100.000	94.006
92 Isopropyl Ether	87	3.626	3.626	(0.732)	2217879	500.000	476.51(A)
93 2-Chloro-1,3-butadiene	53	3.650	3.650	(0.737)	846389	100.000	93.625
94 Propionitrile	54	4.052	4.052	(0.818)	164117	200.000	201.82(A)
95 Ethyl Acetate	43	4.064	4.064	(0.821)	1105437	200.000	201.92(A)
96 Methacrylonitrile	41	4.183	4.183	(0.845)	385964	100.000	97.587
97 Isobutanol	41	4.620	4.620	(0.611)	258038	2000.00	2019.5(A)
99 n-Butanol	56	5.153	5.153	(0.681)	148458	2000.00	2022.8(A)
100 Methyl Methacrylate	41	5.508	5.508	(1.112)	512935	100.000	105.20
101 2-Nitropropane	41	5.827	5.827	(1.177)	303116	200.000	194.48
103 Cyclohexanone	55	8.596	8.596	(0.878)	130705	1000.00	1157.7(A)
146 2-Methylnaphthalene	142	13.235	13.235	(1.352)	661148	200.000	208.39

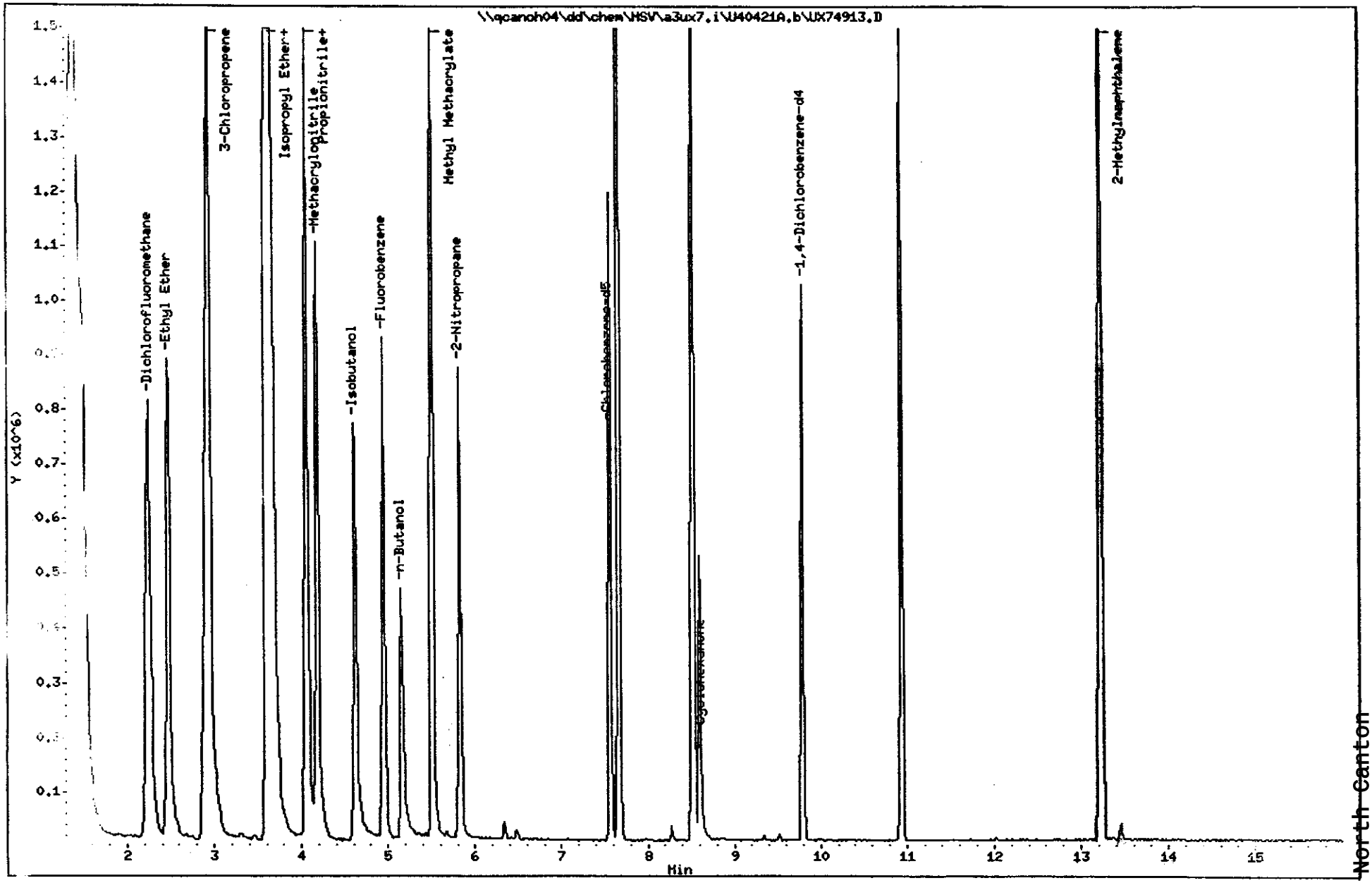
Data File: \\cancoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Report Date: 23-Apr-2004 11:27

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74913.D
Date : 21-APR-2004 11:55
Client ID:
Sample Info: 200NGA9CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D
Report Date: 22-Apr-2004 11:28

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D
Lab Smp Id: 200NGA9CAL
Inj Date : 21-APR-2004 11:55
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 200NGA9CAL
Misc Info : U40421A,N8260UX7-3,3-IX.SUB,1754,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\N8260UX7-3.m
Meth Date : 22-Apr-2004 11:28 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.954	4.954	(1.000)	980833	50.0000	
* 2 Chlorobenzene-d5	117	7.569	7.569	(1.000)	701071	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.794	9.794	(1.000)	309470	50.0000	
14 Dichlorofluoromethane	67	2.244	2.244	(0.453)	1845214	200.000	199.32
89 Ethyl Ether	59	2.469	2.469	(0.498)	896497	200.000	190.89
91 3-Chloropropene	76	2.943	2.943	(0.594)	531503	200.000	199.78
92 Isopropyl Ether	87	3.629	3.629	(0.733)	4533367	1000.00	983.56(A)
93 2-Chloro-1,3-butadiene	53	3.652	3.652	(0.737)	1783345	200.000	199.21
94 Propionitrile	54	4.055	4.055	(0.818)	325259	400.000	403.91(A)
95 Ethyl Acetate	43	4.067	4.067	(0.821)	2274977	400.000	419.65(A)
96 Methacrylonitrile	41	4.185	4.185	(0.845)	794235	200.000	202.79(A)
97 Isobutanol	41	4.611	4.611	(0.609)	572710	4000.00	3997.2(A)
99 n-Butanol	56	5.155	5.155	(0.681)	343575	4000.00	3996.9(A)
100 Methyl Methacrylate	41	5.510	5.510	(1.112)	1066787	200.000	220.93(A)
101 2-Nitropropane	41	5.830	5.830	(1.177)	631831	400.000	409.38(A)
103 Cyclohexanone	55	8.599	8.599	(0.878)	278558	2000.00	2368.2(A)
146 2-Methylnaphthalene	142	13.225	13.225	(1.350)	1920176	400.000	399.13

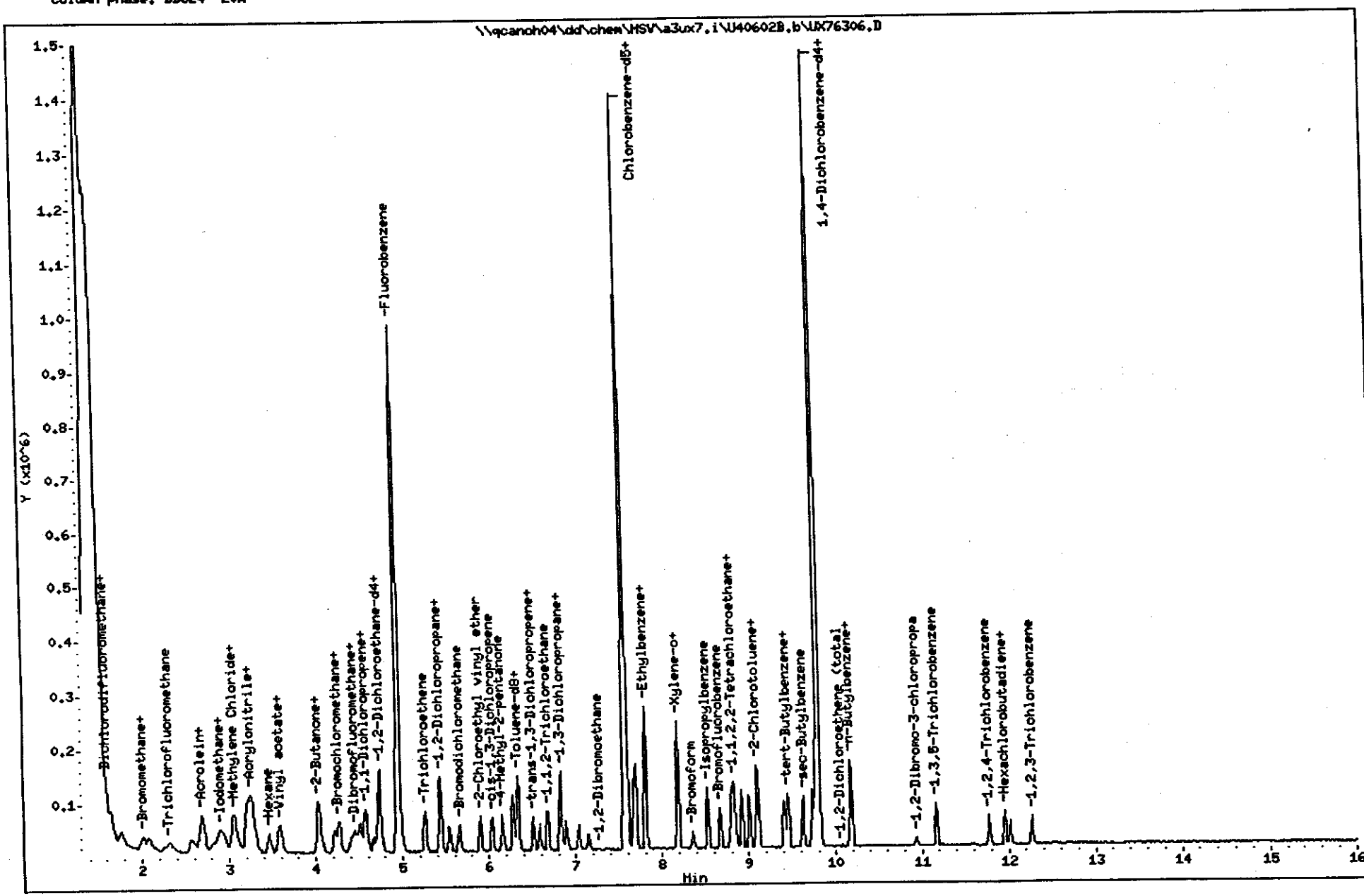
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D
Report Date: 22-Apr-2004 11:28

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76306.D
Date : 02-JUN-2004 12:14
Client ID:
Sample Info: 5.0NC8260CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1764
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76306.D
Report Date: 02-Jun-2004 15:13

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76306.D
Lab Smp Id: 5.0NG8260CAL
Inj Date : 02-JUN-2004 12:14 Inst ID: a3ux7.i
Operator : 1754
Smp Info : 5.0NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:13 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	4.952	4.952	(1.000)	1131125	50.0000	
*	2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	909914	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.791	9.791	(1.000)	445158	50.0000	
$	4 Dibromofluoromethane	113	4.407	4.407	(0.890)	22607	5.00000	4.429
$	5 1,2-Dichloroethane-d4	65	4.679	4.679	(0.945)	32072	5.00000	4.563
$	6 Toluene-d8	98	6.277	6.277	(0.830)	78451	5.00000	3.874
$	7 Bromofluorobenzene	95	8.667	8.667	(1.145)	29288	5.00000	4.153
	8 Dichlorodifluoromethane	85	1.591	1.591	(0.321)	33479	5.00000	5.569
	9 Chloromethane	50	1.662	1.662	(0.336)	60821	5.00000	5.672
	10 Vinyl Chloride	62	1.769	1.769	(0.357)	54904	5.00000	5.835
	11 Bromomethane	94	2.005	2.005	(0.405)	33000	5.00000	6.023
	12 Chloroethane	64	2.088	2.088	(0.422)	35677	5.00000	6.332
	13 Trichlorofluoromethane	101	2.313	2.313	(0.467)	47499	5.00000	5.559
	15 Acrolein	56	2.561	2.561	(0.517)	67965	50.0000	53.766
	16 Acetone	43	2.691	2.691	(0.544)	50603	10.0000	10.323
	17 1,1-Dichloroethene	96	2.691	2.691	(0.544)	26530	5.00000	4.981
	18 Freon-113	151	2.691	2.691	(0.544)	18724	5.00000	4.873

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76306.D
Report Date: 02-Jun-2004 15:13

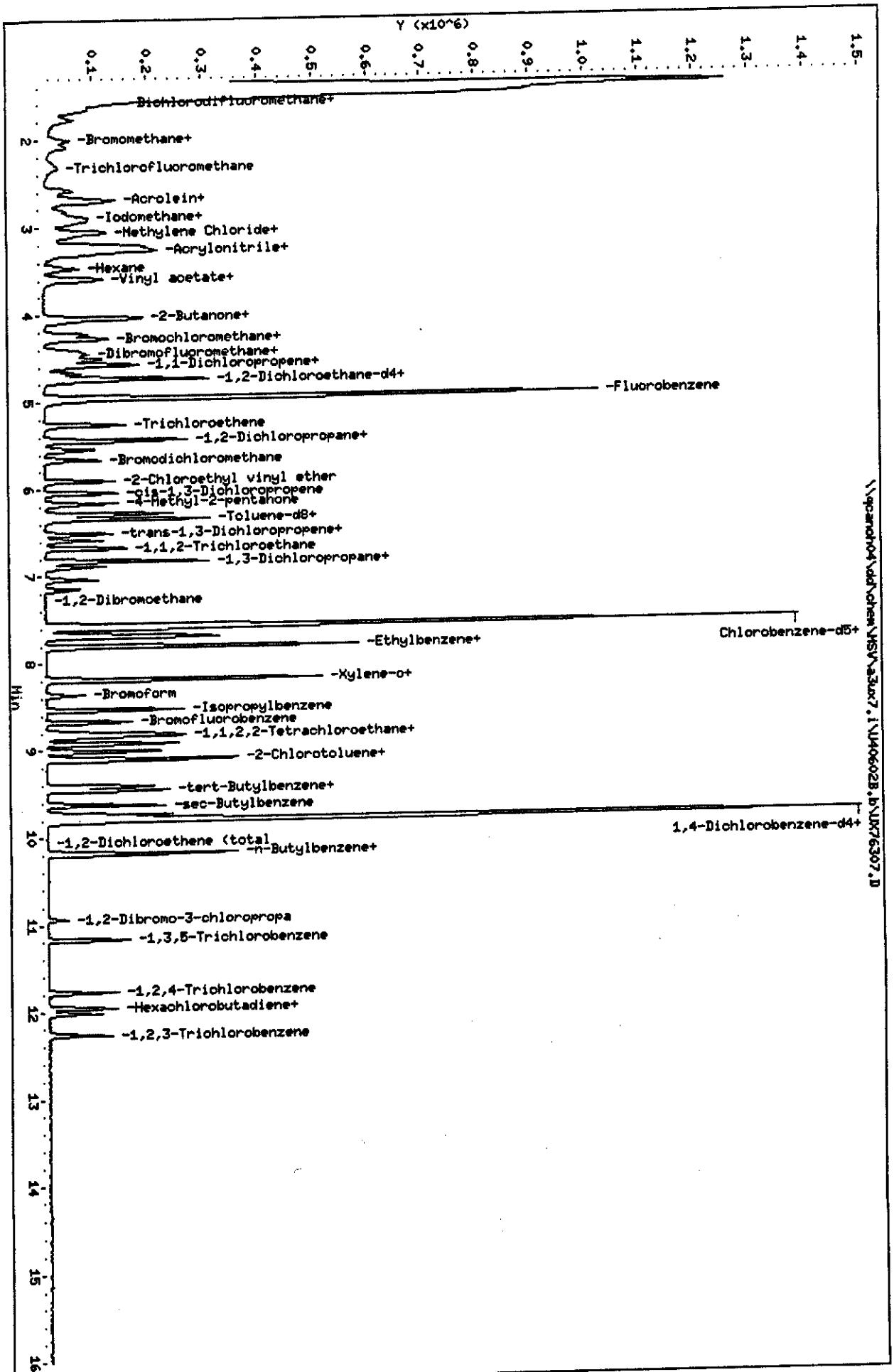
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.822	2.822	(0.570)	46454	5.00000	5.331
	20 Carbon Disulfide	76	2.893	2.893	(0.584)	106258	5.00000	5.254
	21 Methylene Chloride	84	3.046	3.046	(0.615)	68297	5.00000	5.140
	22 Acetonitrile	41	2.916	2.916	(0.589)	52037	50.0000	57.079
	23 Acrylonitrile	53	3.212	3.212	(0.649)	141402	50.0000	51.408
	24 Methyl tert-butyl ether	73	3.271	3.271	(0.661)	91549	5.00000	4.863
	25 trans-1,2-Dichloroethene	96	3.259	3.259	(0.658)	32303	5.00000	5.079
	26 Hexane	86	3.461	3.461	(0.699)	3399	5.00000	5.848
	27 Vinyl acetate	43	3.591	3.591	(0.725)	58143	5.00000	4.479
	28 1,1-Dichloroethane	63	3.579	3.579	(0.723)	60001	5.00000	5.226
	29 tert-Butyl Alcohol	59	3.106	3.106	(0.627)	37806	100.000	92.376
	30 2-Butanone	43	4.029	4.029	(0.814)	42284	10.0000	10.253
M	31 1,2-Dichloroethene (total)	96				64631	10.0000	10.074
	32 cis-1,2-dichloroethene	96	4.040	4.040	(0.816)	32328	5.00000	4.995
	33 2,2-Dichloropropane	77	4.052	4.052	(0.818)	37541	5.00000	5.175
	34 Bromochloromethane	128	4.218	4.218	(0.852)	17918	5.00000	5.595
	35 Chloroform	83	4.277	4.277	(0.864)	57853	5.00000	5.370
	36 Tetrahydrofuran	42	4.265	4.265	(0.861)	7969	5.00000	4.638
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	45061	5.00000	5.112
	38 1,1-Dichloropropene	75	4.561	4.561	(0.921)	38069	5.00000	4.826
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	35931	5.00000	4.970
	40 1,2-Dichloroethane	62	4.739	4.739	(0.957)	44655	5.00000	5.174
	41 Benzene	78	4.739	4.739	(0.957)	139617	5.00000	5.219
	42 Trichloroethene	130	5.259	5.259	(1.062)	32658	5.00000	5.173
	43 1,2-Dichloropropane	63	5.425	5.425	(1.096)	35931	5.00000	5.420
	44 1,4-Dioxane	88	5.543	5.543	(1.119)	11318	250.000	212.78(A)
	45 Dibromomethane	93	5.531	5.531	(1.117)	19382	5.00000	5.386
	46 Bromodichloromethane	83	5.650	5.650	(1.141)	42156	5.00000	5.144
	47 2-Chloroethyl vinyl ether	63	5.898	5.898	(1.191)	30961	10.0000	8.316
	48 cis-1,3-Dichloropropene	75	6.040	6.040	(1.220)	45741	5.00000	4.752
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	56161	10.0000	9.069
	50 Toluene	91	6.336	6.336	(0.837)	120949	5.00000	4.672
	51 trans-1,3-Dichloropropene	75	6.513	6.513	(0.861)	38457	5.00000	4.616
	52 Ethyl Methacrylate	69	6.584	6.584	(0.870)	30080	5.00000	3.993
	53 1,1,2-Trichloroethane	97	6.667	6.667	(0.881)	29691	5.00000	5.298
	54 1,3-Dichloropropane	76	6.821	6.821	(0.901)	50716	5.00000	5.058
	55 Tetrachloroethene	164	6.833	6.833	(0.903)	23494	5.00000	5.241
	56 2-Hexanone	43	6.892	6.892	(0.911)	44841	10.0000	8.658
	57 Dibromochloromethane	129	7.034	7.034	(0.930)	28659	5.00000	4.958
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	27428	5.00000	5.120
	59 Chlorobenzene	112	7.602	7.602	(1.005)	83510	5.00000	5.156
	60 1,1,1,2-Tetrachloroethane	131	7.673	7.673	(1.014)	27857	5.00000	4.809
	61 Ethylbenzene	106	7.697	7.697	(1.017)	36116	5.00000	4.540
	62 m + p-Xylene	106	7.803	7.803	(1.031)	88308	10.0000	8.866
M	63 Xylenes (total)	106				127639	15.0000	13.002
	64 Xylene-o	106	8.182	8.182	(1.081)	39331	5.00000	4.136
	65 Styrene	104	8.182	8.182	(1.081)	67318	5.00000	3.936

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76306.D
Report Date: 02-Jun-2004 15:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.359	8.359	(1.105)	17879	5.00000	4.638
67 Isopropylbenzene	105	8.525	8.525	(1.127)	81431	5.00000	4.152
68 1,1,2,2-Tetrachloroethane	83	8.797	8.797	(0.898)	38537	5.00000	5.384
69 1,4-Dichloro-2-butene	53	8.845	8.845	(0.903)	7932	5.00000	4.199
70 1,2,3-Trichloropropane	110	8.833	8.833	(0.902)	11493	5.00000	5.004
71 Bromobenzene	156	8.821	8.821	(0.901)	31984	5.00000	4.994
72 n-Propylbenzene	120	8.916	8.916	(0.911)	21012	5.00000	4.056
73 2-Chlorotoluene	126	9.010	9.010	(0.920)	22543	5.00000	4.360
74 1,3,5-Trimethylbenzene	105	9.093	9.093	(0.929)	66333	5.00000	4.079
75 4-Chlorotoluene	126	9.105	9.105	(0.930)	24661	5.00000	4.518
76 tert-Butylbenzene	119	9.413	9.413	(0.961)	51138	5.00000	4.063
77 1,2,4-Trimethylbenzene	105	9.448	9.448	(0.965)	67874	5.00000	3.985
78 sec-Butylbenzene	105	9.626	9.626	(0.983)	76265	5.00000	4.174
79 4-Isopropyltoluene	119	9.768	9.768	(0.998)	60179	5.00000	4.007
80 1,3-Dichlorobenzene	146	9.732	9.732	(0.994)	53379	5.00000	4.956
81 1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	58168	5.00000	5.084
82 n-Butylbenzene	91	10.170	10.170	(1.039)	55473	5.00000	4.230
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	54420	5.00000	5.013
84 1,2-Dibromo-3-chloropropane	157	10.939	10.939	(1.117)	6578	5.00000	4.828
85 1,2,4-Trichlorobenzene	180	11.779	11.779	(1.203)	22560	5.00000	4.178
86 Hexachlorobutadiene	225	11.957	11.957	(1.221)	15176	5.00000	5.318
87 Naphthalene	128	12.016	12.016	(1.227)	46042	5.00000	7.545
88 1,2,3-Trichlorobenzene	180	12.264	12.264	(1.253)	21368	5.00000	4.154
98 Cyclohexane	56	4.514	4.514	(0.912)	40245	5.00000	4.676(a)
143 Methyl Acetate	43	2.940	2.940	(0.594)	51419	10.0000	10.412
144 Methylcyclohexane	83	5.437	5.437	(1.098)	29104	5.00000	4.460(a)
141 1,3,5-Trichlorobenzene	180	11.164	11.164	(1.140)	30002	5.00000	4.799

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.



Data File: \\qcanon04\dd\chem\HSV\a3ux7.i\U406028.b\UX76307.D
Date : 02-JUN-2004 12:38
Client ID:
Sample Info: 10NG826OCAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76307.D
Report Date: 02-Jun-2004 15:14

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76307.D
Lab Smp Id: 10NG8260CAL
Inj Date : 02-JUN-2004 12:38 Inst ID: a3ux7.i
Operator : 1754
Smp Info : 10NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:13 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	4.951	4.951	(1.000)	1131984	50.0000	
*	2 Chlorobenzene-d5	117	7.566	7.566	(1.000)	913524	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.791	9.791	(1.000)	454183	50.0000	
$	4 Dibromofluoromethane	113	4.395	4.395	(0.888)	49645	10.0000	9.719
$	5 1,2-Dichloroethane-d4	65	4.667	4.667	(0.943)	69297	10.0000	9.852
$	6 Toluene-d8	98	6.276	6.276	(0.830)	186656	10.0000	9.181
$	7 Bromofluorobenzene	95	8.667	8.667	(1.145)	62500	10.0000	8.827
	8 Dichlorodifluoromethane	85	1.579	1.579	(0.319)	44776	10.0000	7.442
	9 Chloromethane	50	1.662	1.662	(0.336)	109289	10.0000	10.183
	10 Vinyl Chloride	62	1.768	1.768	(0.357)	90131	10.0000	9.571
	11 Bromomethane	94	2.005	2.005	(0.405)	54412	10.0000	9.975
	12 Chloroethane	64	2.088	2.088	(0.422)	57238	10.0000	10.151
	13 Trichlorofluoromethane	101	2.324	2.324	(0.470)	68984	10.0000	8.067
	15 Acrolein	56	2.573	2.573	(0.520)	126382	100.000	99.903
	16 Acetone	43	2.679	2.679	(0.541)	80726	20.0000	19.467
	17 1,1-Dichloroethene	96	2.691	2.691	(0.544)	53816	10.0000	10.097
	18 Freon-113	151	2.715	2.715	(0.548)	39484	10.0000	10.268

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76307.D
Report Date: 02-Jun-2004 15:14

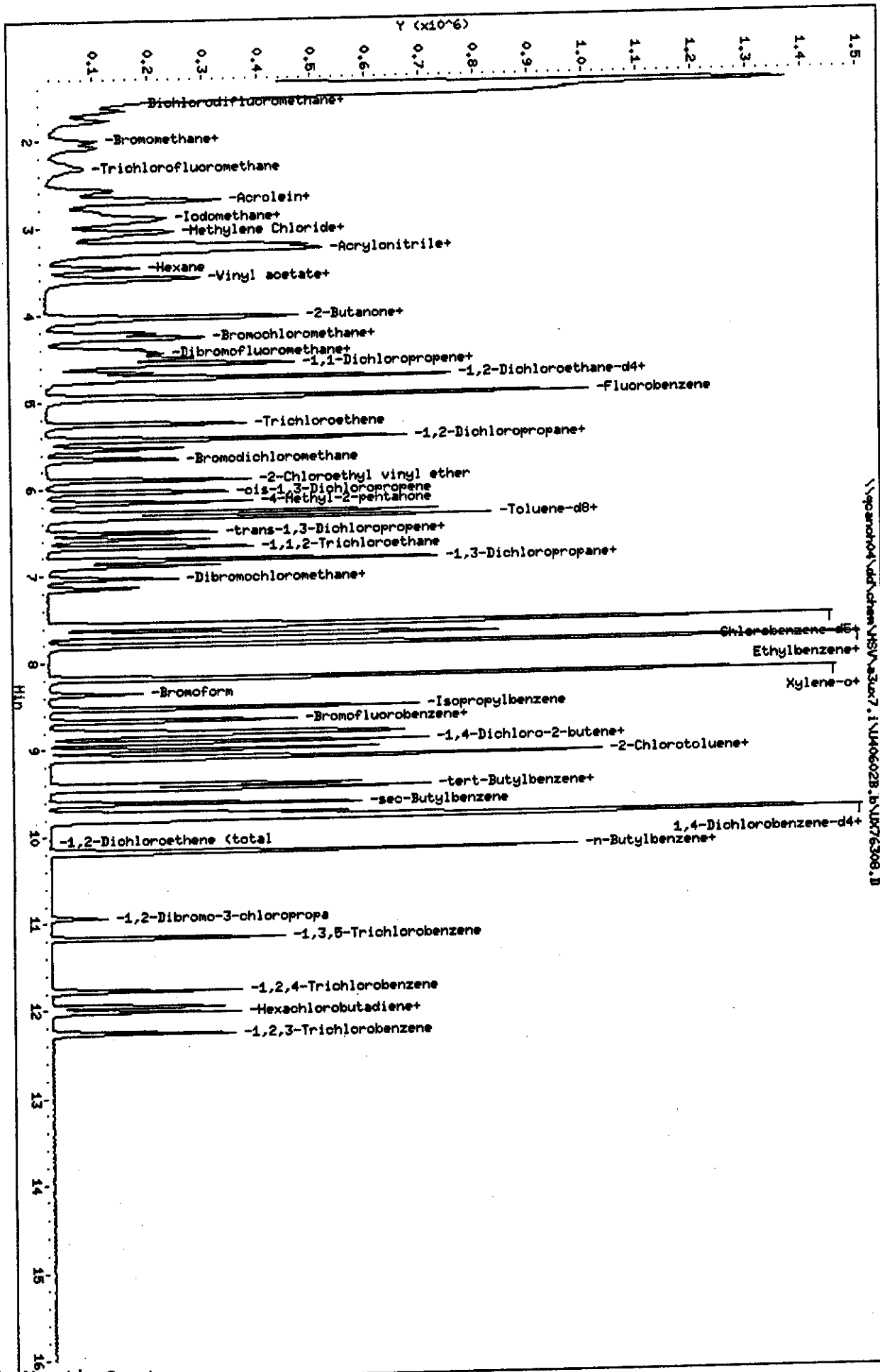
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.821	2.821	(0.570)	89525	10.0000	10.267
	20 Carbon Disulfide	76	2.880	2.880	(0.582)	203061	10.0000	10.034
	21 Methylene Chloride	84	3.058	3.058	(0.618)	101077	10.0000	10.129
	22 Acetonitrile	41	2.904	2.904	(0.587)	90925	100.000	99.660
	23 Acrylonitrile	53	3.212	3.212	(0.649)	272667	100.000	99.054
	24 Methyl tert-butyl ether	73	3.271	3.271	(0.661)	185550	10.0000	9.848
	25 trans-1,2-Dichloroethene	96	3.259	3.259	(0.658)	67601	10.0000	10.621
	26 Hexane	86	3.472	3.472	(0.701)	8255	10.0000	10.240
	27 Vinyl acetate	43	3.590	3.590	(0.725)	118916	10.0000	9.154
	28 1,1-Dichloroethane	63	3.579	3.579	(0.723)	118601	10.0000	10.321
	29 tert-Butyl Alcohol	59	3.105	3.105	(0.627)	73425	200.000	179.27
	30 2-Butanone	43	4.016	4.016	(0.811)	82199	20.0000	19.916
M	31 1,2-Dichloroethene (total)	96				132683	20.0000	20.669
	32 cis-1,2-dichloroethene	96	4.028	4.028	(0.814)	65082	10.0000	10.048
	33 2,2-Dichloropropane	77	4.052	4.052	(0.818)	70696	10.0000	9.737
	34 Bromochloromethane	128	4.218	4.218	(0.852)	33031	10.0000	10.307
	35 Chloroform	83	4.277	4.277	(0.864)	110384	10.0000	10.238
	36 Tetrahydrofuran	42	4.265	4.265	(0.861)	15879	10.0000	9.235
	37 1,1,1-Trichloroethane	97	4.442	4.442	(0.897)	89871	10.0000	10.188
	38 1,1-Dichloropropene	75	4.573	4.573	(0.924)	75784	10.0000	9.599
	39 Carbon Tetrachloride	117	4.584	4.584	(0.926)	69935	10.0000	9.666
	40 1,2-Dichloroethane	62	4.726	4.726	(0.955)	89598	10.0000	10.374
	41 Benzene	78	4.738	4.738	(0.957)	267024	10.0000	9.973
	42 Trichloroethene	130	5.259	5.259	(1.062)	64799	10.0000	10.256
	43 1,2-Dichloropropane	63	5.436	5.436	(1.098)	67394	10.0000	10.158
	44 1,4-Dioxane	88	5.543	5.543	(1.119)	24668	500.000	463.40(A)
	45 Dibromomethane	93	5.531	5.531	(1.117)	37953	10.0000	10.539
	46 Bromodichloromethane	83	5.661	5.661	(1.143)	83465	10.0000	10.178
	47 2-Chloroethyl vinyl ether	63	5.898	5.898	(1.191)	63895	20.0000	17.148
	48 cis-1,3-Dichloropropene	75	6.040	6.040	(1.220)	94857	10.0000	9.848
	49 4-Methyl-2-pentanone	43	6.158	6.158	(1.244)	108048	20.0000	17.434
	50 Toluene	91	6.336	6.336	(0.837)	253903	10.0000	9.768
	51 trans-1,3-Dichloropropene	75	6.513	6.513	(0.861)	82240	10.0000	9.832
	52 Ethyl Methacrylate	69	6.584	6.584	(0.870)	66260	10.0000	8.760
	53 1,1,2-Trichloroethane	97	6.679	6.679	(0.883)	58445	10.0000	10.387
	54 1,3-Dichloropropane	76	6.833	6.833	(0.903)	101587	10.0000	10.092
	55 Tetrachloroethene	164	6.833	6.833	(0.903)	45586	10.0000	10.129
	56 2-Hexanone	43	6.892	6.892	(0.911)	87926	20.0000	16.909
	57 Dibromochloromethane	129	7.034	7.034	(0.930)	59371	10.0000	10.230
	58 1,2-Dibromoethane	107	7.140	7.140	(0.944)	52999	10.0000	9.854
	59 Chlorobenzene	112	7.602	7.602	(1.005)	166483	10.0000	10.238
	60 1,1,1,2-Tetrachloroethane	131	7.673	7.673	(1.014)	60325	10.0000	10.374
	61 Ethylbenzene	106	7.696	7.696	(1.017)	76565	10.0000	9.586
	62 m + p-Xylene	106	7.803	7.803	(1.031)	185059	20.0000	18.506
M	63 Xylenes (total)	106				276199	30.0000	28.053
	64 Xylene-o	106	8.182	8.182	(1.081)	91140	10.0000	9.547
	65 Styrene	104	8.182	8.182	(1.081)	159095	10.0000	9.267

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76307.D
Report Date: 02-Jun-2004 15:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.359	8.359	(1.105)	39331	10.0000	10.163
67 Isopropylbenzene	105	8.525	8.525	(1.127)	175272	10.0000	8.900
68 1,1,2,2-Tetrachloroethane	83	8.785	8.785	(0.897)	74447	10.0000	10.193
69 1,4-Dichloro-2-butene	53	8.844	8.844	(0.903)	19500	10.0000	10.118
70 1,2,3-Trichloropropane	110	8.832	8.832	(0.902)	24510	10.0000	10.459
71 Bromobenzene	156	8.821	8.821	(0.901)	67969	10.0000	10.402
72 n-Propylbenzene	120	8.915	8.915	(0.911)	48464	10.0000	9.169
73 2-Chlorotoluene	126	9.010	9.010	(0.920)	53340	10.0000	10.111
74 1,3,5-Trimethylbenzene	105	9.093	9.093	(0.929)	148421	10.0000	8.945
75 4-Chlorotoluene	126	9.105	9.105	(0.930)	54300	10.0000	9.750
76 tert-Butylbenzene	119	9.412	9.412	(0.961)	113358	10.0000	8.828
77 1,2,4-Trimethylbenzene	105	9.448	9.448	(0.965)	156372	10.0000	8.999
78 sec-Butylbenzene	105	9.625	9.625	(0.983)	167709	10.0000	8.997
79 4-Isopropyltoluene	119	9.767	9.767	(0.998)	134221	10.0000	8.760
80 1,3-Dichlorobenzene	146	9.732	9.732	(0.994)	114750	10.0000	10.443
81 1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	123713	10.0000	10.598
82 n-Butylbenzene	91	10.169	10.169	(1.039)	119211	10.0000	8.910
83 1,2-Dichlorobenzene	146	10.181	10.181	(1.040)	110362	10.0000	9.964
84 1,2-Dibromo-3-chloropropane	157	10.939	10.939	(1.117)	13803	10.0000	9.930
85 1,2,4-Trichlorobenzene	180	11.779	11.779	(1.203)	51378	10.0000	9.325
86 Hexachlorobutadiene	225	11.956	11.956	(1.221)	28382	10.0000	9.749
87 Naphthalene	128	12.015	12.015	(1.227)	98335	10.0000	10.571
88 1,2,3-Trichlorobenzene	180	12.264	12.264	(1.253)	45433	10.0000	8.656
98 Cyclohexane	56	4.502	4.502	(0.909)	75649	10.0000	8.783
143 Methyl Acetate	43	2.940	2.940	(0.594)	102034	20.0000	20.645
144 Methylcyclohexane	83	5.436	5.436	(1.098)	55821	10.0000	8.547
141 1,3,5-Trichlorobenzene	180	11.163	11.163	(1.140)	62859	10.0000	9.854

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406028.b\UX76308.D
Date : 02-JUN-2004 13:01
Client ID:
Sample Info: 25NG826OCAL
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18
Y (x10^6)
Min
\\qcanoh04\dd\chem\HSV\a3ux7.i\U406028.b\UX76308.D
Dichlorodifluoromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8+
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-Dibromochloromethane+
Chlorobenzene-d5+
Ethylbenzene+
Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene+
-1,4-Dichloro-2-butene+
-2-Chlorotoluene+
-tert-Butylbenzene+
-sec-Butylbenzene
1,4-Dichlorobenzene-d4+
-1,2-Dichloroethene (total
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene+
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76308.D
Report Date: 02-Jun-2004 15:14

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76308.D
Lab Smp Id: 25NG8260CAL
Inj Date : 02-JUN-2004 13:01 Inst ID: a3ux7.i
Operator : 1754
Smp Info : 25NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:14 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.953	4.953	(1.000)	1142589	50.0000	
* 2 Chlorobenzene-d5	117	7.568	7.568	(1.000)	908155	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	472715	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	134847	25.0000	26.153
$ 5 1,2-Dichloroethane-d4	65	4.669	4.669	(0.943)	188623	25.0000	26.567
$ 6 Toluene-d8	98	6.278	6.278	(0.830)	535057	25.0000	26.472
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	184837	25.0000	26.259
8 Dichlorodifluoromethane	85	1.580	1.580	(0.319)	139942	25.0000	23.044
9 Chloromethane	50	1.651	1.651	(0.333)	257698	25.0000	23.789
10 Vinyl Chloride	62	1.769	1.769	(0.357)	220907	25.0000	23.241
11 Bromomethane	94	2.006	2.006	(0.405)	124888	25.0000	23.426
12 Chloroethane	64	2.089	2.089	(0.422)	141225	25.0000	24.814
13 Trichlorofluoromethane	101	2.314	2.314	(0.467)	204464	25.0000	23.688
15 Acrolein	56	2.562	2.562	(0.517)	318669	250.000	249.56
16 Acetone	43	2.681	2.681	(0.541)	183664	50.0000	50.313
17 1,1-Dichloroethene	96	2.692	2.692	(0.544)	134353	25.0000	24.973
18 Freon-113	151	2.704	2.704	(0.546)	93138	25.0000	23.996

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76308.D
Report Date: 02-Jun-2004 15:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.823	2.823	(0.570)	220653	25.0000	25.070
	20 Carbon Disulfide	76	2.882	2.882	(0.582)	514700	25.0000	25.197
	21 Methylene Chloride	84	3.047	3.047	(0.615)	199121	25.0000	24.828
	22 Acetonitrile	41	2.905	2.905	(0.587)	226153	250.000	245.58
	23 Acrylonitrile	53	3.201	3.201	(0.646)	692049	250.000	249.07
	24 Methyl tert-butyl ether	73	3.272	3.272	(0.661)	471285	25.0000	24.781
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	162733	25.0000	25.331
	26 Hexane	86	3.473	3.473	(0.701)	25224	25.0000	25.388
	27 Vinyl acetate	43	3.592	3.592	(0.725)	306231	25.0000	23.355
	28 1,1-Dichloroethane	63	3.580	3.580	(0.723)	292489	25.0000	25.218
	29 tert-Butyl Alcohol	59	3.107	3.107	(0.627)	204185	500.000	493.90
	30 2-Butanone	43	4.018	4.018	(0.811)	201382	50.0000	48.340
M	31 1,2-Dichloroethene (total)	96				327779	50.0000	50.576
	32 cis-1,2-dichloroethene	96	4.030	4.030	(0.814)	165046	25.0000	25.245
	33 2,2-Dichloropropane	77	4.053	4.053	(0.818)	180557	25.0000	24.639
	34 Bromochloromethane	128	4.219	4.219	(0.852)	80069	25.0000	24.753
	35 Chloroform	83	4.278	4.278	(0.864)	272320	25.0000	25.023
	36 Tetrahydrofuran	42	4.266	4.266	(0.861)	44557	25.0000	25.672
	37 1,1,1-Trichloroethane	97	4.456	4.456	(0.900)	223635	25.0000	25.117
	38 1,1-Dichloropropene	75	4.562	4.562	(0.921)	196261	25.0000	24.629
	39 Carbon Tetrachloride	117	4.586	4.586	(0.926)	184756	25.0000	25.299
	40 1,2-Dichloroethane	62	4.728	4.728	(0.955)	225623	25.0000	25.881
	41 Benzene	78	4.740	4.740	(0.957)	680184	25.0000	25.169
	42 Trichloroethene	130	5.260	5.260	(1.062)	159588	25.0000	25.024
	43 1,2-Dichloropropane	63	5.438	5.438	(1.098)	162837	25.0000	24.315
	44 1,4-Dioxane	88	5.544	5.544	(1.119)	65317	1250.00	1215.6(A)
	45 Dibromomethane	93	5.532	5.532	(1.117)	89574	25.0000	24.642
	46 Bromodichloromethane	83	5.662	5.662	(1.143)	208519	25.0000	25.190
	47 2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	182364	50.0000	48.489
	48 cis-1,3-Dichloropropene	75	6.041	6.041	(1.220)	239664	25.0000	24.650
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	301617	50.0000	48.216
	50 Toluene	91	6.337	6.337	(0.837)	667486	25.0000	25.832
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	207078	25.0000	24.904
	52 Ethyl Methacrylate	69	6.585	6.585	(0.870)	184633	25.0000	24.555
	53 1,1,2-Trichloroethane	97	6.680	6.680	(0.883)	142704	25.0000	25.513
	54 1,3-Dichloropropane	76	6.822	6.822	(0.901)	255259	25.0000	25.510
	55 Tetrachloroethene	164	6.834	6.834	(0.903)	111991	25.0000	25.031
	56 2-Hexanone	43	6.893	6.893	(0.911)	258576	50.0000	50.021
	57 Dibromochloromethane	129	7.035	7.035	(0.930)	146876	25.0000	25.457
	58 1,2-Dibromoethane	107	7.142	7.142	(0.944)	134852	25.0000	25.220
	59 Chlorobenzene	112	7.603	7.603	(1.005)	405712	25.0000	25.097
	60 1,1,1,2-Tetrachloroethane	131	7.674	7.674	(1.014)	150362	25.0000	26.010
	61 Ethylbenzene	106	7.698	7.698	(1.017)	200299	25.0000	25.226
	62 m + p-Xylene	106	7.804	7.804	(1.031)	514402	50.0000	51.744
M	63 Xylenes (total)	106				755927	75.0000	77.194
	64 Xylene-o	106	8.183	8.183	(1.081)	241525	25.0000	25.450
	65 Styrene	104	8.183	8.183	(1.081)	437607	25.0000	25.639

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76308.D
Report Date: 02-Jun-2004 15:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Bromoform	173	8.360	8.360	(1.105)	99276	25.0000	25.805
67	Isopropylbenzene	105	8.526	8.526	(1.127)	486575	25.0000	24.855
68	1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	187201	25.0000	24.627
69	1,4-Dichloro-2-butene	53	8.846	8.846	(0.903)	47807	25.0000	23.833
70	1,2,3-Trichloropropane	110	8.834	8.834	(0.902)	63006	25.0000	25.832
71	Bromobenzene	156	8.822	8.822	(0.901)	164493	25.0000	24.188
72	n-Propylbenzene	120	8.917	8.917	(0.911)	136229	25.0000	24.762
73	2-Chlorotoluene	126	9.011	9.011	(0.920)	138700	25.0000	25.262
74	1,3,5-Trimethylbenzene	105	9.094	9.094	(0.929)	431249	25.0000	24.971
75	4-Chlorotoluene	126	9.106	9.106	(0.930)	149207	25.0000	25.742
76	tert-Butylbenzene	119	9.413	9.413	(0.961)	324924	25.0000	24.312
77	1,2,4-Trimethylbenzene	105	9.449	9.449	(0.965)	457317	25.0000	25.287
78	sec-Butylbenzene	105	9.626	9.626	(0.983)	470568	25.0000	24.254
79	4-Isopropyltoluene	119	9.768	9.768	(0.998)	394408	25.0000	24.731
80	1,3-Dichlorobenzene	146	9.733	9.733	(0.994)	282741	25.0000	24.723
81	1,4-Dichlorobenzene	146	9.816	9.816	(1.002)	297570	25.0000	24.492
82	n-Butylbenzene	91	10.171	10.171	(1.039)	333157	25.0000	23.926
83	1,2-Dichlorobenzene	146	10.183	10.183	(1.040)	293262	25.0000	25.440
84	1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	35946	25.0000	24.848
85	1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	135093	25.0000	23.558
86	Hexachlorobutadiene	225	11.958	11.958	(1.221)	71823	25.0000	23.704
87	Naphthalene	128	12.017	12.017	(1.227)	318161	25.0000	22.659
88	1,2,3-Trichlorobenzene	180	12.265	12.265	(1.253)	136129	25.0000	24.920
98	Cyclohexane	56	4.515	4.515	(0.912)	203655	25.0000	23.426
143	Methyl Acetate	43	2.941	2.941	(0.594)	250576	50.0000	50.230
144	Methylcyclohexane	83	5.438	5.438	(1.098)	156227	25.0000	23.700
141	1,3,5-Trichlorobenzene	180	11.165	11.165	(1.140)	153755	25.0000	23.159

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\JJ406028.b\LX76309.D
Date : 02-JUN-2004 13:25
Client ID:
Sample Info: 50NC826004L
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18
Y (x10^6)
Min
Dichlorodifluoromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
-1,1-Dichloropropene+
-Fluorobenzene
1,2-Dichloroethane-d4+
-Trichloroethene
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
\\qcanoh04\dd\chem\HSV\a3ux7.i\JJ406028.b\LX76309.D
Toluene-d8+
-trans-1,3-Dichloropropene+
-1,1,2-Trichloroethane
1,3-Dichloropropane+
-Dibromochloromethane+
Chlorobenzene-d5+
Ethylbenzene+
Xylene-o+
-Bromoform
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
2-Chlorotoluene+
sec-Butylbenzene+
tert-Butylbenzene
1,4-Dichlorobenzene-d4+
-1,2-Dichloroethene (total
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene+
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76309.D
Report Date: 02-Jun-2004 15:14

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76309.D
Lab Smp Id: 50NG8260CAL
Inj Date : 02-JUN-2004 13:25 Inst ID: a3ux7.i
Operator : 1754
Smp Info : 50NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:14 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.952	4.952	(1.000)	1148721	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	917309	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.791	9.791	(1.000)	469715	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	263676	50.0000	50.866
$ 5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	356877	50.0000	49.996
$ 6 Toluene-d8	98	6.277	6.277	(0.830)	1089637	50.0000	53.373
$ 7 Bromofluorobenzene	95	8.667	8.667	(1.145)	369768	50.0000	52.007
8 Dichlorodifluoromethane	85	1.591	1.591	(0.321)	319770	50.0000	52.376
9 Chloromethane	50	1.662	1.662	(0.336)	524022	50.0000	48.117
10 Vinyl Chloride	62	1.781	1.781	(0.360)	471887	50.0000	49.381
11 Bromomethane	94	2.017	2.017	(0.407)	252765	50.0000	50.243
12 Chloroethane	64	2.088	2.088	(0.422)	280729	50.0000	49.062
13 Trichlorofluoromethane	101	2.313	2.313	(0.467)	459254	50.0000	52.921
15 Acrolein	56	2.573	2.573	(0.520)	623767	500.000	485.89
16 Acetone	43	2.692	2.692	(0.544)	348927	100.000	99.878
17 1,1-Dichloroethene	96	2.692	2.692	(0.544)	264986	50.0000	48.992
18 Freon-113	151	2.704	2.704	(0.546)	189047	50.0000	48.446

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76309.D
Report Date: 02-Jun-2004 15:14

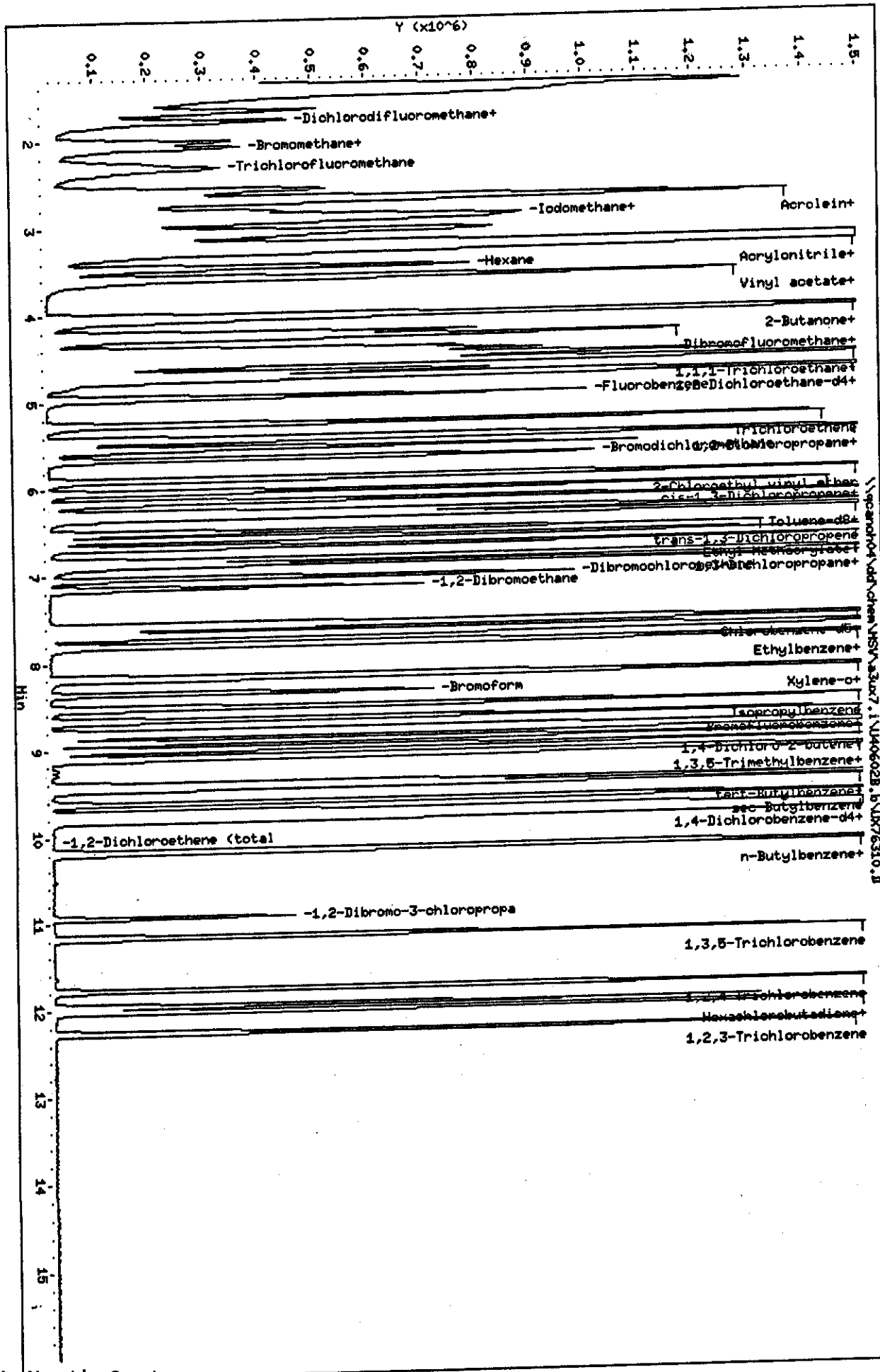
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.822	2.822	(0.570)	420846	50.0000	47.560
	20 Carbon Disulfide	76	2.893	2.893	(0.584)	986093	50.0000	48.016
	21 Methylene Chloride	84	3.047	3.047	(0.615)	364306	50.0000	49.661
	22 Acetonitrile	41	2.905	2.905	(0.587)	446713	500.000	482.49
	23 Acrylonitrile	53	3.201	3.201	(0.646)	1369924	500.000	490.42
	24 Methyl tert-butyl ether	73	3.283	3.283	(0.663)	938297	50.0000	49.074
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	309396	50.0000	47.903
	26 Hexane	86	3.473	3.473	(0.701)	49582	50.0000	46.999
	27 Vinyl acetate	43	3.591	3.591	(0.725)	671920	50.0000	50.971
	28 1,1-Dichloroethane	63	3.579	3.579	(0.723)	560670	50.0000	48.081
	29 tert-Butyl Alcohol	59	3.106	3.106	(0.627)	409689	1000.00	985.70
	30 2-Butanone	43	4.017	4.017	(0.811)	408338	100.000	97.495
M	31 1,2-Dichloroethene (total)	96				628770	100.000	96.493
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	319374	50.0000	48.590
	33 2,2-Dichloropropane	77	4.053	4.053	(0.818)	355541	50.0000	48.258
	34 Bromochloromethane	128	4.218	4.218	(0.852)	153597	50.0000	47.231
	35 Chloroform	83	4.277	4.277	(0.864)	528629	50.0000	48.315
	36 Tetrahydrofuran	42	4.254	4.254	(0.859)	84945	50.0000	48.681
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	427900	50.0000	47.802
	38 1,1-Dichloropropene	75	4.561	4.561	(0.921)	400428	50.0000	49.983
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	358209	50.0000	48.788
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	420774	50.0000	48.009
	41 Benzene	78	4.739	4.739	(0.957)	1308182	50.0000	48.148
	42 Trichloroethene	130	5.259	5.259	(1.062)	307572	50.0000	47.970
	43 1,2-Dichloropropane	63	5.437	5.437	(1.098)	321385	50.0000	47.734
	44 1,4-Dioxane	88	5.543	5.543	(1.119)	137504	2500.00	2545.4 (A)
	45 Dibromomethane	93	5.532	5.532	(1.117)	174102	50.0000	47.640
	46 Bromodichloromethane	83	5.662	5.662	(1.143)	403479	50.0000	48.483
	47 2-Chloroethyl vinyl ether	63	5.898	5.898	(1.191)	389236	100.000	102.94
	48 cis-1,3-Dichloropropene	75	6.040	6.040	(1.220)	481310	50.0000	49.239
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	650910	100.000	103.50
	50 Toluene	91	6.336	6.336	(0.837)	1312006	50.0000	50.268
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	416470	50.0000	49.587
	52 Ethyl Methacrylate	69	6.585	6.585	(0.870)	391628	50.0000	51.564
	53 1,1,2-Trichloroethane	97	6.679	6.679	(0.883)	273484	50.0000	48.406
	54 1,3-Dichloropropane	76	6.821	6.821	(0.901)	493142	50.0000	48.791
	55 Tetrachloroethene	164	6.833	6.833	(0.903)	220803	50.0000	48.858
	56 2-Hexanone	43	6.892	6.892	(0.911)	553262	100.000	105.96
	57 Dibromochloromethane	129	7.034	7.034	(0.930)	284244	50.0000	48.774
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	266903	50.0000	49.418
	59 Chlorobenzene	112	7.602	7.602	(1.005)	790475	50.0000	48.409
	60 1,1,1,2-Tetrachloroethane	131	7.673	7.673	(1.014)	285436	50.0000	48.882
	61 Ethylbenzene	106	7.697	7.697	(1.017)	405436	50.0000	50.552
	62 m + p-Xylene	106	7.804	7.804	(1.031)	1030539	100.000	102.63
M	63 Xylenes (total)	106				1531398	150.000	154.88
	64 Xylene-o	106	8.182	8.182	(1.081)	500859	50.0000	52.250
	65 Styrene	104	8.182	8.182	(1.081)	909798	50.0000	52.773

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76309.D
Report Date: 02-Jun-2004 15:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Bromoform	173	8.360	8.360	(1.105)	192043	50.0000	49.421
67	Isopropylbenzene	105	8.525	8.525	(1.127)	1015730	50.0000	51.367
68	1,1,2,2-Tetrachloroethane	83	8.797	8.797	(0.898)	370452	50.0000	49.046
69	1,4-Dichloro-2-butene	53	8.845	8.845	(0.903)	98210	50.0000	49.273
70	1,2,3-Trichloropropane	110	8.833	8.833	(0.902)	118518	50.0000	48.903
71	Bromobenzene	156	8.821	8.821	(0.901)	332094	50.0000	49.144
72	n-Propylbenzene	120	8.916	8.916	(0.911)	285232	50.0000	52.177
73	2-Chlorotoluene	126	9.010	9.010	(0.920)	276353	50.0000	50.655
74	1,3,5-Trimethylbenzene	105	9.093	9.093	(0.929)	903804	50.0000	52.668
75	4-Chlorotoluene	126	9.105	9.105	(0.930)	294979	50.0000	51.216
76	tert-Butylbenzene	119	9.413	9.413	(0.961)	679580	50.0000	51.173
77	1,2,4-Trimethylbenzene	105	9.448	9.448	(0.965)	951740	50.0000	52.963
78	sec-Butylbenzene	105	9.626	9.626	(0.983)	988469	50.0000	51.273
79	4-Isopropyltoluene	119	9.768	9.768	(0.998)	830801	50.0000	52.427
80	1,3-Dichlorobenzene	146	9.732	9.732	(0.994)	559110	50.0000	49.201
81	1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	591658	50.0000	49.009
82	n-Butylbenzene	91	10.170	10.170	(1.039)	705164	50.0000	50.965
83	1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	567919	50.0000	49.581
84	1,2-Dibromo-3-chloropropane	157	10.939	10.939	(1.117)	67944	50.0000	47.266
85	1,2,4-Trichlorobenzene	180	11.779	11.779	(1.203)	292189	50.0000	51.280
86	Hexachlorobutadiene	225	11.957	11.957	(1.221)	145391	50.0000	48.290
87	Naphthalene	128	12.016	12.016	(1.227)	768122	50.0000	47.467
88	1,2,3-Trichlorobenzene	180	12.264	12.264	(1.253)	280910	50.0000	51.753
98	Cyclohexane	56	4.514	4.514	(0.912)	436784	50.0000	49.975
143	Methyl Acetate	43	2.940	2.940	(0.594)	476905	100.000	95.089
144	Methylcyclohexane	83	5.437	5.437	(1.098)	330749	50.0000	49.907
141	1,3,5-Trichlorobenzene	180	11.164	11.164	(1.140)	330553	50.0000	50.108

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcandh04\dd\chem\HSV\a3ux7.i\UU406028.b\UX76310.D
Date : 02-JUN-2004 13:48
Client ID:
Sample Info: 100N882604AL
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18
\\qcandh04\dd\chem\HSV\a3ux7.i\UU406028.b\UX76310.D
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Bromomethane+
-Trichlorofluoromethane
Acrolein+
-Iodomethane+
-Hexane
Acrylonitrile+
Vinyl acetate+
2-Butanone+
Dibromofluoromethane+
1,1,1-Trichloroethane+
-Fluorobenzene
Dichloroethane-d4+
Trichloroethene
-Bromodichloromethane+
2-Chloroethyl vinyl ether
cis-1,3-Dichloropropene+
Toluene-d8+
trans-1,3-Dichloropropene
Ethyl Methacrylate+
-Dibromochloromethane+
-1,2-Dibromoethane
Chlorobenzene-d5
Ethylbenzene+
Xylene-o+
-Bromoform
Isopropylbenzene
Fluorobenzene
1,4-Dichloro-2-butene+
1,3,5-Trimethylbenzene+
tert-Butylbenzene+
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
-1,2-Dichloroethene (total
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene+
1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76310.D
Report Date: 02-Jun-2004 15:15

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76310.D
Lab Smp Id: 100NG8260CAL
Inj Date : 02-JUN-2004 13:48 Inst ID: a3ux7.i
Operator : 1754
Smp Info : 100NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:15 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	4.954	4.954	(1.000)	1164762	50.0000	
*	2 Chlorobenzene-d5	117	7.569	7.569	(1.000)	942471	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.794	9.794	(1.000)	484971	50.0000	
$	4 Dibromofluoromethane	113	4.398	4.398	(0.888)	549346	100.000	104.52
$	5 1,2-Dichloroethane-d4	65	4.670	4.670	(0.943)	739452	100.000	102.17
$	6 Toluene-d8	98	6.280	6.280	(0.830)	2287348	100.000	109.05
$	7 Bromofluorobenzene	95	8.670	8.670	(1.145)	800429	100.000	109.57
	8 Dichlorodifluoromethane	85	1.582	1.582	(0.319)	681900	100.000	110.15
	9 Chloromethane	50	1.665	1.665	(0.336)	1097846	100.000	99.418
	10 Vinyl Chloride	62	1.783	1.783	(0.360)	962588	100.000	99.343
	11 Bromomethane	94	2.020	2.020	(0.408)	465196	100.000	100.48
	12 Chloroethane	64	2.079	2.079	(0.420)	538107	100.000	92.748
	13 Trichlorofluoromethane	101	2.316	2.316	(0.467)	926777	100.000	105.32
	15 Acrolein	56	2.576	2.576	(0.520)	1294827	1000.00	994.74
	16 Acetone	43	2.682	2.682	(0.541)	687392	200.000	200.02(A)
	17 1,1-Dichloroethene	96	2.694	2.694	(0.544)	560109	100.000	102.13
	18 Freon-113	151	2.706	2.706	(0.546)	413586	100.000	104.53

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76310.D
Report Date: 02-Jun-2004 15:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.824	2.824	(0.570)	878318	100.000	97.892
	20 Carbon Disulfide	76	2.884	2.884	(0.582)	2071323	100.000	99.470
	21 Methylene Chloride	84	3.049	3.049	(0.616)	705589	100.000	100.29
	22 Acetonitrile	41	2.895	2.895	(0.584)	907189	1000.00	966.36
	23 Acrylonitrile	53	3.203	3.203	(0.647)	2843054	1000.00	1003.8
	24 Methyl tert-butyl ether	73	3.274	3.274	(0.661)	1980619	100.000	102.16
	25 trans-1,2-Dichloroethene	96	3.262	3.262	(0.659)	641982	100.000	98.027
	26 Hexane	86	3.463	3.463	(0.699)	112582	100.000	101.85
	27 Vinyl acetate	43	3.594	3.594	(0.725)	1460005	100.000	109.23
	28 1,1-Dichloroethane	63	3.582	3.582	(0.723)	1159182	100.000	98.039
	29 tert-Butyl Alcohol	59	3.108	3.108	(0.627)	914862	2000.00	2170.8(A)
	30 2-Butanone	43	4.020	4.020	(0.811)	865165	200.000	203.72(A)
M	31 1,2-Dichloroethene (total)	96				1317247	200.000	199.35
	32 cis-1,2-dichloroethene	96	4.031	4.031	(0.814)	675265	100.000	101.32
	33 2,2-Dichloropropane	77	4.043	4.043	(0.816)	758314	100.000	101.51
	34 Bromochloromethane	128	4.221	4.221	(0.852)	316731	100.000	96.053
	35 Chloroform	83	4.280	4.280	(0.864)	1076784	100.000	97.060
	36 Tetrahydrofuran	42	4.256	4.256	(0.859)	190931	100.000	107.91
	37 1,1,1-Trichloroethane	97	4.446	4.446	(0.897)	905341	100.000	99.746
	38 1,1-Dichloropropene	75	4.564	4.564	(0.921)	849272	100.000	104.55
	39 Carbon Tetrachloride	117	4.588	4.588	(0.926)	767293	100.000	103.07
	40 1,2-Dichloroethane	62	4.730	4.730	(0.955)	863704	100.000	97.188
	41 Benzene	78	4.730	4.730	(0.955)	2743730	100.000	99.594
	42 Trichloroethene	130	5.262	5.262	(1.062)	644376	100.000	99.115
	43 1,2-Dichloropropane	63	5.428	5.428	(1.096)	668852	100.000	97.974
	44 1,4-Dioxane	88	5.534	5.534	(1.117)	302063	5000.00	5514.7(A)
	45 Dibromomethane	93	5.534	5.534	(1.117)	359923	100.000	97.130
	46 Bromodichloromethane	83	5.653	5.653	(1.141)	834016	100.000	98.836
	47 2-Chloroethyl vinyl ether	63	5.901	5.901	(1.191)	869733	200.000	226.85(A)
	48 cis-1,3-Dichloropropene	75	6.031	6.031	(1.217)	1024347	100.000	103.35
	49 4-Methyl-2-pentanone	43	6.161	6.161	(1.244)	1398425	200.000	219.29(A)
	50 Toluene	91	6.339	6.339	(0.837)	2777612	100.000	103.58
	51 trans-1,3-Dichloropropene	75	6.504	6.504	(0.859)	900731	100.000	104.38
	52 Ethyl Methacrylate	69	6.587	6.587	(0.870)	897834	100.000	115.06
	53 1,1,2-Trichloroethane	97	6.670	6.670	(0.881)	563371	100.000	97.053
	54 1,3-Dichloropropane	76	6.824	6.824	(0.902)	1042724	100.000	100.41
	55 Tetrachloroethene	164	6.836	6.836	(0.903)	459974	100.000	99.063
	56 2-Hexanone	43	6.883	6.883	(0.909)	1187302	200.000	221.32(A)
	57 Dibromochloromethane	129	7.037	7.037	(0.930)	607416	100.000	101.45
	58 1,2-Dibromoethane	107	7.143	7.143	(0.944)	557014	100.000	100.38
	59 Chlorobenzene	112	7.593	7.593	(1.003)	1670252	100.000	99.557
	60 1,1,1,2-Tetrachloroethane	131	7.664	7.664	(1.013)	602609	100.000	100.44
	61 Ethylbenzene	106	7.700	7.700	(1.017)	869519	100.000	105.52
	62 m + p-Xylene	106	7.806	7.806	(1.031)	2220923	200.000	215.27(A)
M	63 Xylenes (total)	106				3293545	300.000	324.18
	64 Xylene-o	106	8.173	8.173	(1.080)	1072622	100.000	108.91
	65 Styrene	104	8.185	8.185	(1.081)	1961810	100.000	110.76

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76310.D
Report Date: 02-Jun-2004 15:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.362	8.362	(1.105)	405605	100.000	101.59
67 Isopropylbenzene	105	8.528	8.528	(1.127)	2272594	100.000	111.86
68 1,1,2,2-Tetrachloroethane	83	8.788	8.788	(0.897)	753361	100.000	96.603
69 1,4-Dichloro-2-butene	53	8.847	8.847	(0.903)	225558	100.000	109.60
70 1,2,3-Trichloropropane	110	8.836	8.836	(0.902)	241729	100.000	96.605
71 Bromobenzene	156	8.824	8.824	(0.901)	703617	100.000	100.85
72 n-Propylbenzene	120	8.918	8.918	(0.911)	624648	100.000	110.67
73 2-Chlorotoluene	126	9.001	9.001	(0.919)	585505	100.000	103.94
74 1,3,5-Trimethylbenzene	105	9.084	9.084	(0.927)	1950402	100.000	110.08
75 4-Chlorotoluene	126	9.108	9.108	(0.930)	607683	100.000	102.19
76 tert-Butylbenzene	119	9.404	9.404	(0.960)	1552503	100.000	113.23
77 1,2,4-Trimethylbenzene	105	9.451	9.451	(0.965)	2044874	100.000	110.21
78 sec-Butylbenzene	105	9.617	9.617	(0.982)	2212927	100.000	111.18
79 4-Isopropyltoluene	119	9.759	9.759	(0.996)	1818134	100.000	111.12
80 1,3-Dichlorobenzene	146	9.735	9.735	(0.994)	1156577	100.000	98.575
81 1,4-Dichlorobenzene	146	9.818	9.818	(1.002)	1220500	100.000	97.918
82 n-Butylbenzene	91	10.161	10.161	(1.037)	1591327	100.000	111.39
83 1,2-Dichlorobenzene	146	10.184	10.184	(1.040)	1176716	100.000	99.499
84 1,2-Dibromo-3-chloropropane	157	10.942	10.942	(1.117)	153269	100.000	103.27
85 1,2,4-Trichlorobenzene	180	11.782	11.782	(1.203)	641827	100.000	109.10
86 Hexachlorobutadiene	225	11.959	11.959	(1.221)	313788	100.000	100.94
87 Naphthalene	128	12.019	12.019	(1.227)	1887398	100.000	102.08
88 1,2,3-Trichlorobenzene	180	12.267	12.267	(1.252)	624245	100.000	111.39
98 Cyclohexane	56	4.505	4.505	(0.909)	980604	100.000	110.65
143 Methyl Acetate	43	2.943	2.943	(0.594)	1000849	200.000	196.81
144 Methylcyclohexane	83	5.440	5.440	(1.098)	766743	100.000	114.10
141 1,3,5-Trichlorobenzene	180	11.167	11.167	(1.140)	713037	100.000	104.69

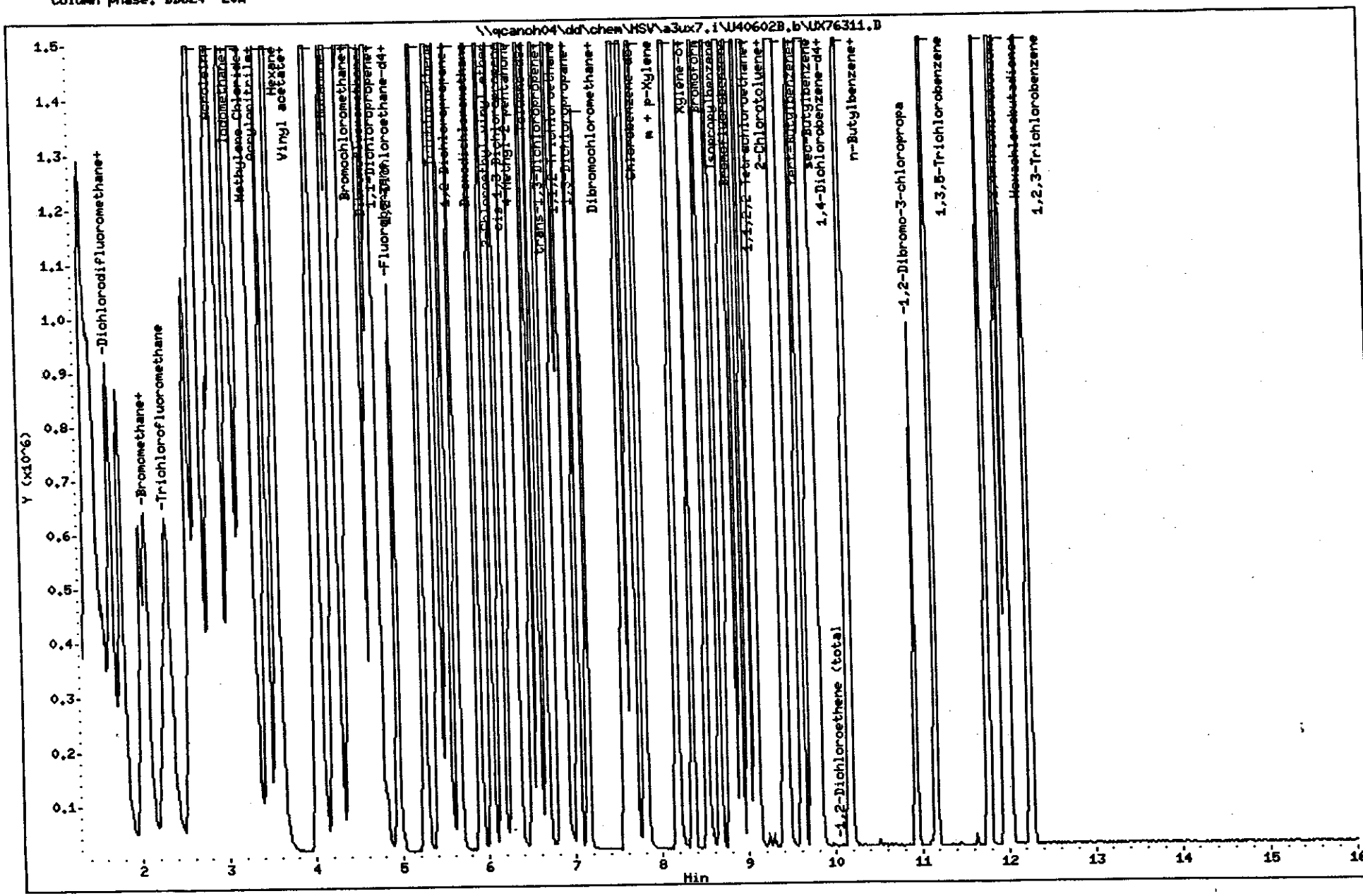
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76311.D
Date : 02-JUN-2004 14:12
Client ID:
Sample Info: 200NG8260CAL
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i

Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76311.D
Report Date: 02-Jun-2004 15:15

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76311.D
Lab Smp Id: 200NG8260CAL
Inj Date : 02-JUN-2004 14:12
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 200NG8260CAL
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:15 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.952	4.952	(1.000)	1202290	50.0000	
*	2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	997640	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.791	9.791	(1.000)	494615	50.0000	
$	4 Dibromofluoromethane	113	4.395	4.395	(0.888)	1121688	200.000	206.74(A)
$	5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	1521058	200.000	203.60(A)
$	6 Toluene-d8	98	6.277	6.277	(0.830)	4841603	200.000	218.06(A)
$	7 Bromofluorobenzene	95	8.667	8.667	(1.145)	1701965	200.000	220.10(A)
	8 Dichlorodifluoromethane	85	1.579	1.579	(0.319)	1368947	200.000	214.23(A)
	9 Chloromethane	50	1.674	1.674	(0.338)	2141211	200.000	187.85
	10 Vinyl Chloride	62	1.780	1.780	(0.360)	1930826	200.000	193.05
	11 Bromomethane	94	2.017	2.017	(0.407)	829921	200.000	199.85
	12 Chloroethane	64	2.076	2.076	(0.419)	978791	200.000	163.44
	13 Trichlorofluoromethane	101	2.313	2.313	(0.467)	1857267	200.000	204.48(A)
	15 Acrolein	56	2.573	2.573	(0.520)	2582074	2000.00	1921.7
	16 Acetone	43	2.680	2.680	(0.541)	1385427	400.000	400.00(A)
	17 1,1-Dichloroethene	96	2.692	2.692	(0.544)	1125362	200.000	198.79
	18 Freon-113	151	2.703	2.703	(0.546)	836933	200.000	204.92(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76311.D
Report Date: 02-Jun-2004 15:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.822	2.822	(0.570)	1804361	200.000	194.82
	20 Carbon Disulfide	76	2.881	2.881	(0.582)	4225045	200.000	196.56
	21 Methylene Chloride	84	3.047	3.047	(0.615)	1399377	200.000	199.95
	22 Acetonitrile	41	2.893	2.893	(0.584)	1837580	2000.00	1896.3
	23 Acrylonitrile	53	3.200	3.200	(0.646)	5849742	2000.00	2000.8(A)
	24 Methyl tert-butyl ether	73	3.271	3.271	(0.661)	4195606	200.000	209.66(A)
	25 trans-1,2-Dichloroethene	96	3.259	3.259	(0.658)	1312126	200.000	194.10
	26 Hexane	86	3.461	3.461	(0.699)	230820	200.000	199.68
	27 Vinyl acetate	43	3.591	3.591	(0.725)	3153485	200.000	228.56(A)
	28 1,1-Dichloroethane	63	3.579	3.579	(0.723)	2372679	200.000	194.41
	29 tert-Butyl Alcohol	59	3.106	3.106	(0.627)	1950538	4000.00	4483.9(A)
	30 2-Butanone	43	4.017	4.017	(0.811)	1785926	400.000	407.41(A)
M	31 1,2-Dichloroethene (total)	96				2689852	400.000	394.37
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	1377726	200.000	200.27(A)
	33 2,2-Dichloropropane	77	4.052	4.052	(0.818)	1581572	200.000	205.10(A)
	34 Bromochloromethane	128	4.218	4.218	(0.852)	650043	200.000	190.98
	35 Chloroform	83	4.277	4.277	(0.864)	2208818	200.000	192.88
	36 Tetrahydrofuran	42	4.253	4.253	(0.859)	390576	200.000	213.86(A)
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	1874839	200.000	200.11(A)
	38 1,1-Dichloropropene	75	4.561	4.561	(0.921)	1751728	200.000	208.91(A)
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	1569247	200.000	204.21(A)
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	1762142	200.000	192.10
	41 Benzene	78	4.739	4.739	(0.957)	5649128	200.000	198.66
	42 Trichloroethene	130	5.259	5.259	(1.062)	1326566	200.000	197.68
	43 1,2-Dichloropropane	63	5.437	5.437	(1.098)	1399840	200.000	198.65
	44 1,4-Dioxane	88	5.543	5.543	(1.119)	638025	10000.0	11285(A)
	45 Dibromomethane	93	5.531	5.531	(1.117)	733741	200.000	191.83
	46 Bromodichloromethane	83	5.662	5.662	(1.143)	1720682	200.000	197.55
	47 2-Chloroethyl vinyl ether	63	5.898	5.898	(1.191)	1863994	400.000	471.01(A)
	48 cis-1,3-Dichloropropene	75	6.040	6.040	(1.220)	2169925	200.000	212.10(A)
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	2963737	400.000	450.25(A)
	50 Toluene	91	6.336	6.336	(0.837)	5758676	200.000	202.87(A)
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	1939719	200.000	212.36(A)
	52 Ethyl Methacrylate	69	6.585	6.585	(0.870)	1918504	200.000	232.26(A)
	53 1,1,2-Trichloroethane	97	6.679	6.679	(0.883)	1158246	200.000	188.50
	54 1,3-Dichloropropane	76	6.821	6.821	(0.901)	2151724	200.000	195.75
	55 Tetrachloroethene	164	6.833	6.833	(0.903)	953430	200.000	193.98
	56 2-Hexanone	43	6.892	6.892	(0.911)	2549078	400.000	448.88(A)
	57 Dibromochloromethane	129	7.034	7.034	(0.930)	1238768	200.000	195.45
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	1162672	200.000	197.94
	59 Chlorobenzene	112	7.602	7.602	(1.005)	3471657	200.000	195.49
	60 1,1,1,2-Tetrachloroethane	131	7.673	7.673	(1.014)	1242529	200.000	195.65
	61 Ethylbenzene	106	7.697	7.697	(1.017)	1845867	200.000	211.62(A)
	62 m + p-Xylene	106	7.803	7.803	(1.031)	4589488	400.000	420.25(A)
M	63 Xylenes (total)	106				6811988	600.000	633.43
	64 Xylene-o	106	8.182	8.182	(1.081)	2222500	200.000	213.18(A)
	65 Styrene	104	8.182	8.182	(1.081)	4115186	200.000	219.48(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76311.D
Report Date: 02-Jun-2004 15:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.359	8.359	(1.105)	861656	200.000	203.88 (A)
67 Isopropylbenzene	105	8.525	8.525	(1.127)	4901163	200.000	227.90 (A)
68 1,1,2,2-Tetrachloroethane	83	8.797	8.797	(0.898)	1546086	200.000	194.39
69 1,4-Dichloro-2-butene	53	8.845	8.845	(0.903)	467417	200.000	222.70 (A)
70 1,2,3-Trichloropropane	110	8.833	8.833	(0.902)	498101	200.000	195.18
71 Bromobenzene	156	8.821	8.821	(0.901)	1426125	200.000	200.42 (A)
72 n-Propylbenzene	120	8.916	8.916	(0.911)	1302408	200.000	226.25 (A)
73 2-Chlorotoluene	126	9.010	9.010	(0.920)	1210785	200.000	210.76 (A)
74 1,3,5-Trimethylbenzene	105	9.093	9.093	(0.929)	4108075	200.000	227.34 (A)
75 4-Chlorotoluene	126	9.105	9.105	(0.930)	1268121	200.000	209.09 (A)
76 tert-Butylbenzene	119	9.413	9.413	(0.961)	3290046	200.000	235.27 (A)
77 1,2,4-Trimethylbenzene	105	9.448	9.448	(0.965)	4276788	200.000	226.01 (A)
78 sec-Butylbenzene	105	9.626	9.626	(0.983)	4702182	200.000	231.63 (A)
79 4-Isopropyltoluene	119	9.768	9.768	(0.998)	3916732	200.000	234.72 (A)
80 1,3-Dichlorobenzene	146	9.732	9.732	(0.994)	2406976	200.000	201.15 (A)
81 1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	2502669	200.000	196.87
82 n-Butylbenzene	91	10.170	10.170	(1.039)	3416730	200.000	234.51 (A)
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	2404441	200.000	199.35
84 1,2-Dibromo-3-chloropropane	157	10.939	10.939	(1.117)	323727	200.000	213.87 (A)
85 1,2,4-Trichlorobenzene	180	11.779	11.779	(1.203)	1407607	200.000	234.60 (A)
86 Hexachlorobutadiene	225	11.957	11.957	(1.221)	658200	200.000	207.61 (A)
87 Naphthalene	128	12.016	12.016	(1.227)	4246710	200.000	199.68
88 1,2,3-Trichlorobenzene	180	12.264	12.264	(1.253)	1323495	200.000	231.56 (A)
98 Cyclohexane	56	4.514	4.514	(0.912)	2091807	200.000	228.67 (A)
143 Methyl Acetate	43	2.940	2.940	(0.594)	2072507	400.000	394.82
144 Methylcyclohexane	83	5.437	5.437	(1.098)	1617809	200.000	233.23
141 1,3,5-Trichlorobenzene	180	11.164	11.164	(1.140)	1499601	200.000	215.88

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:35

STL North Canton

RECOVERY REPORT

Client Name:
Client SDG: SDGa00164
Sample Matrix: LIQUID
Fraction: VOA
Lab Smp Id: ICV
Level: LOW
Operator: 1754
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: plexus-ck.spk
Quant Type: ISTD
Sublist File: 1-8260.SUB
Method File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Misc Info: U40602B,N8260UX7-3,1-8260.SUB,1754

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17	1,1-Dichloroethene	10.000	10.005	100.05	45-155
	42	Trichloroethene	10.000	8.945	89.45	45-155
	59	Chlorobenzene	10.000	9.055	90.55	45-155
	50	Toluene	10.000	9.565	95.65	45-155
	41	Benzene	10.000	9.159	91.59	45-155
	16	Acetone	10.000	8.006	80.06	45-155
	20	Carbon Disulfide	10.000	9.754	97.54	45-155
	9	Chloromethane	10.000	7.663	76.63	45-155
	11	Bromomethane	10.000	8.046	80.46	45-155
	10	Vinyl Chloride	10.000	8.014	80.14	45-155
	12	Chloroethane	10.000	7.445	74.45	45-155
	21	Methylene Chloride	10.000	9.108	91.08	45-155
	28	1,1-Dichloroethane	10.000	9.006	90.06	45-155
M	31	1,2-Dichloroethene	20.000	18.344	91.72	45-155
	35	Chloroform	10.000	8.847	88.47	45-155
	40	1,2-Dichloroethane	10.000	8.953	89.53	45-155
	30	2-Butanone	10.000	7.635	76.35	45-155
	37	1,1,1-Trichloroeth	10.000	9.016	90.16	45-155
	39	Carbon Tetrachlori	10.000	9.475	94.75	45-155
	46	Bromodichlorometha	10.000	8.902	89.02	45-155
	43	1,2-Dichloropropan	10.000	9.048	90.48	45-155
	48	cis-1,3-Dichloropr	10.000	9.114	91.14	45-155
	57	Dibromochlorometha	10.000	8.832	88.32	45-155
	53	1,1,2-Trichloroeth	10.000	8.736	87.36	45-155
	51	trans-1,3-Dichloro	10.000	9.098	90.98	45-155
	66	Bromoform	10.000	9.222	92.22	45-155
	49	4-Methyl-2-pentano	10.000	8.688	86.88	45-155
	56	2-Hexanone	10.000	7.436	74.36	45-155
	55	Tetrachloroethene	10.000	9.237	92.37	45-155
	68	1,1,2,2-Tetrachlor	10.000	9.401	94.01	45-155
	61	Ethylbenzene	10.000	9.601	96.01	45-155
	65	Styrene	10.000	9.595	95.95	45-155
	62	m + p-Xylene	20.000	19.479	97.39	45-155

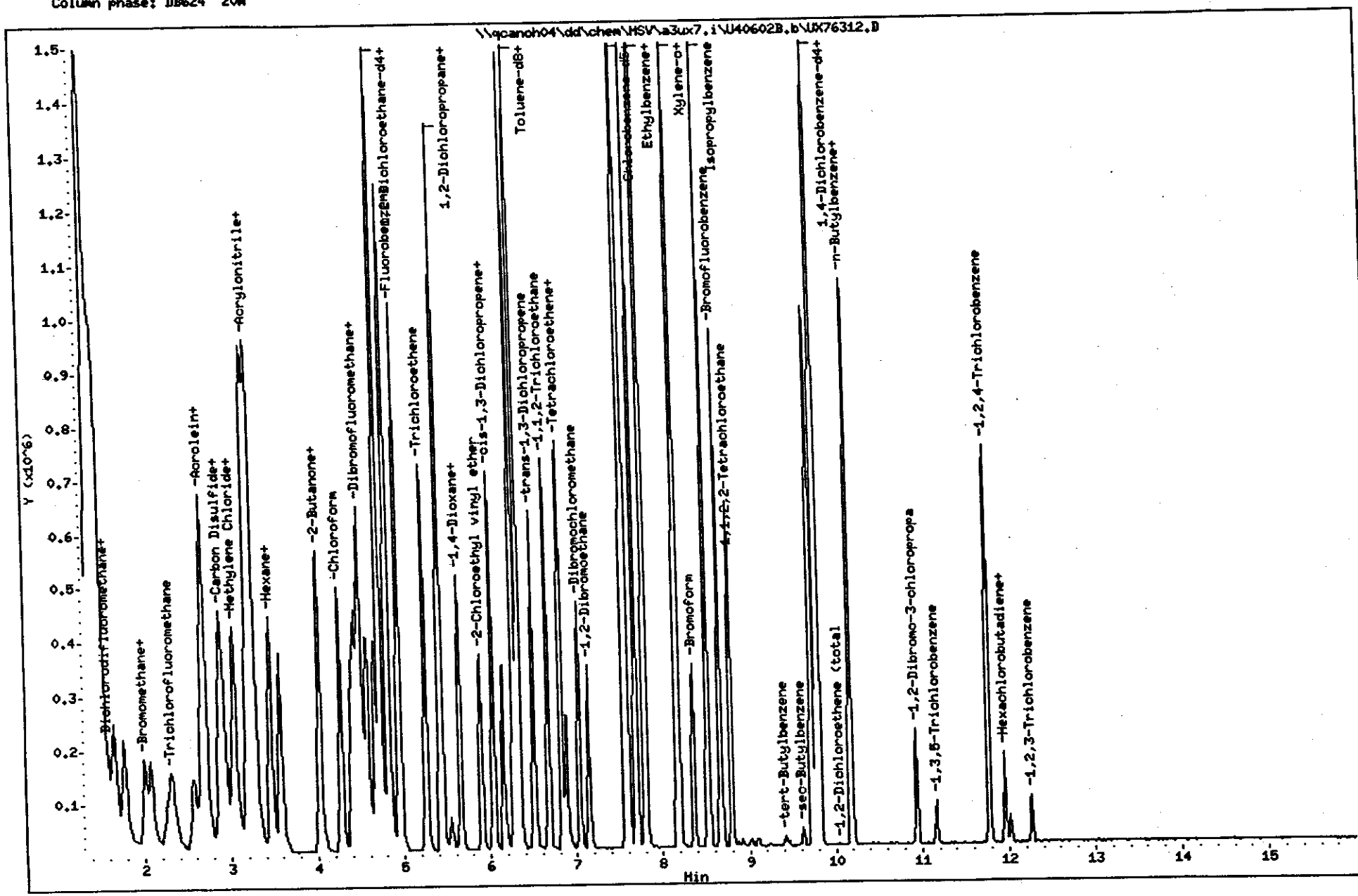
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:35

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
M	63 Xylenes (total)	30.000	29.179	97.26	45-155
	64 Xylene-o	10.000	9.700	97.00	45-155
	32 cis-1,2-dichloroet	10.000	9.032	90.32	45-155
	25 trans-1,2-Dichloro	10.000	9.311	93.11	45-155
	8 Dichlorodifluorome	10.000	9.003	90.03	45-155
	13 Trichlorofluoromet	10.000	8.853	88.53	45-155
	18 Freon-113	10.000	10.929	109.29	45-155
	24 Methyl tert-butyl	10.000	7.882	78.82	45-155
	58 1,2-Dibromoethane	10.000	9.164	91.64	45-155
	67 Isopropylbenzene	10.000	10.163	101.63	45-155
	80 1,3-Dichlorobenzen	10.000	9.116	91.16	45-155
	81 1,4-Dichlorobenzen	10.000	9.588	95.88	45-155
	83 1,2-Dichlorobenzen	10.000	9.288	92.88	45-155
	84 1,2-Dibromo-3-chlo	10.000	9.519	95.19	45-155
	85 1,2,4-Trichloroben	10.000	10.255	102.55	45-155
	98 Cyclohexane	10.000	9.998	99.98	45-155
	143 Methyl Acetate	10.000	9.453	94.53	45-155
	144 Methylcyclohexane	10.000	10.060	100.60	45-155

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$	4 Dibromofluorometha	10.000	9.317	93.17	73-122
$	5 1,2-Dichloroethane	10.000	9.221	92.21	61-128
$	6 Toluene-d8	10.000	10.046	100.46	76-110
$	7 Bromofluorobenzene	10.000	9.676	96.76	74-116

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Date : 02-JUN-2004 14:43
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:34

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Lab Smp Id: ICV
Inj Date : 02-JUN-2004 14:43
Operator : 1754 Inst ID: a3ux7.i
Smp Info : ICV
Misc Info : U40602B,N8260UX7-3,1-8260.SUB,1754
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Meth Date : 02-Jun-2004 15:15 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 7 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
* 1 Fluorobenzene	96	4.955	4.952	(1.000)	1272144	50.0000	
* 2 Chlorobenzene-d5	117	7.570	7.567	(1.000)	1014394	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.795	9.791	(1.000)	484934	50.0000	
$ 4 Dibromofluoromethane	113	4.399	4.395	(0.888)	267425	46.5842	9.317
$ 5 1,2-Dichloroethane-d4	65	4.671	4.668	(0.943)	364470	46.1062	9.221
$ 6 Toluene-d8	98	6.281	6.277	(0.830)	1133994	50.2296	10.046
$ 7 Bromofluorobenzene	95	8.671	8.667	(1.145)	380395	48.3813	9.676
8 Dichlorodifluoromethane	85	1.583	1.579	(0.320)	304365	45.0160	9.003
9 Chloromethane	50	1.666	1.674	(0.336)	462131	38.3168	7.663
10 Vinyl Chloride	62	1.772	1.780	(0.358)	424055	40.0700	8.014
11 Bromomethane	94	2.009	2.017	(0.405)	229270	40.2316	8.046
12 Chloroethane	64	2.080	2.076	(0.420)	235874	37.2234	7.445
13 Trichlorofluoromethane	101	2.328	2.313	(0.470)	425429	44.2674	8.853
15 Acrolein	56	2.577	2.573	(0.520)	341968	240.537	48.107
16 Acetone	43	2.683	2.680	(0.542)	166613	40.0313	8.006
17 1,1-Dichloroethene	96	2.683	2.692	(0.542)	299646	50.0254	10.005
18 Freon-113	151	2.695	2.703	(0.544)	236142	54.6435	10.929
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	20 Carbon Disulfide	76	2.885	2.881	(0.582)	1109244	48.7722	9.754
	21 Methylene Chloride	84	3.050	3.047	(0.616)	373365	45.5404	9.108
	22 Acetonitrile	41	2.908	2.893	(0.587)	510909	498.292	99.658
	23 Acrylonitrile	53	3.204	3.200	(0.647)	1399482	452.390	90.478
	24 Methyl tert-butyl ether	73	3.275	3.271	(0.661)	834472	39.4099	7.882
	25 trans-1,2-Dichloroethene	96	3.263	3.259	(0.659)	333009	46.5564	9.311
	26 Hexane	86	3.464	3.461	(0.699)	62620	53.2115	10.642
	27 Vinyl acetate	43	3.464	3.591	(0.699)	213510	14.6252	2.925
	28 1,1-Dichloroethane	63	3.571	3.579	(0.721)	581509	45.0303	9.006
	29 tert-Butyl Alcohol	59	3.121	3.106	(0.630)	47037	102.190	20.438
	30 2-Butanone	43	4.020	4.017	(0.811)	177069	38.1756	7.635
M	31 1,2-Dichloroethene (total)	96				661742	91.7183	18.344
	32 cis-1,2-dichloroethene	96	4.032	4.029	(0.814)	328733	45.1619	9.032
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.269	4.277	(0.862)	536005	44.2364	8.847
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.446	4.443	(0.897)	446904	45.0813	9.016
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.588	4.585	(0.926)	385194	47.3734	9.475
	40 1,2-Dichloroethane	62	4.730	4.727	(0.955)	434481	44.7630	8.953
	41 Benzene	78	4.730	4.739	(0.955)	1377957	45.7961	9.159
	42 Trichloroethene	130	5.251	5.259	(1.060)	317567	44.7237	8.945
	43 1,2-Dichloropropane	63	5.429	5.437	(1.096)	337323	45.2405	9.048
	44 1,4-Dioxane	88	5.547	5.543	(1.119)	67657	1130.94	226.19(A)
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.653	5.662	(1.141)	410237	44.5122	8.902
	47 2-Chloroethyl vinyl ether	63	5.902	5.898	(1.191)	193861	46.2968	9.259
	48 cis-1,3-Dichloropropene	75	6.032	6.040	(1.217)	493315	45.5713	9.114
	49 4-Methyl-2-pentanone	43	6.150	6.159	(1.241)	302552	43.4400	8.688
	50 Toluene	91	6.340	6.336	(0.837)	1380375	47.8262	9.565
	51 trans-1,3-Dichloropropene	75	6.505	6.514	(0.859)	422498	45.4903	9.098
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.671	6.679	(0.881)	272896	43.6791	8.736
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.837	6.833	(0.903)	230824	46.1873	9.237
	56 2-Hexanone	43	6.884	6.892	(0.909)	214683	37.1803	7.436
	57 Dibromochloromethane	129	7.038	7.034	(0.930)	284605	44.1624	8.832
	58 1,2-Dibromoethane	107	7.144	7.141	(0.944)	273662	45.8205	9.164
	59 Chlorobenzene	112	7.594	7.602	(1.003)	817519	45.2739	9.055
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.700	7.697	(1.017)	425746	48.0041	9.601
	62 m + p-Xylene	106	7.807	7.803	(1.031)	1081503	97.3954	19.479
M	63 Xylenes (total)	106				1595629	145.896	29.179
	64 Xylene-o	106	8.174	8.182	(1.080)	514126	48.5008	9.700
	65 Styrene	104	8.186	8.182	(1.081)	914588	47.9737	9.595
	66 Bromoform	173	8.363	8.359	(1.105)	198152	46.1124	9.222

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.529	8.525	(1.127)	1111159	50.8149	10.163
68 1,1,2,2-Tetrachloroethane	83	8.789	8.797	(0.897)	366548	47.0057	9.401
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	9.416	9.413	(0.961)	12508	0.91231	0.1825
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	9.617	9.626	(0.982)	27911	1.40233	0.2805
79 4-Isopropyltoluene	119	9.759	9.768	(0.996)	25493	1.55824	0.3116
80 1,3-Dichlorobenzene	146	9.736	9.732	(0.994)	534770	45.5820	9.116
81 1,4-Dichlorobenzene	146	9.819	9.815	(1.002)	597511	47.9405	9.588
82 n-Butylbenzene	91	10.162	10.170	(1.037)	53475	3.74359	0.7487
83 1,2-Dichlorobenzene	146	10.185	10.182	(1.040)	549207	46.4425	9.288
84 1,2-Dibromo-3-chloropropane	157	10.943	10.939	(1.117)	70632	47.5938	9.519
85 1,2,4-Trichlorobenzene	180	11.783	11.779	(1.203)	301622	51.2739	10.255
86 Hexachlorobutadiene	225	11.960	11.957	(1.221)	42487	13.6686	2.734
87 Naphthalene	128	12.019	12.016	(1.227)	51992	7.64660	1.529
88 1,2,3-Trichlorobenzene	180	12.268	12.264	(1.252)	37210	6.64021	1.328
98 Cyclohexane	56	4.506	4.514	(0.909)	483883	49.9922	9.998
143 Methyl Acetate	43	2.944	2.940	(0.594)	262535	47.2675	9.453
144 Methylcyclohexane	83	5.440	5.437	(1.098)	369185	50.3017	10.060
141 1,3,5-Trichlorobenzene	180	11.167	11.164	(1.140)	32680	4.79841	0.9597

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 22-Jun-2004 15:41

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Start Cal Date: 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Last Cal Level: 6
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.000		
21-APR-2004 09:38	3-IX	UX74908.D
02-JUN-2004 12:14	1-8260	UX76306.D
Cal Level: 2 , Cal Amount: 10.000		
21-APR-2004 10:02	3-IX	UX74909.D
02-JUN-2004 12:38	1-8260	UX76307.D
Cal Level: 3 , Cal Amount: 25.000		
21-APR-2004 10:26	3-IX	UX74910.D
02-JUN-2004 13:01	1-8260	UX76308.D
Cal Level: 4 , Cal Amount: 50.000		
21-APR-2004 10:50	3-IX	UX74911.D
02-JUN-2004 13:25	1-8260	UX76309.D
Cal Level: 5 , Cal Amount: 100.00		
21-APR-2004 11:13	3-IX	UX74912.D
02-JUN-2004 13:48	1-8260	UX76310.D
Cal Level: 6 , Cal Amount: 200.00		
21-APR-2004 11:55	3-IX	UX74913.D
02-JUN-2004 14:12	1-8260	UX76311.D

Continuing Calibration

22-JUN-2004 08:11	1-8260	UX76899.D
22-JUN-2004 07:47	3-IX	UX76898.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX76899.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m

Injection Date: 22-JUN-2004 08:11
Init. Cal. Date(s): 20-APR-2004 02-JUN-2004
Init. Cal. Times: 14:54 14:12
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	4 Dibromofluoromethane	0.22563	0.21647	0.010	-4.1	50.0	
$	5 1,2-Dichloroethane-d4	0.31070	0.35110	0.010	13.0	50.0	
$	6 Toluene-d8	1.11279	1.15030	0.010	3.4	50.0	
$	7 Bromofluorobenzene	0.38754	0.39680	0.010	2.4	50.0	
	8 Dichlorodifluoromethane	0.26574	0.30900	0.010	16.3	50.0	
	9 Chloromethane	0.47403	0.53101	0.100	12.0	50.0	
	10 Vinyl Chloride	0.41595	0.41454	0.010	-0.3	20.0	
	11 Bromomethane	50.00000	44.98054	0.010	10.0	50.0	
	12 Chloroethane	0.24906	0.25092	0.010	0.7	50.0	
	13 Trichlorofluoromethane	0.37773	0.44226	0.010	17.1	50.0	
	15 Acrolein	0.05588	0.06206	0.010	11.1	50.0	
	16 Acetone	100	72.39985	0.010	27.6	50.0	
	17 1,1-Dichloroethene	0.23542	0.20635	0.010	-12.3	20.0	
	18 Freon-113	0.16985	0.13958	0.010	-17.8	50.0	
	19 Iodomethane	0.38516	0.30818	0.010	-20.0	50.0	
	20 Carbon Disulfide	0.89390	0.82034	0.010	-8.2	50.0	
	21 Methylene Chloride	50.00000	44.82408	0.010	10.4	50.0	
	22 Acetonitrile	0.04030	0.05300	0.010	31.5	50.0	
	23 Acrylonitrile	0.12159	0.13673	0.010	12.5	50.0	
	24 Methyl tert-butyl ether	0.83222	0.88015	0.010	5.8	50.0	
	25 trans-1,2-Dichloroethene	0.28113	0.24981	0.010	-11.1	50.0	
	26 Hexane	50.00000	37.95801	0.010	24.1	20.0	<-
	27 Vinyl acetate	0.57378	0.71796	0.010	25.1	50.0	
	28 1,1-Dichloroethane	0.50756	0.50085	0.100	-1.3	50.0	
	29 tert-Butyl Alcohol	0.01809	0.02020	0.010	11.7	50.0	
	30 2-Butanone	0.18230	0.16553	0.010	-9.2	50.0	
M	31 1,2-Dichloroethene (total)	0.28361	0.25346	0.010	-10.6	50.0	
	32 cis-1,2-dichloroethene	0.28609	0.25710	0.010	-10.1	50.0	
	33 2,2-Dichloropropane	0.32068	0.34728	0.010	8.3	50.0	
	34 Bromochloromethane	0.14155	0.11824	0.010	-16.5	50.0	
	35 Chloroform	0.47624	0.45771	0.010	-3.9	20.0	
	36 Tetrahydrofuran	0.07595	0.09253	0.010	21.8	50.0	
	37 1,1,1-Trichloroethane	0.38963	0.37132	0.010	-4.7	50.0	
	38 1,1-Dichloropropene	0.34871	0.33058	0.010	-5.2	50.0	
	39 Carbon Tetrachloride	0.31958	0.30612	0.010	-4.2	50.0	
	40 1,2-Dichloroethane	0.38149	0.40711	0.010	6.7	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX76899.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m

Injection Date: 22-JUN-2004 08:11
Init. Cal. Date(s): 20-APR-2004 02-JUN-2004
Init. Cal. Times: 14:54 14:12
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	41 Benzene	1.18261	1.10453	0.010	-6.6	50.0	
	42 Trichloroethene	0.27908	0.23779	0.010	-14.8	50.0	
	43 1,2-Dichloropropane	0.29306	0.28645	0.010	-2.3	20.0	
	44 1,4-Dioxane	0.00235	0.00267	0.010	13.7	50.0	<-
	45 Dibromomethane	0.15907	0.15337	0.010	-3.6	50.0	
	46 Bromodichloromethane	0.36223	0.35871	0.010	-1.0	50.0	
	47 2-Chloroethyl vinyl ether	0.16458	0.17419	0.010	5.8	50.0	
	48 cis-1,3-Dichloropropene	0.42547	0.41096	0.010	-3.4	50.0	
	49 4-Methyl-2-pentanone	0.27374	0.31109	0.010	13.6	50.0	
	50 Toluene	1.42264	1.42043	0.010	-0.2	20.0	
	51 trans-1,3-Dichloropropene	0.45779	0.49302	0.010	7.7	50.0	
	52 Ethyl Methacrylate	0.41398	0.45676	0.010	10.3	50.0	
	53 1,1,2-Trichloroethane	0.30795	0.30143	0.010	-2.1	50.0	
	54 1,3-Dichloropropane	0.55092	0.57629	0.010	4.6	50.0	
	55 Tetrachloroethene	0.24633	0.20181	0.010	-18.1	50.0	
	56 2-Hexanone	0.28461	0.29443	0.010	3.5	50.0	
	57 Dibromochloromethane	0.31765	0.31053	0.010	-2.2	50.0	
	58 1,2-Dibromoethane	0.29439	0.29196	0.010	-0.8	50.0	
	59 Chlorobenzene	0.89005	0.83325	0.300	-6.4	50.0	
	60 1,1,1,2-Tetrachloroethane	0.31828	0.31564	0.010	-0.8	50.0	
	61 Ethylbenzene	0.43716	0.43403	0.010	-0.7	20.0	
	62 m + p-Xylene	0.54733	0.55279	0.010	1.0	50.0	
M	63 Xylenes (total)	0.53906	0.53886	0.010	-0.0	50.0	
	64 Xylene-o	0.52250	0.51102	0.010	-2.2	50.0	
	65 Styrene	0.93969	0.95644	0.010	1.8	50.0	
	66 Bromoform	0.21181	0.18539	0.100	-12.5	50.0	
	67 Isopropylbenzene	1.07783	1.05222	0.010	-2.4	50.0	
	68 1,1,2,2-Tetrachloroethane	0.80402	0.90820	0.300	13.0	50.0	
	69 1,4-Dichloro-2-butene	0.21217	0.30445	0.010	43.5	50.0	
	70 1,2,3-Trichloropropane	0.25798	0.28845	0.010	11.8	50.0	
	71 Bromobenzene	0.71933	0.69913	0.010	-2.8	50.0	
	72 n-Propylbenzene	0.58191	0.67368	0.010	15.8	50.0	
	73 2-Chlorotoluene	0.58074	0.63669	0.010	9.6	50.0	
	74 1,3,5-Trimethylbenzene	1.82667	2.12034	0.010	16.1	50.0	
	75 4-Chlorotoluene	0.61309	0.70006	0.010	14.2	50.0	
	76 tert-Butylbenzene	1.41362	1.52126	0.010	7.6	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i Injection Date: 22-JUN-2004 08:11
Lab File ID: UX76899.D Init. Cal. Date(s): 20-APR-2004 02-JUN-2004
Analysis Type: WATER Init. Cal. Times: 14:54 14:12
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
77	1,2,4-Trimethylbenzene	1.91286	2.27987	0.010	19.2	50.0
78	sec-Butylbenzene	2.05217	2.20291	0.010	7.3	50.0
79	4-Isopropyltoluene	1.68684	1.85491	0.010	10.0	50.0
80	1,3-Dichlorobenzene	1.20965	1.17610	0.010	-2.8	50.0
81	1,4-Dichlorobenzene	1.28508	1.26989	0.010	-1.2	50.0
82	n-Butylbenzene	1.47282	1.60220	0.010	8.8	50.0
83	1,2-Dichlorobenzene	1.21929	1.22265	0.010	0.3	50.0
84	1,2-Dibromo-3-chloropropane	0.15302	0.15273	0.010	-0.2	50.0
85	1,2,4-Trichlorobenzene	0.60653	0.49238	0.010	-18.8	50.0
86	Hexachlorobutadiene	0.32049	0.21969	0.010	-31.5	50.0
87	Naphthalene	50.00000	43.06881	0.010	13.9	50.0
88	1,2,3-Trichlorobenzene	0.57778	0.47043	0.010	-18.6	50.0
98	Cyclohexane	0.38043	0.36136	0.010	-5.0	50.0
143	Methyl Acetate	0.21830	0.24118	0.010	10.5	50.0
144	Methylcyclohexane	0.28847	0.24666	0.010	-14.5	50.0
141	1,3,5-Trichlorobenzene	0.70222	0.61047	0.010	-13.1	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40622A.b/UX76899.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX76899.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 08:11
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40622A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	Chlorobenzene	50.0000	46.8092	6.4	50.0
0	Bromodichloromethane	50.0000	49.5134	1.0	50.0
0	1,1,2,2-Tetrachloroethane	50.0000	56.4787	13.0	50.0
0	Bromoform	50.0000	43.7646	12.5	50.0
0	Styrene	50.0000	50.8912	1.8	50.0
0	Xylene-o	50.0000	48.9015	2.2	50.0
0	Xylenes (total)	150.0000	149.8979	0.1	50.0
0	2-Hexanone	100.0000	103.4523	3.5	50.0
0	Chloromethane	50.0000	56.0100	12.0	50.0
0	Vinyl Chloride	50.0000	49.8312	0.3	20.0
0	Bromomethane	50.0000	44.9806	10.0	50.0
0	Chloroethane	50.0000	50.3741	0.7	50.0
0	1,1-Dichloroethane	50.0000	49.3397	1.3	50.0
0	Tetrachloroethene	50.0000	40.9630	18.1	50.0
0	Acetone	100.0000	72.4000	27.6	50.0
0	1,1-Dichloroethene	50.0000	43.8261	12.3	20.0
0	m + p-Xylene	100.0000	100.9963	1.0	50.0
0	Ethylbenzene	50.0000	49.6423	0.7	20.0
0	Carbon Disulfide	50.0000	45.8856	8.2	50.0
0	Methylene Chloride	50.0000	44.8240	10.4	50.0
0	1,2-Dichloropropane	50.0000	48.8725	2.3	20.0
0	1,1,2-Trichloroethane	50.0000	48.9402	2.1	50.0
0	Dibromochloromethane	50.0000	48.8789	2.2	50.0
0	trans-1,2-Dichloroethene	50.0000	44.4295	11.1	50.0
0	trans-1,3-Dichloropropene	50.0000	53.8480	7.7	50.0
0	cis-1,3-Dichloropropene	50.0000	48.2950	3.4	50.0
0	Chloroform	50.0000	48.0552	3.9	20.0
0	Toluene	50.0000	49.9224	0.2	20.0
0	2-Butanone	100.0000	90.7996	9.2	50.0
0	1,2-Dichloroethene (total)	100.0000	89.3629	10.6	50.0
0	cis-1,2-dichloroethene	50.0000	44.9334	10.1	50.0
0	4-Methyl-2-pentanone	100.0000	113.6413	13.6	50.0
0	1,2-Dichloroethane	50.0000	53.3577	6.7	50.0
0	Trichloroethene	50.0000	42.6018	14.8	50.0
0	1,1,1-Trichloroethane	50.0000	47.6505	4.7	50.0
0	Carbon Tetrachloride	50.0000	47.8941	4.2	50.0
0	Benzene	50.0000	46.6990	6.6	50.0
38	Dichlorodifluoromethane	50.0000	58.1398	16.3	50.0
39	Trichlorofluoromethane	50.0000	58.5422	17.1	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40622A.b/UX76899.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX76899.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 08:11
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
39 Chlorobenzene-d5	50.0000	50.0000	0.0	50.0
40 Acrolein	500.0000	555.3285	11.1	50.0
41 Acrylonitrile	500.0000	562.2519	12.5	50.0
42 Vinyl acetate	50.0000	62.5633	25.1	50.0
43 2-Chloroethyl vinyl ether	100.0000	105.8429	5.8	50.0
47 Freon-113	50.0000	41.0898	17.8	50.0
48 1,3-Dichlorobenzene	50.0000	48.6131	2.8	50.0
49 1,4-Dichlorobenzene	50.0000	49.4090	1.2	50.0
50 1,2-Dichlorobenzene	50.0000	50.1375	0.3	50.0
51 Acetonitrile	500.0000	657.5538	31.5	50.0
52 Iodomethane	50.0000	40.0073	20.0	50.0
59 1,4-Dioxane	2500.0000	2843.1193	13.7	50.0
60 Dibromomethane	50.0000	48.2074	3.6	50.0
62 Ethyl Methacrylate	50.0000	55.1677	10.3	50.0
63 1,2-Dibromoethane	50.0000	49.5887	0.8	50.0
64 1,1,1,2-Tetrachloroethane	50.0000	49.5856	0.8	50.0
65 1,2,3-Trichloropropane	50.0000	55.9061	11.8	50.0
66 1,4-Dichloro-2-butene	50.0000	71.7486	43.5	50.0
69 1,2-Dibromo-3-chloropropane	50.0000	49.9063	0.2	50.0
82 Methyl tert-butyl ether	50.0000	52.8791	5.8	50.0
84 Tetrahydrofuran	50.0000	60.9150	21.8	50.0
98 2,2-Dichloropropane	50.0000	54.1467	8.3	50.0
99 1,1-Dichloropropene	50.0000	47.4011	5.2	50.0
100 1,3-Dichloropropane	50.0000	52.3021	4.6	50.0
102 Bromobenzene	50.0000	48.5964	2.8	50.0
103 2-Chlorotoluene	50.0000	54.8180	9.6	50.0
104 n-Propylbenzene	50.0000	57.8854	15.8	50.0
105 4-Chlorotoluene	50.0000	57.0932	14.2	50.0
106 1,3,5-Trimethylbenzene	50.0000	58.0385	16.1	50.0
107 tert-Butylbenzene	50.0000	53.8071	7.6	50.0
108 1,2,4-Trimethylbenzene	50.0000	59.5931	19.2	50.0
109 sec-Butylbenzene	50.0000	53.6728	7.3	50.0
110 4-Isopropyltoluene	50.0000	54.9816	10.0	50.0
111 n-Butylbenzene	50.0000	54.3922	8.8	50.0
112 1,2,4-Trichlorobenzene	50.0000	40.5900	18.8	50.0
113 Naphthalene	50.0000	43.0688	13.9	50.0
114 Hexachlorobutadiene	50.0000	34.2744	31.5	50.0
115 1,2,3-Trichlorobenzene	50.0000	40.7102	18.6	50.0
124 tert-Butyl Alcohol	1000.0000	1116.8477	11.7	50.0

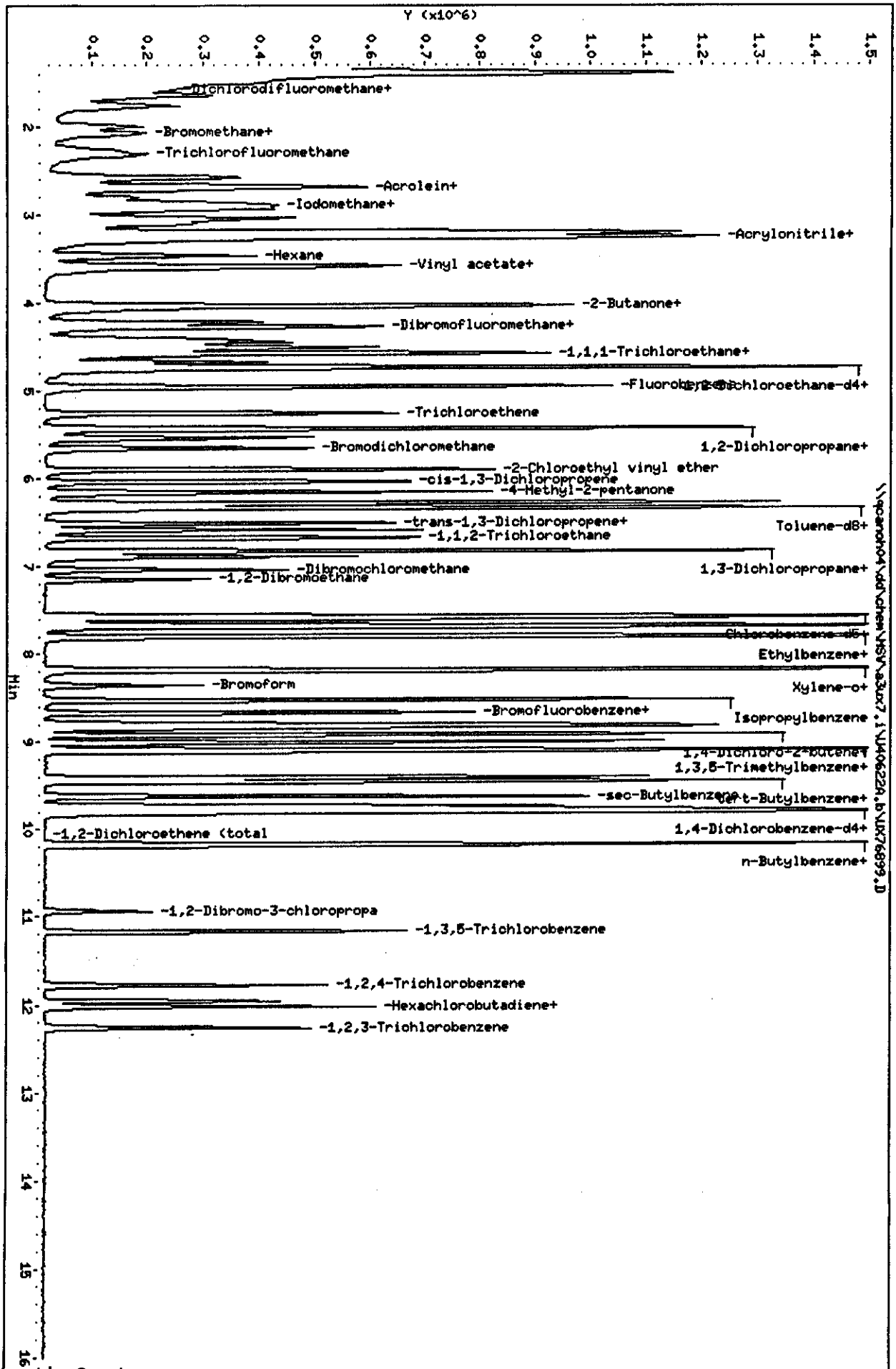
Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40622A.b/UX76899.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX76899.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 08:11
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
125 Hexane	50.0000	37.9589	24.1	20.0	<-
127 Cyclohexane	50.0000	47.4946	5.0	50.0	
128 Isopropylbenzene	50.0000	48.8123	2.4	50.0	
130 Fluorobenzene	50.0000	50.0000	0.0	50.0	
132 1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0	
133 Bromochloromethane	50.0000	41.7648	16.5	50.0	
141 1,3,5-Trichlorobenzene	50.0000	43.4676	13.1	50.0	
143 Methyl Acetate	100.0000	110.4816	10.5	50.0	
144 Methylcyclohexane	50.0000	42.7539	14.5	50.0	
22 Toluene-d8	50.0000	51.6852	3.4	50.0	
32 Bromofluorobenzene	50.0000	51.1946	2.4	50.0	
47 1,2-Dichloroethane-d4	50.0000	56.5025	13.0	50.0	
131 Dibromofluoromethane	50.0000	47.9705	4.1	50.0	



Data File: \\qcanon04\dd\chem\VHSV\a3ux7.i\UU406220.b\UX76899.D
Date : 22-JUN-2004 08:11
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18

\\qcanon04\dd\chem\VHSV\a3ux7.i\UU406220.b\UX76899.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Lab Smp Id: 50NG-CC
Inj Date : 22-JUN-2004 08:11
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 50NG-CC
Misc Info : U40622A,N8260UX7-3,1-8260.SUB,1754,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Meth Date : 22-Jun-2004 15:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.952	4.952	(1.000)	1080950	50.0000	
*	2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	815843	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	363462	50.0000	
$	4 Dibromofluoromethane	113	4.396	4.396	(0.888)	233995	50.0000	47.970
$	5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	379524	50.0000	56.502
$	6 Toluene-d8	98	6.278	6.278	(0.830)	938462	50.0000	51.685
$	7 Bromofluorobenzene	95	8.668	8.668	(1.145)	323728	50.0000	51.194
	8 Dichlorodifluoromethane	85	1.580	1.580	(0.319)	334018	50.0000	58.140
	9 Chloromethane	50	1.639	1.639	(0.331)	573999	50.0000	56.010
	10 Vinyl Chloride	62	1.757	1.757	(0.355)	448099	50.0000	49.831
	11 Bromomethane	94	1.994	1.994	(0.403)	215451	50.0000	44.980
	12 Chloroethane	64	2.065	2.065	(0.417)	271232	50.0000	50.374
	13 Trichlorofluoromethane	101	2.314	2.314	(0.467)	478059	50.0000	58.542
	15 Acrolein	56	2.574	2.574	(0.520)	670845	500.000	555.33
	16 Acetone	43	2.680	2.680	(0.541)	242754	100.000	72.400
	17 1,1-Dichloroethene	96	2.669	2.669	(0.539)	223059	50.0000	43.826
	18 Freon-113	151	2.704	2.704	(0.546)	150882	50.0000	41.090

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.799	2.799	(0.565)	333129	50.0000	40.007
	20 Carbon Disulfide	76	2.870	2.870	(0.580)	886749	50.0000	45.886
	21 Methylene Chloride	84	3.035	3.035	(0.613)	312805	50.0000	44.824
	22 Acetonitrile	41	2.893	2.893	(0.584)	572875	500.000	657.55
	23 Acrylonitrile	53	3.201	3.201	(0.646)	1477932	500.000	562.25
	24 Methyl tert-butyl ether	73	3.260	3.260	(0.658)	951394	50.0000	52.879
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	270033	50.0000	44.429
	26 Hexane	86	3.461	3.461	(0.699)	37122	50.0000	37.958
	27 Vinyl acetate	43	3.591	3.591	(0.725)	776076	50.0000	62.563
	28 1,1-Dichloroethane	63	3.568	3.568	(0.720)	541399	50.0000	49.340
	29 tert-Butyl Alcohol	59	3.106	3.106	(0.627)	436810	1000.00	1116.8(A)
	30 2-Butanone	43	4.017	4.017	(0.811)	357857	100.000	90.799
M	31 1,2-Dichloroethene (total)	96				547946	100.000	89.363
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	277913	50.0000	44.933
	33 2,2-Dichloropropane	77	4.041	4.041	(0.816)	375392	50.0000	54.147
	34 Bromochloromethane	128	4.219	4.219	(0.852)	127808	50.0000	41.765
	35 Chloroform	83	4.278	4.278	(0.864)	494765	50.0000	48.055
	36 Tetrahydrofuran	42	4.254	4.254	(0.859)	100021	50.0000	60.914
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	401379	50.0000	47.650
	38 1,1-Dichloropropene	75	4.562	4.562	(0.921)	357342	50.0000	47.401
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	330900	50.0000	47.894
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	440066	50.0000	53.358
	41 Benzene	78	4.727	4.727	(0.955)	1193946	50.0000	46.699
	42 Trichloroethene	130	5.260	5.260	(1.062)	257036	50.0000	42.602
	43 1,2-Dichloropropane	63	5.437	5.437	(1.098)	309637	50.0000	48.872
	44 1,4-Dioxane	88	5.532	5.532	(1.117)	144523	2500.00	2843.1(A)
	45 Dibromomethane	93	5.532	5.532	(1.117)	165782	50.0000	48.207
	46 Bromodichloromethane	83	5.650	5.650	(1.141)	387747	50.0000	49.513
	47 2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	376592	100.000	105.84
	48 cis-1,3-Dichloropropene	75	6.041	6.041	(1.220)	444227	50.0000	48.295
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	672536	100.000	113.64
	50 Toluene	91	6.337	6.337	(0.837)	1158849	50.0000	49.922
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	402230	50.0000	53.848
	52 Ethyl Methacrylate	69	6.585	6.585	(0.870)	372647	50.0000	55.168
	53 1,1,2-Trichloroethane	97	6.680	6.680	(0.883)	245917	50.0000	48.940
	54 1,3-Dichloropropane	76	6.822	6.822	(0.901)	470159	50.0000	52.302
	55 Tetrachloroethene	164	6.834	6.834	(0.903)	164645	50.0000	40.963
	56 2-Hexanone	43	6.893	6.893	(0.911)	480424	100.000	103.45
	57 Dibromochloromethane	129	7.035	7.035	(0.930)	253344	50.0000	48.879
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	238197	50.0000	49.588
	59 Chlorobenzene	112	7.591	7.591	(1.003)	679799	50.0000	46.809
	60 1,1,1,2-Tetrachloroethane	131	7.662	7.662	(1.013)	257516	50.0000	49.586
	61 Ethylbenzene	106	7.697	7.697	(1.017)	354099	50.0000	49.642
	62 m + p-Xylene	106	7.804	7.804	(1.031)	901976	100.000	101.00
M	63 Xylenes (total)	106				1318887	150.000	149.90
	64 Xylene-o	106	8.171	8.171	(1.080)	416911	50.0000	48.902
	65 Styrene	104	8.183	8.183	(1.081)	780305	50.0000	50.891

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76899.D
Report Date: 22-Jun-2004 15:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.360	8.360	(1.105)	151253	50.0000	43.764
67 Isopropylbenzene	105	8.526	8.526	(1.127)	858450	50.0000	48.812
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	330097	50.0000	56.479
69 1,4-Dichloro-2-butene	53	8.845	8.845	(0.903)	110657	50.0000	71.748
70 1,2,3-Trichloropropane	110	8.833	8.833	(0.902)	104841	50.0000	55.906
71 Bromobenzene	156	8.822	8.822	(0.901)	254108	50.0000	48.596
72 n-Propylbenzene	120	8.916	8.916	(0.911)	244857	50.0000	57.885
73 2-Chlorotoluene	126	8.999	8.999	(0.919)	231414	50.0000	54.818
74 1,3,5-Trimethylbenzene	105	9.082	9.082	(0.927)	770663	50.0000	58.038
75 4-Chlorotoluene	126	9.106	9.106	(0.930)	254445	50.0000	57.093
76 tert-Butylbenzene	119	9.401	9.401	(0.960)	552921	50.0000	53.807
77 1,2,4-Trimethylbenzene	105	9.449	9.449	(0.965)	828645	50.0000	59.593
78 sec-Butylbenzene	105	9.626	9.626	(0.983)	800674	50.0000	53.673
79 4-Isopropyltoluene	119	9.756	9.756	(0.996)	674188	50.0000	54.982
80 1,3-Dichlorobenzene	146	9.733	9.733	(0.994)	427468	50.0000	48.613
81 1,4-Dichlorobenzene	146	9.816	9.816	(1.002)	461557	50.0000	49.409
82 n-Butylbenzene	91	10.159	10.159	(1.037)	582339	50.0000	54.392
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	444386	50.0000	50.138
84 1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	55511	50.0000	49.906
85 1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	178962	50.0000	40.590
86 Hexachlorobutadiene	225	11.957	11.957	(1.221)	79850	50.0000	34.274
87 Naphthalene	128	12.016	12.016	(1.227)	531413	50.0000	43.069
88 1,2,3-Trichlorobenzene	180	12.265	12.265	(1.253)	170985	50.0000	40.710
98 Cyclohexane	56	4.503	4.503	(0.909)	390617	50.0000	47.494
143 Methyl Acetate	43	2.941	2.941	(0.594)	521416	100.000	110.48
144 Methylcyclohexane	83	5.437	5.437	(1.098)	266628	50.0000	42.754
141 1,3,5-Trichlorobenzene	180	11.164	11.164	(1.140)	221884	50.0000	43.468

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b/UX76898.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX76898.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 07:47
Lab Sample ID: 50NGA9-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39	Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
53	3-Chloropropene	50.0000	47.2117	5.6	50.0	
54	2-Chloro-1,3-butadiene	50.0000	49.4696	1.1	50.0	
55	Propionitrile	100.0000	102.5199	2.5	50.0	
56	Methacrylonitrile	50.0000	44.5328	10.9	50.0	
57	Isobutanol	1000.0000	1481.1269	48.1	50.0	
58	Methyl Methacrylate	50.0000	47.2019	5.6	50.0	
73	n-Butanol	1000.0000	1653.2035	65.3	50.0	<-
74	Ethyl Acetate	100.0000	97.8542	2.1	50.0	
75	Cyclohexanone	500.0000	735.7829	47.2	50.0	
76	Ethyl Ether	50.0000	49.0597	1.9	50.0	
85	Dichlorofluoromethane	50.0000	49.2737	1.5	50.0	
86	2-Nitropropane	100.0000	106.0372	6.0	50.0	
126	Isopropyl Ether	250.0000	250.3260	0.1	50.0	
130	Fluorobenzene	50.0000	50.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76898.D
Report Date: 22-Jun-2004 15:38

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

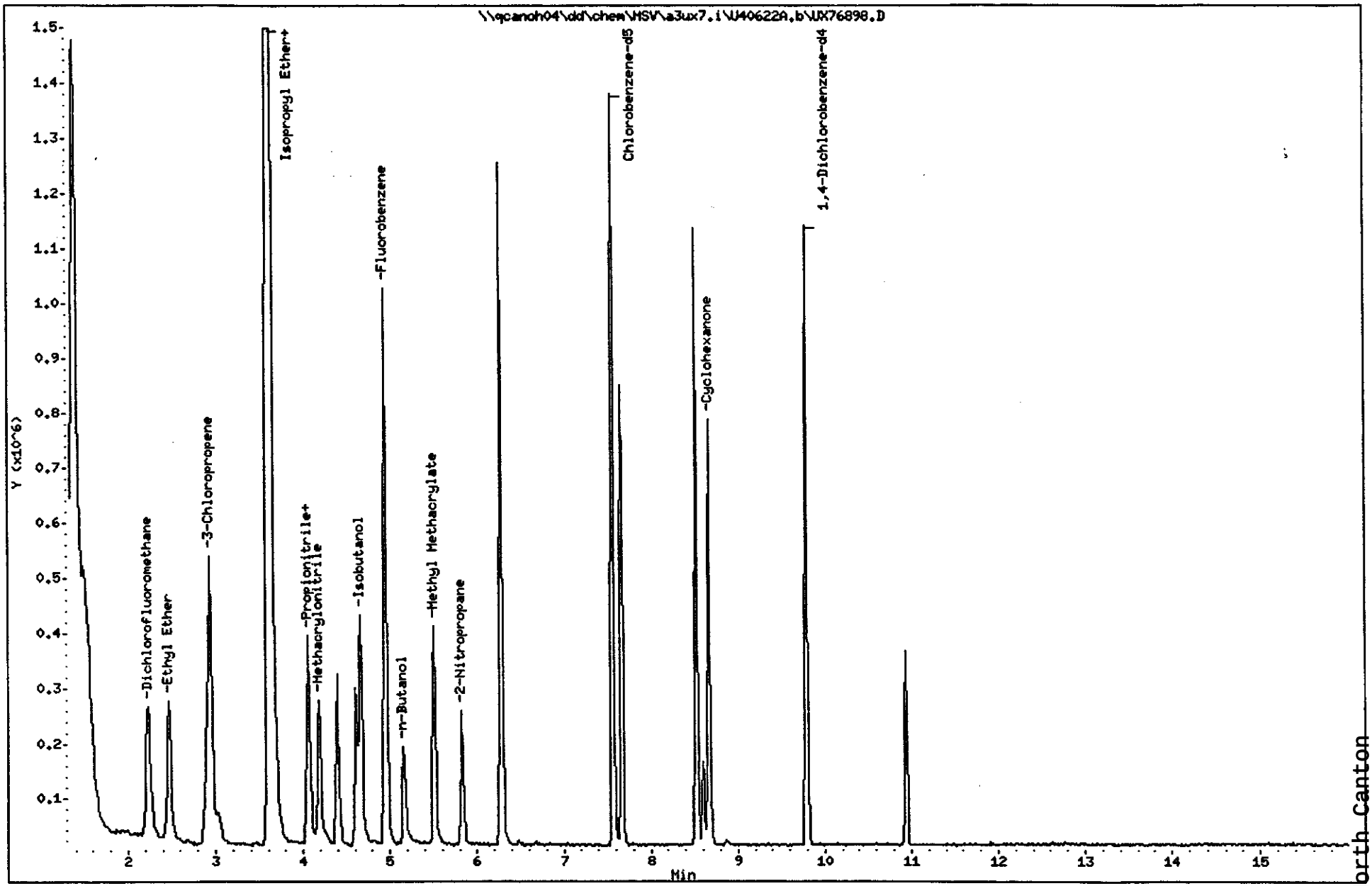
Instrument ID: a3ux7.i
Lab File ID: UX76898.D
Analysis Type: WATER
Lab Sample ID: 50NGA9-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m

Injection Date: 22-JUN-2004 07:47
Init. Cal. Date(s): 20-APR-2004 02-JUN-2004
Init. Cal. Times: 14:54 14:12
Quant Type: ISTD

			MIN		MAX	
COMPOUND	RRF	RF50	RRF	%D	%D	
14 Dichlorofluoromethane	0.47191	0.46506	0.010	-1.5	50.0	
89 Ethyl Ether	0.23941	0.23490	0.010	-1.9	50.0	
91 3-Chloropropene	0.13562	0.12806	0.010	-5.6	50.0	
92 Isopropyl Ether	0.23496	0.23527	0.010	0.1	50.0	
93 2-Chloro-1,3-butadiene	0.45636	0.45151	0.010	-1.1	50.0	
94 Propionitrile	0.04105	0.04209	0.010	2.5	50.0	
95 Ethyl Acetate	0.27636	0.27043	0.010	-2.1	50.0	
96 Methacrylonitrile	0.19966	0.17783	0.010	-10.9	50.0	
97 Isobutanol	1000	1481	0.010	-48.1	50.0	
99 n-Butanol	1000	1653	0.010	-65.3	50.0	<-
100 Methyl Methacrylate	0.24614	0.23237	0.010	-5.6	50.0	
101 2-Nitropropane	0.07868	0.08343	0.010	6.0	50.0	
103 Cyclohexanone	0.01846	0.02716	0.010	47.2	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76898.D
Date : 22-JUN-2004 07:47
Client ID:
Sample Info: 50NGA9-CC
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76898.D
Report Date: 22-Jun-2004 15:38

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76898.D
Lab Smp Id: 50NGA9-CC
Inj Date : 22-JUN-2004 07:47
Operator : 1754 Inst ID: a3ux7.i
Smp Info : 50NGA9-CC
Misc Info : U40622A,N8260UX7-3,3-IX.SUB,1754,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Meth Date : 22-Jun-2004 15:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.953	4.953	(1.000)	1103669	50.0000	
* 2 Chlorobenzene-d5	117	7.568	7.568	(1.000)	795254	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.793	9.793	(1.000)	304205	50.0000	
14 Dichlorofluoromethane	67	2.232	2.232	(0.451)	513271	50.0000	49.274
89 Ethyl Ether	59	2.468	2.468	(0.498)	259255	50.0000	49.060
91 3-Chloropropene	76	2.942	2.942	(0.594)	141334	50.0000	47.212
92 Isopropyl Ether	87	3.616	3.616	(0.730)	1298277	250.000	250.32(A)
93 2-Chloro-1,3-butadiene	53	3.652	3.652	(0.737)	498323	50.0000	49.470
94 Propionitrile	54	4.054	4.054	(0.818)	92896	100.000	102.52
95 Ethyl Acetate	43	4.066	4.066	(0.821)	596921	100.000	97.854
96 Methacrylonitrile	41	4.184	4.184	(0.845)	196260	50.0000	44.533
97 Isobutanol	41	4.610	4.610	(0.609)	206603	1000.00	1481.1(A)
99 n-Butanol	56	5.154	5.154	(0.681)	132766	1000.00	1653.2(A)
100 Methyl Methacrylate	41	5.509	5.509	(1.112)	256459	50.0000	47.202
101 2-Nitropropane	41	5.829	5.829	(1.177)	184153	100.000	106.04
103 Cyclohexanone	55	8.598	8.598	(0.878)	82629	500.000	735.78(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76898.D
Report Date: 22-Jun-2004 15:38

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 03-Jun-2004 17:00

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Start Cal Date: 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
03-JUN-2004 17:21	1-8260	UX89925.D
Cal Level: 2 , Cal Amount: 50.000		
03-JUN-2004 16:57	1-8260	UX89924.D
Cal Level: 3 , Cal Amount: 100.00		
03-JUN-2004 16:33	1-8260	UX89923.D
Cal Level: 4 , Cal Amount: 250.00		
03-JUN-2004 16:09	1-8260	UX89922.D
Cal Level: 5 , Cal Amount: 500.00		
03-JUN-2004 15:45	1-8260	UX89921.D
Cal Level: 6 , Cal Amount: 1000.0		
03-JUN-2004 15:20	1-8260	UX89920.D

Continuing Calibration

03-JUN-2004 16:09	1-8260	UX89922.D

Report Date : 03-Jun-2004 16:58

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
8	Dichlorodifluoromethane	0.12531	0.13592	0.14238	0.15000	0.16867	0.17244	0.14912	12.415	
9	Chloromethane	0.22460	0.21945	0.20570	0.20136	0.22189	0.24200	0.21916	6.633	
10	Vinyl Chloride	0.17607	0.18065	0.17101	0.17569	0.18536	0.19135	0.18002	4.103	
11	Bromomethane	0.08481	0.08105	0.08259	0.07870	0.07603	0.06352	0.07778	9.800	
12	Chloroethane	0.09302	0.09881	0.09836	0.10057	0.09941	0.08592	0.09601	5.824	
13	Trichlorofluoromethane	0.24326	0.24258	0.23145	0.23979	0.25069	0.23622	0.24066	2.734	
14	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	Acrolein	0.03033	0.03087	0.03219	0.03222	0.02979	0.03003	0.03091	3.466	
16	Acetone	0.16669	0.12105	0.08656	0.09281	0.12888	0.11845	0.11907	24.092	
17	1,1-Dichloroethene	0.17050	0.17400	0.16879	0.17467	0.17255	0.16525	0.17096	2.078	
18	Freon-113	0.08449	0.09114	0.08664	0.09059	0.09633	0.09647	0.09094	5.384	
19	Iodomethane	0.24794	0.25230	0.25316	0.25909	0.25260	0.23913	0.25070	2.670	
20	Carbon Disulfide	0.52400	0.55228	0.55817	0.57337	0.57312	0.55324	0.55570	3.263	
21	Methylene Chloride	0.31986	0.28057	0.23880	0.22980	0.21831	0.20810	0.24924	17.122	
22	Acetonitrile	0.02271	0.02163	0.02271	0.02233	0.02131	0.02214	0.02214	2.583	
23	Acrylonitrile	0.08058	0.07792	0.08012	0.08113	0.07965	0.08399	0.08056	2.488	
24	Methyl tert-butyl ether	0.63729	0.68570	0.69016	0.66678	0.61112	0.66072	0.65863	4.560	
25	trans-1,2-Dichloroethene	0.22387	0.23022	0.22716	0.23491	0.24071	0.23743	0.23238	2.760	
26	Hexane	0.06513	0.06129	0.06919	0.06652	0.06808	0.06956	0.06663	4.653	
27	Vinyl acetate	0.44401	0.48579	0.52073	0.54547	0.52986	0.57608	0.51699	8.982	
28	1,1-Dichloroethane	0.43830	0.45518	0.44479	0.45987	0.46222	0.47194	0.45538	2.680	
29	tert-Butyl Alcohol	0.02075	0.02287	0.02354	0.02370	0.02257	0.02476	0.02303	5.861	
30	2-Butanone	0.15984	0.13689	0.12511	0.13543	0.16514	0.15812	0.14675	11.125	
M 31	1,2-Dichloroethene (total)	0.23732	0.24351	0.23728	0.24441	0.24737	0.24666	0.24276	1.836	
32	cis-1,2-dichloroethene	0.25077	0.25681	0.24741	0.25391	0.25403	0.25589	0.25314	1.379	

Report Date : 03-Jun-2004 16:58

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
33	2,2-Dichloropropane	0.23346	0.25223	0.25118	0.25811	0.25520	0.24006	0.24837	3.844	
34	Bromochloromethane	0.11013	0.11950	0.11455	0.11943	0.11649	0.11830	0.11640	3.101	
35	Chloroform	0.40162	0.41503	0.40814	0.42678	0.42758	0.43368	0.41880	2.992	
36	Tetrahydrofuran	0.08031	0.08212	0.08123	0.08117	0.07690	0.08528	0.08117	3.342	
37	1,1,1-Trichloroethane	0.31287	0.33460	0.33334	0.34540	0.35026	0.34697	0.33724	4.081	
38	1,1-Dichloropropene	0.30904	0.31281	0.32821	0.33609	0.34190	0.34922	0.32954	4.865	
39	Carbon Tetrachloride	0.27521	0.28748	0.28851	0.30608	0.31537	0.31660	0.29821	5.677	
40	1,2-Dichloroethane	0.36901	0.37631	0.37129	0.37630	0.37040	0.38028	0.37393	1.167	
41	Benzene	0.97304	1.01403	0.97565	1.00725	1.00678	1.02037	0.99952	2.015	
42	Trichloroethene	0.24218	0.24438	0.24075	0.25133	0.25223	0.25097	0.24697	2.072	
43	1,2-Dichloropropane	0.24321	0.26128	0.25385	0.26058	0.25868	0.25832	0.25599	2.648	
44	1,4-Dioxane	0.00197	0.00216	0.00216	0.00216	0.00208	0.00214	0.00211	3.594	<-
45	Dibromomethane	0.13304	0.13773	0.13326	0.13295	0.13225	0.13357	0.13380	1.475	
46	Bromodichloromethane	0.27636	0.29904	0.30592	0.31895	0.31771	0.32887	0.30781	6.052	
47	2-Chloroethyl vinyl ether	0.11829	0.11720	0.12509	0.13171	0.12782	0.13376	0.12565	5.434	
48	cis-1,3-Dichloropropene	0.35346	0.38142	0.38947	0.41805	0.40964	0.42019	0.39537	6.517	
49	4-Methyl-2-pentanone	0.21079	0.21854	0.23575	0.24297	0.24929	0.25373	0.23518	7.305	
50	Toluene	1.62817	1.62978	1.58573	1.63970	1.72218	1.79408	1.66661	4.604	
51	trans-1,3-Dichloropropene	0.48719	0.51785	0.54320	0.58498	0.59994	0.64013	0.56221	10.053	
52	Ethyl Methacrylate	0.39284	0.45292	0.47599	0.51857	0.52957	0.56857	0.48974	12.773	
53	1,1,2-Trichloroethane	0.30097	0.30494	0.29818	0.30615	0.30834	0.32519	0.30730	3.091	
54	1,3-Dichloropropane	0.56518	0.57455	0.55557	0.57398	0.57900	0.60155	0.57497	2.690	
55	Tetrachloroethene	0.28843	0.27279	0.27204	0.28029	0.29446	0.30012	0.28469	4.062	
56	2-Hexanone	0.25330	0.25143	0.24740	0.26679	0.33081	0.32218	0.27865	13.539	
57	Dibromochloromethane	0.27068	0.30841	0.30679	0.33215	0.34016	0.35706	0.31921	9.569	
58	1,2-Dibromoethane	0.28650	0.28259	0.28581	0.29668	0.29421	0.30894	0.29245	3.314	
59	Chlorobenzene	0.95794	0.96782	0.93786	0.97423	0.99825	0.99721	0.97222	2.395	
60	1,1,1,2-Tetrachloroethane	0.29517	0.32000	0.31232	0.33268	0.33535	0.34004	0.32259	5.249	
61	Ethylbenzene	0.46700	0.51068	0.49005	0.51384	0.53460	0.52438	0.50676	4.843	
62	m + p-Xylene	0.61928	0.62355	0.61292	0.62938	0.64369	0.62692	0.62596	1.672	
M 63	Xylenes (total)	0.60284	0.61036	0.60265	0.61539	0.62884	0.60753	0.61127	1.613	
64	Xylene-o	0.56996	0.58399	0.58209	0.58741	0.59913	0.56876	0.58189	1.954	
65	Styrene	0.91593	0.96659	0.98837	1.02124	1.02956	0.99840	0.98668	4.199	

Report Date : 03-Jun-2004 16:58

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks
Curve Type : Average

Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
66 Bromoform	0.14879	0.15609	0.16887	0.17912	0.18309	0.18893	0.17081	9.270	
67 Isopropylbenzene	1.37285	1.37592	1.36454	1.40563	1.45399	1.40704	1.39666	2.375	
68 1,1,2,2-Tetrachloroethane	0.76140	0.82926	0.84984	0.89203	0.83907	0.86961	0.84020	5.316	
69 1,4-Dichloro-2-butene	0.27719	0.28142	0.30462	0.31901	0.31547	0.33082	0.30476	7.040	
70 1,2,3-Trichloropropane	0.29708	0.29277	0.31334	0.30184	0.28431	0.28989	0.29654	3.435	
71 Bromobenzene	0.94701	0.93557	0.96488	0.98805	0.94563	0.90915	0.94838	2.813	
72 n-Propylbenzene	0.99678	1.02712	1.06883	1.10005	1.10538	1.06683	1.06083	3.969	
73 2-Chlorotoluene	0.83836	0.90713	0.89951	0.92831	0.91088	0.87810	0.89372	3.543	
74 1,3,5-Trimethylbenzene	2.91064	2.99354	3.06891	3.17678	3.18796	3.15022	3.08134	3.620	
75 4-Chlorotoluene	0.84956	0.87814	0.92080	0.90555	0.89927	0.87216	0.88758	2.910	
76 tert-Butylbenzene	2.53583	2.65424	2.70497	2.78602	2.81401	2.75656	2.70860	3.773	
77 1,2,4-Trimethylbenzene	2.77515	2.90981	2.99476	3.08977	3.12746	3.15204	3.00817	4.834	
78 sec-Butylbenzene	3.51363	3.61284	3.74553	3.82296	3.94955	3.95832	3.76714	4.771	
79 4-Isopropyltoluene	2.64053	2.78000	2.94778	3.01146	3.14758	3.20208	2.95490	7.272	
80 1,3-Dichlorobenzene	1.43552	1.48313	1.49224	1.54720	1.53943	1.55921	1.50946	3.143	
81 1,4-Dichlorobenzene	1.51165	1.47333	1.51290	1.54103	1.53326	1.54807	1.52004	1.791	
82 n-Butylbenzene	2.15350	2.30408	2.42515	2.59369	2.78475	2.88289	2.52401	11.165	
83 1,2-Dichlorobenzene	1.33968	1.31691	1.35038	1.39572	1.38850	1.44023	1.37190	3.266	
84 1,2-Dibromo-3-chloropropane	0.09537	0.11811	0.12174	0.13899	0.14365	0.16459	0.13041	18.377	
85 1,2,4-Trichlorobenzene	0.76253	0.77194	0.79011	0.88553	0.94316	1.01408	0.86122	12.004	
86 Hexachlorobutadiene	0.45303	0.43881	0.45175	0.49271	0.52425	0.54284	0.48390	8.864	
87 Naphthalene	1.84030	1.98548	2.08599	2.31178	2.35097	2.59956	2.19568	12.609	
88 1,2,3-Trichlorobenzene	0.67672	0.75958	0.77545	0.86418	0.89239	0.94005	0.81806	11.945	
89 Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
92 Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
93 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
94 Propionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
95 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
96 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
97 Isobutanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
98 Cyclohexane	0.40882	0.41428	0.41998	0.42794	0.44529	0.44172	0.42634	3.465	

Report Date : 03-Jun-2004 16:58

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
	99 n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 Methyl Methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	141 1,3,5-Trichlorobenzene	0.86750	0.85399	0.86481	0.95693	1.03091	1.10218	0.94605	10.877	
	143 Methyl Acetate	0.17286	0.17986	0.17930	0.18236	0.17828	0.19237	0.18084	3.574	
	144 Methylcyclohexane	0.40492	0.41151	0.42477	0.44296	0.45071	0.44075	0.42927	4.305	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	146 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	147 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	148 n-Butyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	149 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	150 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	151 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	152 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	4 Dibromofluoromethane	0.21363	0.21123	0.21254	0.21689	0.21468	0.21659	0.21426	1.045	
$	5 1,2-Dichloroethane-d4	0.31268	0.30643	0.30120	0.29441	0.28609	0.30009	0.30015	3.083	
$	6 Toluene-d8	0.90303	0.86771	0.85874	0.91822	0.89179	0.86271	0.88370	2.749	
$	7 Bromofluorobenzene	0.50012	0.46781	0.44165	0.43232	0.42040	0.41081	0.44552	7.447	

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Start Cal Date : 03-JUN-2004 15:20
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Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
8 Dichlorodifluoromethane	0.12531	0.13592	0.14238	0.15000	0.16867	0.17244	AVRG		0.14912		12.41473	
9 Chloromethane	0.22460	0.21945	0.20570	0.20136	0.22189	0.24200	AVRG		0.21916		6.63348	
10 Vinyl Chloride	0.17607	0.18065	0.17101	0.17569	0.18536	0.19135	AVRG		0.18002		4.10329	
11 Bromomethane	0.08481	0.08105	0.08259	0.07870	0.07603	0.06352	AVRG		0.07778		9.80043	
12 Chloroethane	0.09302	0.09881	0.09836	0.10057	0.09941	0.08592	AVRG		0.09601		5.82401	
13 Trichlorofluoromethane	0.24326	0.24258	0.23145	0.23979	0.25069	0.23622	AVRG		0.24066		2.73365	
14 Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
15 Acrolein	0.03033	0.03087	0.03219	0.03222	0.02979	0.03003	AVRG		0.03091		3.46624	
16 Acetone	35142	50199	73762	196772	514735	944584	LINR	0.10234	0.12172		0.99287	

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Cal Date : 03-Jun-2004 16:57 macenczaks

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	17 1,1-Dichloroethene	0.17050	0.17400	0.16879	0.17467	0.17255	0.16525	AVRG		0.17096		2.07798
	18 Freon-113	0.08449	0.09114	0.08664	0.09059	0.09633	0.09647	AVRG		0.09094		5.38393
	19 Iodomethane	0.24794	0.25230	0.25316	0.25909	0.25260	0.23913	AVRG		0.25070		2.67002
	20 Carbon Disulfide	0.52400	0.55228	0.55817	0.57337	0.57312	0.55324	AVRG		0.55570		3.26306
	21 Methylene Chloride	33717	58174	101746	243613	435959	829741	QUAD	-0.04412	4.47110	0.46599	0.99997
	22 Acetonitrile	0.02271	0.02163	0.02271	0.02233	0.02131	0.02214	AVRG		0.02214		2.58254
	23 Acrylonitrile	0.08058	0.07792	0.08012	0.08113	0.07965	0.08399	AVRG		0.08056		2.48791
	24 Methyl tert-butyl ether	0.63729	0.68570	0.69016	0.66678	0.61112	0.66072	AVRG		0.65863		4.56019
	25 trans-1,2-Dichloroethene	0.22387	0.23022	0.22716	0.23491	0.24071	0.23743	AVRG		0.23238		2.76014
	26 Hexane	0.06513	0.06129	0.06919	0.06652	0.06808	0.06956	AVRG		0.06663		4.65327
	27 Vinyl acetate	0.44401	0.48579	0.52073	0.54547	0.52986	0.57608	AVRG		0.51699		8.98184
	28 1,1-Dichloroethane	0.43830	0.45518	0.44479	0.45987	0.46222	0.47194	AVRG		0.45538		2.68030
	29 tert-Butyl Alcohol	0.02075	0.02287	0.02354	0.02370	0.02257	0.02476	AVRG		0.02303		5.86067
	30 2-Butanone	0.15984	0.13689	0.12511	0.13543	0.16514	0.15812	AVRG		0.14675		11.12462
M	31 1,2-Dichloroethene (total)	0.23732	0.24351	0.23728	0.24441	0.24737	0.24666	AVRG		0.24276		1.83598
	32 cis-1,2-dichloroethene	0.25077	0.25681	0.24741	0.25391	0.25403	0.25589	AVRG		0.25314		1.37868
	33 2,2-Dichloropropane	0.23346	0.25223	0.25118	0.25811	0.25520	0.24006	AVRG		0.24837		3.84370

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Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
34 Bromochloromethane	0.11013	0.11950	0.11455	0.11943	0.11649	0.11830	AVRG		0.11640		3.10113	
35 Chloroform	0.40162	0.41503	0.40814	0.42678	0.42758	0.43368	AVRG		0.41880		2.99208	
36 Tetrahydrofuran	0.08031	0.08212	0.08123	0.08117	0.07690	0.08528	AVRG		0.08117		3.34215	
37 1,1,1-Trichloroethane	0.31287	0.33460	0.33334	0.34540	0.35026	0.34697	AVRG		0.33724		4.08058	
38 1,1-Dichloropropene	0.30904	0.31281	0.32821	0.33609	0.34190	0.34922	AVRG		0.32954		4.86470	
39 Carbon Tetrachloride	0.27521	0.28748	0.28851	0.30608	0.31537	0.31660	AVRG		0.29821		5.67686	
40 1,2-Dichloroethane	0.36901	0.37631	0.37129	0.37630	0.37040	0.38028	AVRG		0.37393		1.16718	
41 Benzene	0.97304	1.01403	0.97565	1.00725	1.00678	1.02037	AVRG		0.99952		2.01547	
42 Trichloroethene	0.24218	0.24438	0.24075	0.25133	0.25223	0.25097	AVRG		0.24697		2.07209	
43 1,2-Dichloropropane	0.24321	0.26128	0.25385	0.26058	0.25868	0.25832	AVRG		0.25599		2.64758	
44 1,4-Dioxane	0.00197	0.00216	0.00216	0.00216	0.00208	0.00214	AVRG		0.00211		3.59447	<-
45 Dibromomethane	0.13304	0.13773	0.13326	0.13295	0.13225	0.13357	AVRG		0.13380		1.47480	
46 Bromodichloromethane	0.27636	0.29904	0.30592	0.31895	0.31771	0.32887	AVRG		0.30781		6.05227	
47 2-Chloroethyl vinyl ether	0.11829	0.11720	0.12509	0.13171	0.12782	0.13376	AVRG		0.12565		5.43353	
48 cis-1,3-Dichloropropene	0.35346	0.38142	0.38947	0.41805	0.40964	0.42019	AVRG		0.39537		6.51722	
49 4-Methyl-2-pentanone	0.21079	0.21854	0.23575	0.24297	0.24929	0.25373	AVRG		0.23518		7.30466	
50 Toluene	1.62817	1.62978	1.58573	1.63970	1.72218	1.79408	AVRG		1.66661		4.60392	

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	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	51 trans-1,3-Dichloropropene	0.48719	0.51785	0.54320	0.58498	0.59994	0.64013	AVRG		0.56221		10.05288
	52 Ethyl Methacrylate	0.39284	0.45292	0.47599	0.51857	0.52957	0.56857	AVRG		0.48974		12.77297
	53 1,1,2-Trichloroethane	0.30097	0.30494	0.29818	0.30615	0.30834	0.32519	AVRG		0.30730		3.09106
	54 1,3-Dichloropropane	0.56518	0.57455	0.55557	0.57398	0.57900	0.60155	AVRG		0.57497		2.69032
	55 Tetrachloroethene	0.28843	0.27279	0.27204	0.28029	0.29446	0.30012	AVRG		0.28469		4.06219
	56 2-Hexanone	0.25330	0.25143	0.24740	0.26679	0.33081	0.32218	AVRG		0.27865		13.53913
	57 Dibromochloromethane	0.27068	0.30841	0.30679	0.33215	0.34016	0.35706	AVRG		0.31921		9.56923
	58 1,2-Dibromoethane	0.28650	0.28259	0.28581	0.29668	0.29421	0.30894	AVRG		0.29245		3.31369
	59 Chlorobenzene	0.95794	0.96782	0.93786	0.97423	0.99825	0.99721	AVRG		0.97222		2.39453
	60 1,1,1,2-Tetrachloroethane	0.29517	0.32000	0.31232	0.33268	0.33535	0.34004	AVRG		0.32259		5.24859
	61 Ethylbenzene	0.46700	0.51068	0.49005	0.51384	0.53460	0.52438	AVRG		0.50676		4.84314
	62 m + p-Xylene	0.61928	0.62355	0.61292	0.62938	0.64369	0.62692	AVRG		0.62596		1.67167
M	63 Xylenes (total)	0.60284	0.61036	0.60265	0.61539	0.62884	0.60753	AVRG		0.61127		1.61268
	64 Xylene-o	0.56996	0.58399	0.58209	0.58741	0.59913	0.56876	AVRG		0.58189		1.95438
	65 Styrene	0.91593	0.96659	0.98837	1.02124	1.02956	0.99840	AVRG		0.98668		4.19897
	66 Bromoform	0.14879	0.15609	0.16887	0.17912	0.18309	0.18893	AVRG		0.17081		9.26962
	67 Isopropylbenzene	1.37285	1.37592	1.36454	1.40563	1.45399	1.40704	AVRG		1.39666		2.37545

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Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
68 1,1,2,2-Tetrachloroethane	0.76140	0.82926	0.84984	0.89203	0.83907	0.86961	AVRG		0.84020		5.31570
69 1,4-Dichloro-2-butene	0.27719	0.28142	0.30462	0.31901	0.31547	0.33082	AVRG		0.30476		7.04042
70 1,2,3-Trichloropropane	0.29708	0.29277	0.31334	0.30184	0.28431	0.28989	AVRG		0.29654		3.43505
71 Bromobenzene	0.94701	0.93557	0.96488	0.98805	0.94563	0.90915	AVRG		0.94838		2.81279
72 n-Propylbenzene	0.99678	1.02712	1.06883	1.10005	1.10538	1.06683	AVRG		1.06083		3.96854
73 2-Chlorotoluene	0.83836	0.90713	0.89951	0.92831	0.91088	0.87810	AVRG		0.89372		3.54310
74 1,3,5-Trimethylbenzene	2.91064	2.99354	3.06891	3.17678	3.18796	3.15022	AVRG		3.08134		3.62024
75 4-Chlorotoluene	0.84956	0.87814	0.92080	0.90555	0.89927	0.87216	AVRG		0.88758		2.90989
76 tert-Butylbenzene	2.53583	2.65424	2.70497	2.78602	2.81401	2.75656	AVRG		2.70860		3.77315
77 1,2,4-Trimethylbenzene	2.77515	2.90981	2.99476	3.08977	3.12746	3.15204	AVRG		3.00817		4.83431
78 sec-Butylbenzene	3.51363	3.61284	3.74553	3.82296	3.94955	3.95832	AVRG		3.76714		4.77057
79 4-Isopropyltoluene	2.64053	2.78000	2.94778	3.01146	3.14758	3.20208	AVRG		2.95490		7.27241
80 1,3-Dichlorobenzene	1.43552	1.48313	1.49224	1.54720	1.53943	1.55921	AVRG		1.50946		3.14314
81 1,4-Dichlorobenzene	1.51165	1.47333	1.51290	1.54103	1.53326	1.54807	AVRG		1.52004		1.79054
82 n-Butylbenzene	2.15350	2.30408	2.42515	2.59369	2.78475	2.88289	AVRG		2.52401		11.16473
83 1,2-Dichlorobenzene	1.33968	1.31691	1.35038	1.39572	1.38850	1.44023	AVRG		1.37190		3.26586
84 1,2-Dibromo-3-chloropropane	2196	5473	11402	31105	60424	130204	QUAD	0.02875	7.43570	-2.12925	0.99993

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85 1,2,4-Trichlorobenzene	0.76253	0.77194	0.79011	0.88553	0.94316	1.01408	AVRG		0.86122		12.00374	
86 Hexachlorobutadiene	0.45303	0.43881	0.45175	0.49271	0.52425	0.54284	AVRG		0.48390		8.86413	
87 Naphthalene	1.84030	1.98548	2.08599	2.31178	2.35097	2.59956	AVRG		2.19568		12.60874	
88 1,2,3-Trichlorobenzene	0.67672	0.75958	0.77545	0.86418	0.89239	0.94005	AVRG		0.81806		11.94523	
89 Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
92 Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
93 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
94 Propionitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
95 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
96 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
97 Isobutanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
98 Cyclohexane	0.40882	0.41428	0.41998	0.42794	0.44529	0.44172	AVRG		0.42634		3.46528	
99 n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
100 Methyl Methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
101 2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

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	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	103 Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	141 1,3,5-Trichlorobenzene	0.86750	0.85399	0.86481	0.95693	1.03091	1.10218	AVRG		0.94605		10.87671	
	143 Methyl Acetate	0.17286	0.17986	0.17930	0.18236	0.17828	0.19237	AVRG		0.18084		3.57400	
	144 Methylcyclohexane	0.40492	0.41151	0.42477	0.44296	0.45071	0.44075	AVRG		0.42927		4.30519	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	146 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	147 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

Report Date : 03-Jun-2004 17:00

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Cal Date : 03-Jun-2004 16:57 macenczaks

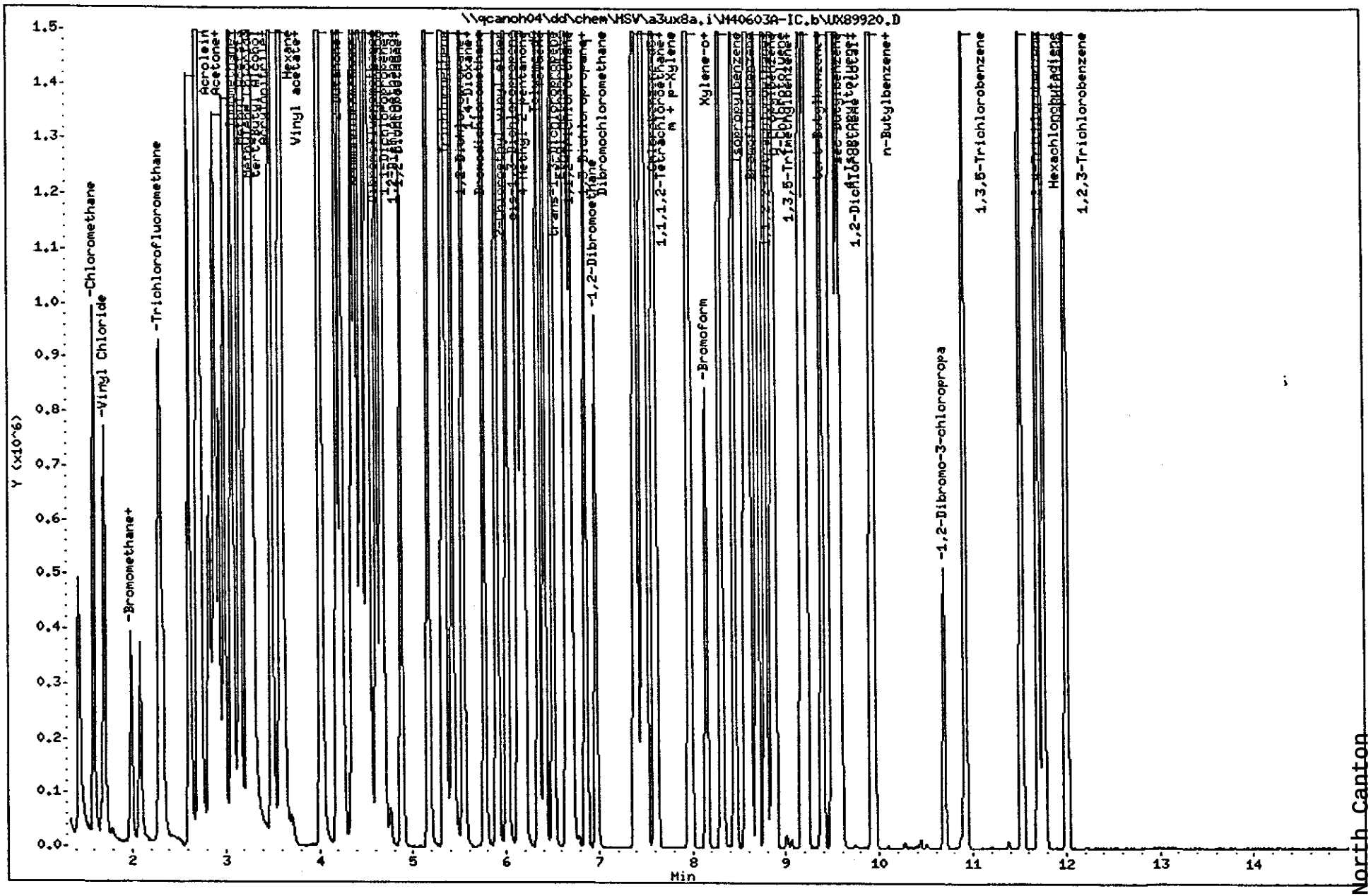
Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
148 n-Butyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
149 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
150 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
151 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
152 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
$ 4 Dibromofluoromethane	0.21363	0.21123	0.21254	0.21689	0.21468	0.21659	AVRG		0.21426		1.04484	
$ 5 1,2-Dichloroethane-d4	0.31268	0.30643	0.30120	0.29441	0.28609	0.30009	AVRG		0.30015		3.08345	
$ 6 Toluene-d8	0.90303	0.86771	0.85874	0.91822	0.89179	0.86271	AVRG		0.88370		2.74870	
$ 7 Bromofluorobenzene	0.50012	0.46781	0.44165	0.43232	0.42040	0.41081	AVRG		0.44552		7.44658	

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\M40603A-IC.b\UX89920.D
Date : 03-JUN-2004 15:20
Client ID:
Sample Info: 1000NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i

Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D
Report Date: 03-Jun-2004 16:54

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D
Lab Smp Id: 1000NG-IC
Inj Date : 03-JUN-2004 15:20
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 1000NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 16:54 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 15:20 Cal File: UX89920.D
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.880	4.880	(1.000)	996829	250.000	
* 2 Chlorobenzene-d5	117	7.381	7.381	(1.000)	575475	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.559	9.559	(1.000)	197772	250.000	
$ 4 Dibromofluoromethane	113	4.363	4.363	(0.894)	863611	1000.00	1000.0
$ 5 1,2-Dichloroethane-d4	65	4.619	4.619	(0.946)	1196573	1000.00	1000.0
$ 6 Toluene-d8	98	6.140	6.140	(1.258)	3439893	1000.00	1000.0
$ 7 Bromofluorobenzene	95	8.451	8.451	(1.145)	945646	1000.00	1000.0
8 Dichlorodifluoromethane	85	1.431	1.431	(0.293)	687592	1000.00	1000.0
9 Chloromethane	50	1.595	1.595	(0.327)	964917	1000.00	1000.0
10 Vinyl Chloride	62	1.705	1.705	(0.349)	762967	1000.00	1000.0
11 Bromomethane	94	1.991	1.991	(0.408)	253269	1000.00	1000.0
12 Chloroethane	64	2.088	2.088	(0.428)	342606	1000.00	1000.0
13 Trichlorofluoromethane	101	2.301	2.301	(0.472)	941864	1000.00	1000.0
15 Acrolein	56	2.617	2.617	(0.536)	1197215	10000.0	10000
16 Acetone	43	2.733	2.733	(0.560)	944584	2000.00	2000.0
17 1,1-Dichloroethene	96	2.709	2.709	(0.555)	658899	1000.00	1000.0
18 Freon-113	151	2.727	2.727	(0.559)	384662	1000.00	1000.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D
Report Date: 03-Jun-2004 16:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.824	2.824	(0.579)	953490	1000.00	1000.0(A)
	20 Carbon Disulfide	76	2.885	2.885	(0.591)	2205939	1000.00	1000.0
	21 Methylene Chloride	84	3.068	3.068	(0.629)	829741	1000.00	1000.0
	22 Acetonitrile	41	2.934	2.934	(0.601)	882662	10000.0	10000
	23 Acrylonitrile	53	3.238	3.238	(0.663)	3349034	10000.0	10000
	24 Methyl tert-butyl ether	73	3.287	3.287	(0.673)	2634517	1000.00	1000.0(A)
	25 trans-1,2-Dichloroethene	96	3.281	3.281	(0.672)	946709	1000.00	1000.0(A)
	26 Hexane	86	3.493	3.493	(0.716)	277363	1000.00	1000.0
	27 Vinyl acetate	43	3.615	3.615	(0.741)	2297009	1000.00	1000.0
	28 1,1-Dichloroethane	63	3.591	3.591	(0.736)	1881765	1000.00	1000.0
	29 tert-Butyl Alcohol	59	3.153	3.153	(0.646)	1974377	20000.0	20000
	30 2-Butanone	43	4.011	4.011	(0.822)	1260910	2000.00	2000.0
M	31 1,2-Dichloroethene (total)	96				1967014	2000.00	2000.0
	32 cis-1,2-dichloroethene	96	4.017	4.017	(0.823)	1020305	1000.00	1000.0
	33 2,2-Dichloropropane	77	4.023	4.023	(0.824)	957206	1000.00	1000.0
	34 Bromochloromethane	128	4.193	4.193	(0.859)	471690	1000.00	1000.0
	35 Chloroform	83	4.248	4.248	(0.870)	1729203	1000.00	1000.0
	36 Tetrahydrofuran	42	4.236	4.236	(0.868)	340038	1000.00	1000.0
	37 1,1,1-Trichloroethane	97	4.406	4.406	(0.903)	1383467	1000.00	1000.0
	38 1,1-Dichloropropene	75	4.522	4.522	(0.926)	1392442	1000.00	1000.0(A)
	39 Carbon Tetrachloride	117	4.534	4.534	(0.929)	1262368	1000.00	1000.0
	40 1,2-Dichloroethane	62	4.680	4.680	(0.959)	1516287	1000.00	1000.0(A)
	41 Benzene	78	4.680	4.680	(0.959)	4068551	1000.00	1000.0
	42 Trichloroethene	130	5.172	5.172	(1.060)	1000679	1000.00	1000.0
	43 1,2-Dichloropropane	63	5.337	5.337	(1.093)	1029997	1000.00	1000.0
	44 1,4-Dioxane	88	5.428	5.428	(1.112)	426420	50000.0	50000
	45 Dibromomethane	93	5.428	5.428	(1.112)	532581	1000.00	1000.0
	46 Bromodichloromethane	83	5.544	5.544	(1.136)	1311295	1000.00	1000.0(A)
	47 2-Chloroethyl vinyl ether	63	5.769	5.769	(1.182)	1066697	2000.00	2000.0
	48 cis-1,3-Dichloropropene	75	5.903	5.903	(1.209)	1675437	1000.00	1000.0(A)
	49 4-Methyl-2-pentanone	43	6.012	6.012	(1.232)	2023407	2000.00	2000.0
	50 Toluene	91	6.195	6.195	(0.839)	4129791	1000.00	1000.0
	51 trans-1,3-Dichloropropene	75	6.353	6.353	(0.861)	1473522	1000.00	1000.0
	52 Ethyl Methacrylate	69	6.420	6.420	(0.870)	1308782	1000.00	1000.0
	53 1,1,2-Trichloroethane	97	6.511	6.511	(0.882)	748552	1000.00	1000.0(A)
	54 1,3-Dichloropropane	76	6.657	6.657	(0.902)	1384719	1000.00	1000.0(A)
	55 Tetrachloroethene	164	6.669	6.669	(0.904)	690848	1000.00	1000.0
	56 2-Hexanone	43	6.712	6.712	(0.909)	1483232	2000.00	2000.0
	57 Dibromochloromethane	129	6.864	6.864	(0.930)	821923	1000.00	1000.0
	58 1,2-Dibromoethane	107	6.973	6.973	(0.945)	711152	1000.00	1000.0
	59 Chlorobenzene	112	7.405	7.405	(1.003)	2295482	1000.00	1000.0
	60 1,1,1,2-Tetrachloroethane	131	7.472	7.472	(1.012)	782734	1000.00	1000.0
	61 Ethylbenzene	106	7.502	7.502	(1.016)	1207075	1000.00	1000.0
	62 m + p-Xylene	106	7.606	7.606	(1.030)	2886192	2000.00	2000.0
M	63 Xylenes (total)	106				4195432	3000.00	3000.0
	64 Xylene-o	106	7.971	7.971	(1.080)	1309240	1000.00	1000.0
	65 Styrene	104	7.977	7.977	(1.081)	2298215	1000.00	1000.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89920.D
Report Date: 03-Jun-2004 16:54

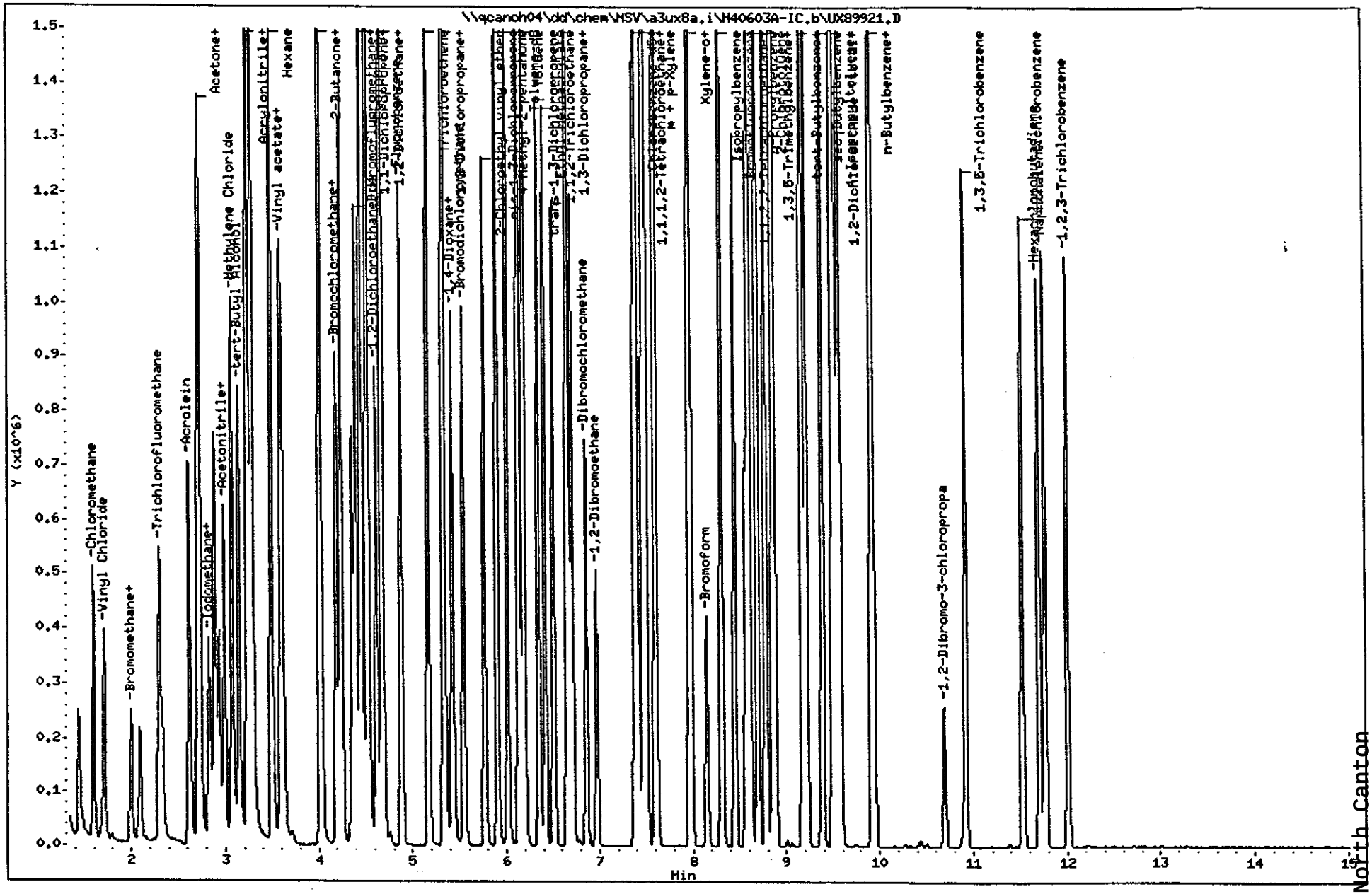
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
66 Bromoform	173	8.147	8.147	(1.104)	434895	1000.00	1000.0
67 Isopropylbenzene	105	8.305	8.305	(1.125)	3238857	1000.00	1000.0
68 1,1,2,2-Tetrachloroethane	83	8.567	8.567	(0.896)	687939	1000.00	1000.0
69 1,4-Dichloro-2-butene	53	8.622	8.622	(0.902)	261710	1000.00	1000.0
70 1,2,3-Trichloropropane	110	8.616	8.616	(0.901)	229325	1000.00	1000.0
71 Bromobenzene	156	8.604	8.604	(0.900)	719218	1000.00	1000.0
72 n-Propylbenzene	120	8.695	8.695	(0.910)	843955	1000.00	1000.0
73 2-Chlorotoluene	126	8.786	8.786	(0.919)	694657	1000.00	1000.0
74 1,3,5-Trimethylbenzene	105	8.859	8.859	(0.927)	2492103	1000.00	1000.0
75 4-Chlorotoluene	126	8.883	8.883	(0.929)	689959	1000.00	1000.0(A)
76 tert-Butylbenzene	119	9.175	9.175	(0.960)	2180678	1000.00	1000.0
77 1,2,4-Trimethylbenzene	105	9.224	9.224	(0.965)	2493543	1000.00	1000.0
78 sec-Butylbenzene	105	9.388	9.388	(0.982)	3131381	1000.00	1000.0
79 4-Isopropyltoluene	119	9.528	9.528	(0.997)	2533127	1000.00	1000.0
80 1,3-Dichlorobenzene	146	9.498	9.498	(0.994)	1233476	1000.00	1000.0(A)
81 1,4-Dichlorobenzene	146	9.583	9.583	(1.003)	1224662	1000.00	1000.0
82 n-Butylbenzene	91	9.924	9.924	(1.038)	2280619	1000.00	1000.0
83 1,2-Dichlorobenzene	146	9.942	9.942	(1.040)	1139348	1000.00	1000.0
84 1,2-Dibromo-3-chloropropane	157	10.696	10.696	(1.119)	130204	1000.00	1000.0
85 1,2,4-Trichlorobenzene	180	11.530	11.530	(1.206)	802225	1000.00	1000.0
86 Hexachlorobutadiene	225	11.706	11.706	(1.225)	429434	1000.00	1000.0
87 Naphthalene	128	11.767	11.767	(1.231)	2056481	1000.00	1000.0
88 1,2,3-Trichlorobenzene	180	12.010	12.010	(1.256)	743660	1000.00	1000.0
98 Cyclohexane	56	4.461	4.461	(0.914)	1761293	1000.00	1000.0(A)
143 Methyl Acetate	43	2.989	2.989	(0.612)	1534097	2000.00	2000.0
144 Methylcyclohexane	83	5.337	5.337	(1.093)	1757419	1000.00	1000.0
141 1,3,5-Trichlorobenzene	180	10.921	10.921	(1.143)	871921	1000.00	1000.0

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Date : 03-JUN-2004 15:45
Client ID:
Sample Info: 500NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Report Date: 03-Jun-2004 16:55

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Lab Smp Id: 500NG-IC
Inj Date : 03-JUN-2004 15:45
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 500NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 16:54 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 15:45 Cal File: UX89921.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

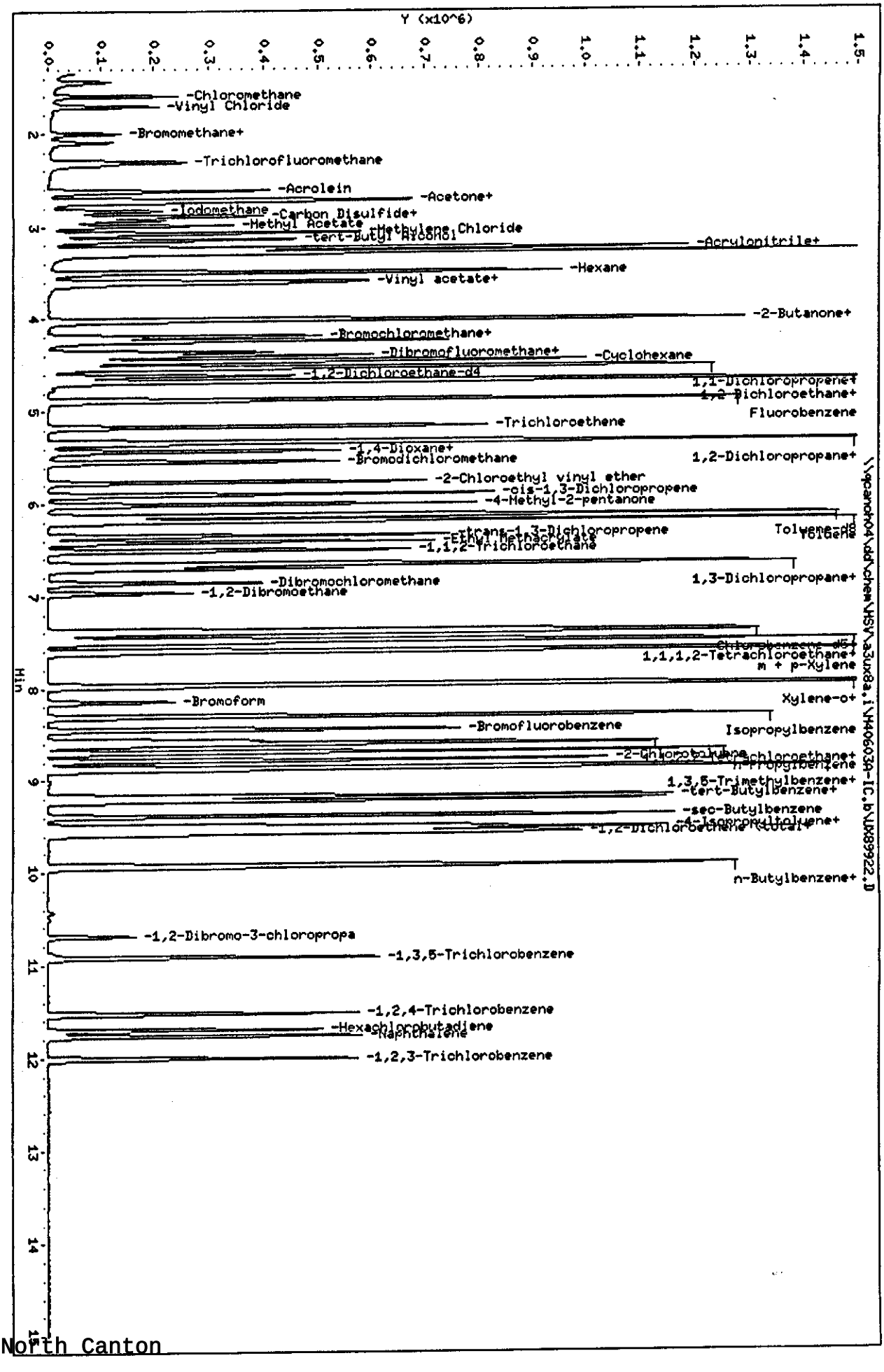
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.884	4.884	(1.000)	998498	250.000	
*	2 Chlorobenzene-d5	117	7.384	7.384	(1.000)	607785	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.556	9.556	(1.000)	210321	250.000	
$	4 Dibromofluoromethane	113	4.367	4.367	(0.894)	428719	500.000	497.79
$	5 1,2-Dichloroethane-d4	65	4.622	4.622	(0.946)	571315	500.000	488.05
$	6 Toluene-d8	98	6.137	6.137	(1.257)	1780897	500.000	508.29
$	7 Bromofluorobenzene	95	8.449	8.449	(1.144)	511021	500.000	505.76
	8 Dichlorodifluoromethane	85	1.434	1.434	(0.294)	336832	500.000	494.46
	9 Chloromethane	50	1.593	1.593	(0.326)	443115	500.000	478.33
	10 Vinyl Chloride	62	1.708	1.708	(0.350)	370169	500.000	492.06
	11 Bromomethane	94	2.000	2.000	(0.410)	151830	500.000	544.82
	12 Chloroethane	64	2.091	2.091	(0.428)	198517	500.000	536.38
	13 Trichlorofluoromethane	101	2.304	2.304	(0.472)	500632	500.000	514.87
	15 Acrolein	56	2.615	2.615	(0.535)	594972	5000.00	4980.6
	16 Acetone	43	2.736	2.736	(0.560)	514735	1000.00	1042.2
	17 1,1-Dichloroethene	96	2.712	2.712	(0.555)	344584	500.000	510.81
	18 Freon-113	151	2.730	2.730	(0.559)	192362	500.000	499.62

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Report Date: 03-Jun-2004 16:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.828	2.828	(0.579)	504433	500.000	513.69
	20 Carbon Disulfide	76	2.888	2.888	(0.591)	1144510	500.000	508.82
	21 Methylene Chloride	84	3.071	3.071	(0.629)	435959	500.000	511.97
	22 Acetonitrile	41	2.937	2.937	(0.601)	425506	5000.00	4904.5
	23 Acrylonitrile	53	3.241	3.241	(0.664)	1590564	5000.00	4867.2
	24 Methyl tert-butyl ether	73	3.284	3.284	(0.672)	1220397	500.000	480.50
	25 trans-1,2-Dichloroethene	96	3.284	3.284	(0.672)	480693	500.000	503.43
	26 Hexane	86	3.497	3.497	(0.716)	135960	500.000	494.63
	27 Vinyl acetate	43	3.612	3.612	(0.740)	1058130	500.000	479.10
	28 1,1-Dichloroethane	63	3.588	3.588	(0.735)	923042	500.000	494.80
	29 tert-Butyl Alcohol	59	3.144	3.144	(0.644)	901383	10000.0	9537.3
	30 2-Butanone	43	4.008	4.008	(0.821)	659584	1000.00	1021.7
M	31 1,2-Dichloroethene (total)	96				987982	1000.00	1001.6
	32 cis-1,2-dichloroethene	96	4.020	4.020	(0.823)	507289	500.000	498.17
	33 2,2-Dichloropropane	77	4.026	4.026	(0.824)	509633	500.000	515.28
	34 Bromochloromethane	128	4.196	4.196	(0.859)	232633	500.000	496.15
	35 Chloroform	83	4.245	4.245	(0.869)	853884	500.000	496.46
	36 Tetrahydrofuran	42	4.233	4.233	(0.867)	153563	500.000	474.16
	37 1,1,1-Trichloroethane	97	4.403	4.403	(0.902)	699472	500.000	502.36
	38 1,1-Dichloropropene	75	4.525	4.525	(0.926)	682777	500.000	494.71
	39 Carbon Tetrachloride	117	4.537	4.537	(0.929)	629800	500.000	499.03
	40 1,2-Dichloroethane	62	4.677	4.677	(0.958)	739685	500.000	493.42
	41 Benzene	78	4.683	4.683	(0.959)	2010540	500.000	496.65
	42 Trichloroethene	130	5.170	5.170	(1.059)	503693	500.000	501.25
	43 1,2-Dichloropropane	63	5.340	5.340	(1.093)	516576	500.000	500.35
	44 1,4-Dioxane	88	5.425	5.425	(1.111)	207388	25000.0	24633
	45 Dibromomethane	93	5.431	5.431	(1.112)	264107	500.000	497.52
	46 Bromodichloromethane	83	5.547	5.547	(1.136)	634459	500.000	491.37
	47 2-Chloroethyl vinyl ether	63	5.766	5.766	(1.181)	510503	1000.00	977.28
	48 cis-1,3-Dichloropropene	75	5.906	5.906	(1.209)	818056	500.000	493.64
	49 4-Methyl-2-pentanone	43	6.009	6.009	(1.230)	995652	1000.00	991.17
	50 Toluene	91	6.192	6.192	(0.839)	2093436	500.000	489.78
	51 trans-1,3-Dichloropropene	75	6.350	6.350	(0.860)	729265	500.000	483.79
	52 Ethyl Methacrylate	69	6.417	6.417	(0.869)	643735	500.000	482.25
	53 1,1,2-Trichloroethane	97	6.514	6.514	(0.882)	374804	500.000	486.70
	54 1,3-Dichloropropane	76	6.660	6.660	(0.902)	703810	500.000	490.44
	55 Tetrachloroethene	164	6.666	6.666	(0.903)	357941	500.000	495.24
	56 2-Hexanone	43	6.709	6.709	(0.909)	804255	1000.00	1013.2
	57 Dibromochloromethane	129	6.861	6.861	(0.929)	413484	500.000	487.88
	58 1,2-Dibromoethane	107	6.970	6.970	(0.944)	357633	500.000	487.79
	59 Chlorobenzene	112	7.408	7.408	(1.003)	1213437	500.000	500.26
	60 1,1,1,2-Tetrachloroethane	131	7.469	7.469	(1.012)	407642	500.000	496.53
	61 Ethylbenzene	106	7.500	7.500	(1.016)	649846	500.000	504.82
	62 m + p-Xylene	106	7.603	7.603	(1.030)	1564905	1000.00	1013.2
M	63 Xylenes (total)	106				2293188	1500.00	1526.2
	64 Xylene-o	106	7.968	7.968	(1.079)	728283	500.000	513.00
	65 Styrene	104	7.974	7.974	(1.080)	1251503	500.000	507.68

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89921.D
Report Date: 03-Jun-2004 16:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.151	8.151	(1.104)	222553	500.000	492.15
67 Isopropylbenzene	105	8.309	8.309	(1.125)	1767430	500.000	508.21
68 1,1,2,2-Tetrachloroethane	83	8.564	8.564	(0.896)	352946	500.000	491.06
69 1,4-Dichloro-2-butene	53	8.619	8.619	(0.902)	132701	500.000	488.12
70 1,2,3-Trichloropropane	110	8.613	8.613	(0.901)	119592	500.000	495.14
71 Bromobenzene	156	8.601	8.601	(0.900)	397771	500.000	509.83
72 n-Propylbenzene	120	8.698	8.698	(0.910)	464970	500.000	508.87
73 2-Chlorotoluene	126	8.783	8.783	(0.919)	383156	500.000	509.16
74 1,3,5-Trimethylbenzene	105	8.862	8.862	(0.927)	1340988	500.000	502.98
75 4-Chlorotoluene	126	8.887	8.887	(0.930)	378271	500.000	507.65
76 tert-Butylbenzene	119	9.179	9.179	(0.961)	1183692	500.000	505.16
77 1,2,4-Trimethylbenzene	105	9.221	9.221	(0.965)	1315543	500.000	498.04
78 sec-Butylbenzene	105	9.386	9.386	(0.982)	1661348	500.000	499.44
79 4-Isopropyltoluene	119	9.525	9.525	(0.997)	1324006	500.000	495.71
80 1,3-Dichlorobenzene	146	9.495	9.495	(0.994)	647550	500.000	496.81
81 1,4-Dichlorobenzene	146	9.580	9.580	(1.003)	644952	500.000	497.60
82 n-Butylbenzene	91	9.927	9.927	(1.039)	1171382	500.000	491.34
83 1,2-Dichlorobenzene	146	9.945	9.945	(1.041)	584061	500.000	490.86
84 1,2-Dibromo-3-chloropropane	157	10.700	10.700	(1.120)	60424	500.000	466.03
85 1,2,4-Trichlorobenzene	180	11.527	11.527	(1.206)	396732	500.000	481.88
86 Hexachlorobutadiene	225	11.703	11.703	(1.225)	220523	500.000	491.29
87 Naphthalene	128	11.764	11.764	(1.231)	988917	500.000	474.89
88 1,2,3-Trichlorobenzene	180	12.014	12.014	(1.257)	375377	500.000	487.00
98 Cyclohexane	56	4.464	4.464	(0.914)	889240	500.000	502.01
143 Methyl Acetate	43	2.992	2.992	(0.613)	712038	1000.00	961.97
144 Methylcyclohexane	83	5.340	5.340	(1.093)	900071	500.000	505.59
141 1,3,5-Trichlorobenzene	180	10.919	10.919	(1.143)	433645	500.000	483.29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Date : 03-JUN-2004 16:09
Client ID:
Sample Info: 250NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18
\\qcanon04\dd\chem\VHSV\a3ux8a.i\VH406030-IC.b\UX89922.D
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane+
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide+
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
-Cyclohexane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene
Toluene-d8
Toluene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
-2-Chlorotoluene
1,2,2-Tetrachloroethane+
n-Propylbenzene
1,3,5-Trimethylbenzene+
-tert-Butylbenzene+
-sec-Butylbenzene
4-Isopropyltoluene+
-1,2-Dichloroethene (total)+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Report Date: 03-Jun-2004 16:55

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Lab Smp Id: 250NG-IC
Inj Date : 03-JUN-2004 16:09
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 250NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 16:55 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 16:09 Cal File: UX89922.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.881	4.881	(1.000)	1060090	250.000	
* 2 Chlorobenzene-d5	117	7.381	7.381	(1.000)	671910	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.559	9.559	(1.000)	223787	250.000	
$ 4 Dibromofluoromethane	113	4.364	4.364	(0.894)	229928	250.000	250.97
$ 5 1,2-Dichloroethane-d4	65	4.619	4.619	(0.946)	312101	250.000	250.75
$ 6 Toluene-d8	98	6.140	6.140	(1.258)	973396	250.000	257.66
$ 7 Bromofluorobenzene	95	8.452	8.452	(1.145)	290480	250.000	256.61
8 Dichlorodifluoromethane	85	1.438	1.438	(0.295)	159011	250.000	229.07
9 Chloromethane	50	1.590	1.590	(0.326)	213457	250.000	227.01
10 Vinyl Chloride	62	1.705	1.705	(0.349)	186247	250.000	238.54
11 Bromomethane	94	2.003	2.003	(0.411)	83428	250.000	270.45
12 Chloroethane	64	2.095	2.095	(0.429)	106608	250.000	263.81
13 Trichlorofluoromethane	101	2.308	2.308	(0.473)	254196	250.000	247.48
15 Acrolein	56	2.618	2.618	(0.536)	341564	2500.00	2625.5
16 Acetone	43	2.733	2.733	(0.560)	196772	500.000	409.29
17 1,1-Dichloroethene	96	2.715	2.715	(0.556)	185169	250.000	255.63
18 Freon-113	151	2.733	2.733	(0.560)	96036	250.000	239.76

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Report Date: 03-Jun-2004 16:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.831	2.831	(0.580)	274657	250.000	258.81
	20 Carbon Disulfide	76	2.892	2.892	(0.592)	607823	250.000	253.00
	21 Methylene Chloride	84	3.068	3.068	(0.629)	243613	250.000	262.65
	22 Acetonitrile	41	2.934	2.934	(0.601)	236740	2500.00	2546.4
	23 Acrylonitrile	53	3.238	3.238	(0.663)	860004	2500.00	2485.8
	24 Methyl tert-butyl ether	73	3.281	3.281	(0.672)	706846	250.000	257.96
	25 trans-1,2-Dichloroethene	96	3.287	3.287	(0.673)	249029	250.000	247.08
	26 Hexane	86	3.494	3.494	(0.716)	70516	250.000	244.36
	27 Vinyl acetate	43	3.616	3.616	(0.741)	578250	250.000	247.73
	28 1,1-Dichloroethane	63	3.591	3.591	(0.736)	487501	250.000	247.41
	29 tert-Butyl Alcohol	59	3.141	3.141	(0.644)	502449	5000.00	5004.9
	30 2-Butanone	43	4.011	4.011	(0.822)	287138	500.000	442.88
M	31 1,2-Dichloroethene (total)	96				518193	500.000	496.40
	32 cis-1,2-dichloroethene	96	4.017	4.017	(0.823)	269164	250.000	249.31
	33 2,2-Dichloropropane	77	4.023	4.023	(0.824)	273617	250.000	256.95
	34 Bromochloromethane	128	4.193	4.193	(0.859)	126610	250.000	252.88
	35 Chloroform	83	4.248	4.248	(0.870)	452421	250.000	248.50
	36 Tetrahydrofuran	42	4.236	4.236	(0.868)	86049	250.000	250.17
	37 1,1,1-Trichloroethane	97	4.406	4.406	(0.903)	366159	250.000	248.46
	38 1,1-Dichloropropene	75	4.528	4.528	(0.928)	356281	250.000	245.39
	39 Carbon Tetrachloride	117	4.534	4.534	(0.929)	324471	250.000	244.72
	40 1,2-Dichloroethane	62	4.680	4.680	(0.959)	398916	250.000	250.43
	41 Benzene	78	4.680	4.680	(0.959)	1067773	250.000	248.96
	42 Trichloroethene	130	5.167	5.167	(1.059)	266433	250.000	249.82
	43 1,2-Dichloropropane	63	5.337	5.337	(1.093)	276236	250.000	251.34
	44 1,4-Dioxane	88	5.428	5.428	(1.112)	114650	12500.0	12716
	45 Dibromomethane	93	5.428	5.428	(1.112)	140936	250.000	250.05
	46 Bromodichloromethane	83	5.544	5.544	(1.136)	338117	250.000	247.75
	47 2-Chloroethyl vinyl ether	63	5.769	5.769	(1.182)	279257	500.000	502.35
	48 cis-1,3-Dichloropropene	75	5.903	5.903	(1.209)	443169	250.000	251.25
	49 4-Methyl-2-pentanone	43	6.012	6.012	(1.232)	515137	500.000	488.55
	50 Toluene	91	6.195	6.195	(0.839)	1101729	250.000	238.51
	51 trans-1,3-Dichloropropene	75	6.353	6.353	(0.861)	393055	250.000	240.40
	52 Ethyl Methacrylate	69	6.420	6.420	(0.870)	348430	250.000	240.57
	53 1,1,2-Trichloroethane	97	6.511	6.511	(0.882)	205706	250.000	244.35
	54 1,3-Dichloropropane	76	6.657	6.657	(0.902)	385661	250.000	245.36
	55 Tetrachloroethene	164	6.669	6.669	(0.904)	188329	250.000	240.28
	56 2-Hexanone	43	6.712	6.712	(0.909)	358521	500.000	435.09
	57 Dibromochloromethane	129	6.864	6.864	(0.930)	223174	250.000	242.00
	58 1,2-Dibromoethane	107	6.974	6.974	(0.945)	199339	250.000	247.28
	59 Chlorobenzene	112	7.406	7.406	(1.003)	654594	250.000	246.04
	60 1,1,1,2-Tetrachloroethane	131	7.472	7.472	(1.012)	223532	250.000	247.51
	61 Ethylbenzene	106	7.503	7.503	(1.016)	345257	250.000	245.02
	62 m + p-Xylene	106	7.606	7.606	(1.030)	845773	500.000	496.88
M	63 Xylenes (total)	106				1240463	750.000	747.87
	64 Xylene-o	106	7.965	7.965	(1.079)	394690	250.000	250.99
	65 Styrene	104	7.977	7.977	(1.081)	686179	250.000	251.19

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89922.D
Report Date: 03-Jun-2004 16:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.148	8.148	(1.104)	120355	250.000	243.76
67 Isopropylbenzene	105	8.306	8.306	(1.125)	944457	250.000	247.08
68 1,1,2,2-Tetrachloroethane	83	8.567	8.567	(0.896)	199624	250.000	257.24
69 1,4-Dichloro-2-butene	53	8.616	8.616	(0.901)	71391	250.000	247.86
70 1,2,3-Trichloropropane	110	8.616	8.616	(0.901)	67547	250.000	258.41
71 Bromobenzene	156	8.598	8.598	(0.899)	221112	250.000	260.67
72 n-Propylbenzene	120	8.695	8.695	(0.910)	246176	250.000	252.13
73 2-Chlorotoluene	126	8.780	8.780	(0.919)	207744	250.000	256.22
74 1,3,5-Trimethylbenzene	105	8.859	8.859	(0.927)	710921	250.000	250.40
75 4-Chlorotoluene	126	8.884	8.884	(0.929)	202650	250.000	253.70
76 tert-Butylbenzene	119	9.176	9.176	(0.960)	623475	250.000	250.04
77 1,2,4-Trimethylbenzene	105	9.218	9.218	(0.964)	691450	250.000	247.33
78 sec-Butylbenzene	105	9.389	9.389	(0.982)	855529	250.000	244.42
79 4-Isopropyltoluene	119	9.523	9.523	(0.996)	673925	250.000	241.27
80 1,3-Dichlorobenzene	146	9.498	9.498	(0.994)	346243	250.000	249.77
81 1,4-Dichlorobenzene	146	9.583	9.583	(1.003)	344862	250.000	250.04
82 n-Butylbenzene	91	9.924	9.924	(1.038)	580433	250.000	235.47
83 1,2-Dichlorobenzene	146	9.942	9.942	(1.040)	312345	250.000	247.79
84 1,2-Dibromo-3-chloropropane	157	10.691	10.691	(1.118)	31105	250.000	233.09
85 1,2,4-Trichlorobenzene	180	11.530	11.530	(1.206)	198169	250.000	233.63
86 Hexachlorobutadiene	225	11.707	11.707	(1.225)	110262	250.000	236.91
87 Naphthalene	128	11.767	11.767	(1.231)	517347	250.000	238.74
88 1,2,3-Trichlorobenzene	180	12.011	12.011	(1.256)	193392	250.000	240.35
98 Cyclohexane	56	4.461	4.461	(0.914)	453653	250.000	244.08
143 Methyl Acetate	43	2.989	2.989	(0.612)	386633	500.000	494.64
144 Methylcyclohexane	83	5.337	5.337	(1.093)	469573	250.000	248.96
141 1,3,5-Trichlorobenzene	180	10.922	10.922	(1.143)	214148	250.000	232.26

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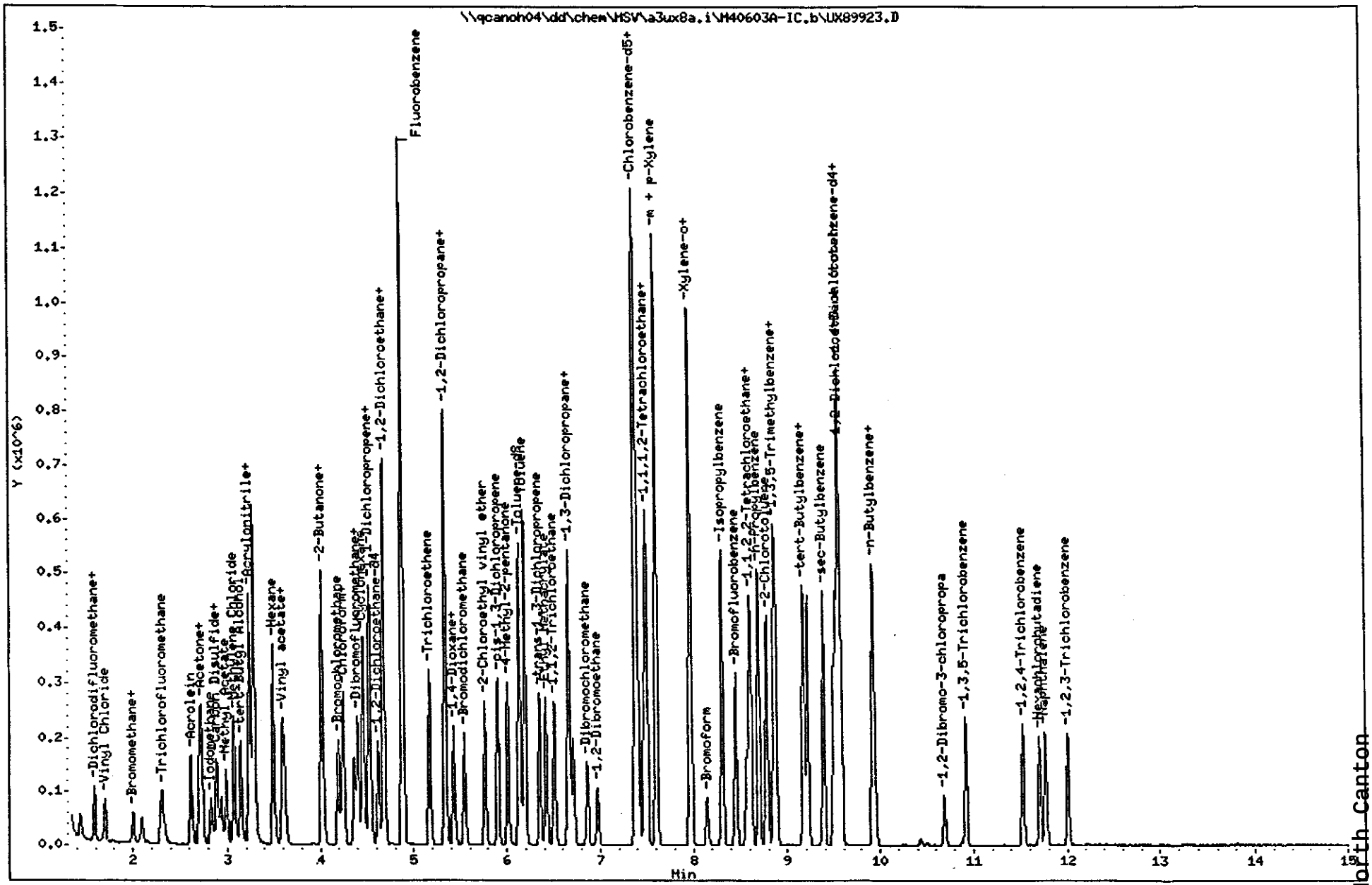
Date : 03-JUN-2004 16:33
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Report Date: 03-Jun-2004 16:56

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Lab Smp Id: 100NG-IC
Inj Date : 03-JUN-2004 16:33
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 100NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 16:56 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 16:33 Cal File: UX89923.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

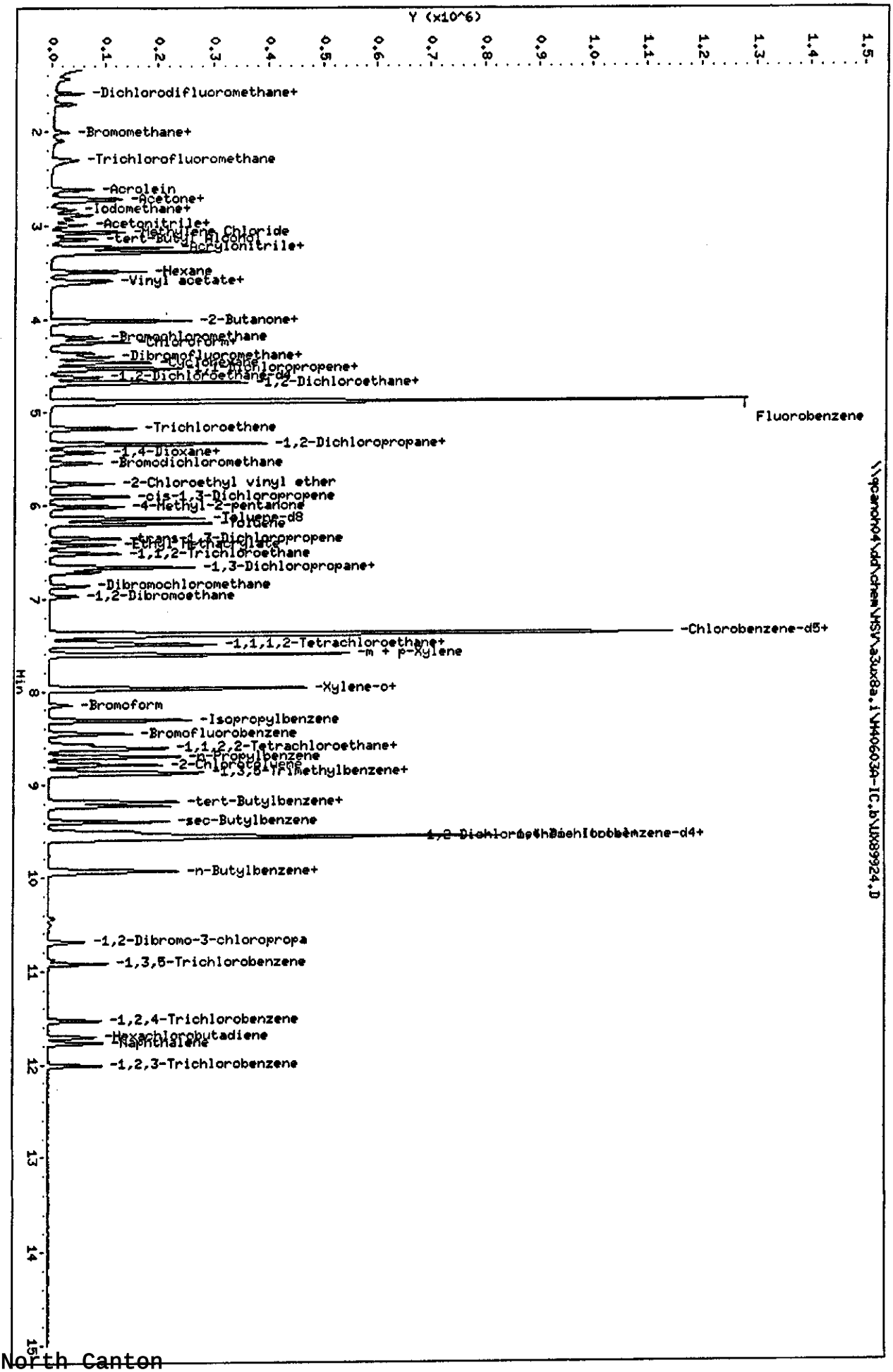
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.885	4.885	(1.000)	1065197	250.000	
*	2 Chlorobenzene-d5	117	7.379	7.379	(1.000)	686497	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.557	9.557	(1.000)	234144	250.000	
$	4 Dibromofluoromethane	113	4.361	4.361	(0.893)	90560	100.000	98.776
$	5 1,2-Dichloroethane-d4	65	4.623	4.623	(0.946)	128336	100.000	101.95
$	6 Toluene-d8	98	6.138	6.138	(1.257)	365892	100.000	97.268
$	7 Bromofluorobenzene	95	8.449	8.449	(1.145)	121277	100.000	103.60
	8 Dichlorodifluoromethane	85	1.435	1.435	(0.294)	60666	100.000	89.903
	9 Chloromethane	50	1.593	1.593	(0.326)	87643	100.000	94.471
	10 Vinyl Chloride	62	1.703	1.703	(0.349)	72863	100.000	94.557
	11 Bromomethane	94	2.001	2.001	(0.410)	35189	100.000	109.81
	12 Chloroethane	64	2.092	2.092	(0.428)	41911	100.000	102.39
	13 Trichlorofluoromethane	101	2.305	2.305	(0.472)	98616	100.000	96.624
	15 Acrolein	56	2.621	2.621	(0.537)	137175	1000.00	1036.6
	16 Acetone	43	2.737	2.737	(0.560)	73762	200.000	162.29
	17 1,1-Dichloroethene	96	2.713	2.713	(0.555)	71917	100.000	99.103
	18 Freon-113	151	2.731	2.731	(0.559)	36916	100.000	93.658

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Report Date: 03-Jun-2004 16:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.828	2.828	(0.579)	107868	100.000	100.86
	20 Carbon Disulfide	76	2.889	2.889	(0.592)	237823	100.000	98.883
	21 Methylene Chloride	84	3.072	3.072	(0.629)	101746	100.000	106.72
	22 Acetonitrile	41	2.938	2.938	(0.601)	96746	1000.00	1026.5
	23 Acrylonitrile	53	3.236	3.236	(0.662)	341367	1000.00	986.42
	24 Methyl tert-butyl ether	73	3.285	3.285	(0.672)	294063	100.000	105.02
	25 trans-1,2-Dichloroethene	96	3.285	3.285	(0.672)	96788	100.000	96.642
	26 Hexane	86	3.497	3.497	(0.716)	29481	100.000	101.25
	27 Vinyl acetate	43	3.613	3.613	(0.740)	221874	100.000	95.893
	28 1,1-Dichloroethane	63	3.589	3.589	(0.735)	189515	100.000	96.756
	29 tert-Butyl Alcohol	59	3.145	3.145	(0.644)	200606	2000.00	1991.5
	30 2-Butanone	43	4.008	4.008	(0.821)	106612	200.000	171.44
M	31 1,2-Dichloroethene (total)	96				202203	200.000	194.51
	32 cis-1,2-dichloroethene	96	4.015	4.015	(0.822)	105415	100.000	97.864
	33 2,2-Dichloropropane	77	4.027	4.027	(0.824)	107024	100.000	100.02
	34 Bromochloromethane	128	4.191	4.191	(0.858)	48808	100.000	97.746
	35 Chloroform	83	4.246	4.246	(0.869)	173901	100.000	96.250
	36 Tetrahydrofuran	42	4.234	4.234	(0.867)	34610	100.000	100.10
	37 1,1,1-Trichloroethane	97	4.404	4.404	(0.902)	142031	100.000	96.904
	38 1,1-Dichloropropene	75	4.526	4.526	(0.927)	139843	100.000	96.859
	39 Carbon Tetrachloride	117	4.538	4.538	(0.929)	122926	100.000	94.086
	40 1,2-Dichloroethane	62	4.678	4.678	(0.958)	158197	100.000	99.124
	41 Benzene	78	4.684	4.684	(0.959)	415703	100.000	97.320
	42 Trichloroethene	130	5.170	5.170	(1.059)	102579	100.000	96.758
	43 1,2-Dichloropropane	63	5.341	5.341	(1.093)	108158	100.000	98.445
	44 1,4-Dioxane	88	5.432	5.432	(1.112)	46020	5000.00	5059.5
	45 Dibromomethane	93	5.432	5.432	(1.112)	56778	100.000	100.19
	46 Bromodichloromethane	83	5.548	5.548	(1.136)	130347	100.000	96.244
	47 2-Chloroethyl vinyl ether	63	5.767	5.767	(1.181)	106594	200.000	193.04
	48 cis-1,3-Dichloropropene	75	5.907	5.907	(1.209)	165947	100.000	95.147
	49 4-Methyl-2-pentanone	43	6.016	6.016	(1.232)	200893	200.000	192.11
	50 Toluene	91	6.192	6.192	(0.839)	435440	100.000	94.085
	51 trans-1,3-Dichloropropene	75	6.351	6.351	(0.861)	149162	100.000	91.747
	52 Ethyl Methacrylate	69	6.418	6.418	(0.870)	130705	100.000	90.980
	53 1,1,2-Trichloroethane	97	6.509	6.509	(0.882)	81881	100.000	96.355
	54 1,3-Dichloropropane	76	6.661	6.661	(0.903)	152558	100.000	96.198
	55 Tetrachloroethene	164	6.667	6.667	(0.904)	74702	100.000	94.877
	56 2-Hexanone	43	6.710	6.710	(0.909)	135873	200.000	169.57
	57 Dibromochloromethane	129	6.862	6.862	(0.930)	84243	100.000	91.841
	58 1,2-Dibromoethane	107	6.971	6.971	(0.945)	78483	100.000	96.424
	59 Chlorobenzene	112	7.409	7.409	(1.004)	257536	100.000	96.005
	60 1,1,1,2-Tetrachloroethane	131	7.476	7.476	(1.013)	85762	100.000	94.614
	61 Ethylbenzene	106	7.500	7.500	(1.016)	134566	100.000	95.022
	62 m + p-Xylene	106	7.604	7.604	(1.031)	336616	200.000	195.13
M	63 Xylenes (total)	106				496457	300.000	294.74
	64 Xylene-o	106	7.969	7.969	(1.080)	159841	100.000	99.613
	65 Styrene	104	7.975	7.975	(1.081)	271405	100.000	97.917

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89923.D
Report Date: 03-Jun-2004 16:56

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.151	8.151	(1.105)	46372	100.000	93.816
67 Isopropylbenzene	105	8.309	8.309	(1.126)	374702	100.000	96.927
68 1,1,2,2-Tetrachloroethane	83	8.565	8.565	(0.896)	79594	100.000	98.517
69 1,4-Dichloro-2-butene	53	8.620	8.620	(0.902)	28530	100.000	95.949
70 1,2,3-Trichloropropane	110	8.614	8.614	(0.901)	29347	100.000	105.38
71 Bromobenzene	156	8.602	8.602	(0.900)	90368	100.000	101.36
72 n-Propylbenzene	120	8.699	8.699	(0.910)	100104	100.000	98.485
73 2-Chlorotoluene	126	8.784	8.784	(0.919)	84246	100.000	99.481
74 1,3,5-Trimethylbenzene	105	8.863	8.863	(0.927)	287427	100.000	97.551
75 4-Chlorotoluene	126	8.881	8.881	(0.929)	86240	100.000	102.37
76 tert-Butylbenzene	119	9.173	9.173	(0.960)	253341	100.000	97.815
77 1,2,4-Trimethylbenzene	105	9.222	9.222	(0.965)	280482	100.000	96.886
78 sec-Butylbenzene	105	9.386	9.386	(0.982)	350797	100.000	96.806
79 4-Isopropyltoluene	119	9.526	9.526	(0.997)	276082	100.000	95.793
80 1,3-Dichlorobenzene	146	9.496	9.496	(0.994)	139760	100.000	97.245
81 1,4-Dichlorobenzene	146	9.581	9.581	(1.003)	141695	100.000	98.637
82 n-Butylbenzene	91	9.928	9.928	(1.039)	227134	100.000	90.775
83 1,2-Dichlorobenzene	146	9.940	9.940	(1.040)	126473	100.000	96.891
84 1,2-Dibromo-3-chloropropane	157	10.694	10.694	(1.119)	11402	100.000	85.587
85 1,2,4-Trichlorobenzene	180	11.528	11.528	(1.206)	74000	100.000	86.996
86 Hexachlorobutadiene	225	11.704	11.704	(1.225)	42310	100.000	89.831
87 Naphthalene	128	11.765	11.765	(1.231)	195369	100.000	89.256
88 1,2,3-Trichlorobenzene	180	12.008	12.008	(1.257)	72627	100.000	89.336
98 Cyclohexane	56	4.459	4.459	(0.913)	178944	100.000	96.829
143 Methyl Acetate	43	2.993	2.993	(0.613)	152793	200.000	195.87
144 Methylcyclohexane	83	5.341	5.341	(1.093)	180984	100.000	96.582
141 1,3,5-Trichlorobenzene	180	10.919	10.919	(1.143)	80996	100.000	87.469



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Date : 03-JUN-2004 16:57
Client ID:
Sample Info: 50NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18

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Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
Report Date: 03-Jun-2004 16:57

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
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Inj Date : 03-JUN-2004 16:57
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 50NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,2
Comment :
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Meth Date : 03-Jun-2004 16:56 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 16:57 Cal File: UX89924.D
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.883	4.883	(1.000)	1036725	250.000	
* 2 Chlorobenzene-d5	117	7.383	7.383	(1.000)	665725	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.555	9.555	(1.000)	231682	250.000	
$ 4 Dibromofluoromethane	113	4.366	4.366	(0.894)	43798	50.0000	49.264
$ 5 1,2-Dichloroethane-d4	65	4.621	4.621	(0.946)	63537	50.0000	51.476
$ 6 Toluene-d8	98	6.136	6.136	(1.257)	179915	50.0000	49.311
$ 7 Bromofluorobenzene	95	8.454	8.454	(1.145)	62286	50.0000	53.821
8 Dichlorodifluoromethane	85	1.434	1.434	(0.294)	28182	50.0000	44.163
9 Chloromethane	50	1.592	1.592	(0.326)	45501	50.0000	50.314
10 Vinyl Chloride	62	1.701	1.701	(0.348)	37457	50.0000	49.955
11 Bromomethane	94	2.005	2.005	(0.411)	16806	50.0000	53.061
12 Chloroethane	64	2.097	2.097	(0.429)	20487	50.0000	51.135
13 Trichlorofluoromethane	101	2.303	2.303	(0.472)	50297	50.0000	50.506
15 Acrolein	56	2.620	2.620	(0.537)	64009	500.000	497.58
16 Acetone	43	2.735	2.735	(0.560)	50199	100.000	110.50
17 1,1-Dichloroethene	96	2.711	2.711	(0.555)	36078	50.0000	50.862
18 Freon-113	151	2.735	2.735	(0.560)	18897	50.0000	49.406

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
Report Date: 03-Jun-2004 16:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.827	2.827	(0.579)	52313	50.0000	50.208
	20 Carbon Disulfide	76	2.888	2.888	(0.591)	114512	50.0000	49.132
	21 Methylene Chloride	84	3.070	3.070	(0.629)	58174	50.0000	59.666
	22 Acetonitrile	41	2.936	2.936	(0.601)	44852	500.000	491.12
	23 Acrylonitrile	53	3.240	3.240	(0.664)	161567	500.000	483.62
	24 Methyl tert-butyl ether	73	3.283	3.283	(0.672)	142176	50.0000	51.720
	25 trans-1,2-Dichloroethene	96	3.289	3.289	(0.674)	47734	50.0000	49.173
	26 Hexane	86	3.496	3.496	(0.716)	12708	50.0000	45.787
	27 Vinyl acetate	43	3.618	3.618	(0.741)	100727	50.0000	45.693
	28 1,1-Dichloroethane	63	3.593	3.593	(0.736)	94380	50.0000	49.606
	29 tert-Butyl Alcohol	59	3.143	3.143	(0.644)	94853	1000.00	973.83
	30 2-Butanone	43	4.007	4.007	(0.821)	56765	100.000	94.969
M	31 1,2-Dichloroethene (total)	96				100983	100.000	99.805
	32 cis-1,2-dichloroethene	96	4.019	4.019	(0.823)	53249	50.0000	50.632
	33 2,2-Dichloropropane	77	4.025	4.025	(0.824)	52299	50.0000	50.174
	34 Bromochloromethane	128	4.195	4.195	(0.859)	24778	50.0000	50.785
	35 Chloroform	83	4.244	4.244	(0.869)	86054	50.0000	49.146
	36 Tetrahydrofuran	42	4.238	4.238	(0.868)	17028	50.0000	50.482
	37 1,1,1-Trichloroethane	97	4.402	4.402	(0.902)	69378	50.0000	48.902
	38 1,1-Dichloropropene	75	4.524	4.524	(0.926)	64859	50.0000	46.877
	39 Carbon Tetrachloride	117	4.536	4.536	(0.929)	59608	50.0000	47.470
	40 1,2-Dichloroethane	62	4.676	4.676	(0.958)	78026	50.0000	50.186
	41 Benzene	78	4.682	4.682	(0.959)	210254	50.0000	50.458
	42 Trichloroethene	130	5.169	5.169	(1.059)	50672	50.0000	49.285
	43 1,2-Dichloropropane	63	5.339	5.339	(1.093)	54176	50.0000	50.531
	44 1,4-Dioxane	88	5.436	5.436	(1.113)	22412	2500.00	2525.3
	45 Dibromomethane	93	5.430	5.430	(1.112)	28557	50.0000	51.410
	46 Bromodichloromethane	83	5.546	5.546	(1.136)	62005	50.0000	47.603
	47 2-Chloroethyl vinyl ether	63	5.771	5.771	(1.182)	48603	100.000	92.201
	48 cis-1,3-Dichloropropene	75	5.905	5.905	(1.209)	79085	50.0000	47.234
	49 4-Methyl-2-pentanone	43	6.014	6.014	(1.232)	90628	100.000	91.039
	50 Toluene	91	6.191	6.191	(0.839)	216997	50.0000	48.671
	51 trans-1,3-Dichloropropene	75	6.349	6.349	(0.860)	68949	50.0000	44.857
	52 Ethyl Methacrylate	69	6.422	6.422	(0.870)	60304	50.0000	44.480
	53 1,1,2-Trichloroethane	97	6.513	6.513	(0.882)	40601	50.0000	49.413
	54 1,3-Dichloropropane	76	6.659	6.659	(0.902)	76498	50.0000	49.794
	55 Tetrachloroethene	164	6.665	6.665	(0.903)	36320	50.0000	48.036
	56 2-Hexanone	43	6.708	6.708	(0.909)	66952	100.000	88.617
	57 Dibromochloromethane	129	6.860	6.860	(0.929)	41063	50.0000	46.883
	58 1,2-Dibromoethane	107	6.970	6.970	(0.944)	37626	50.0000	48.118
	59 Chlorobenzene	112	7.408	7.408	(1.003)	128860	50.0000	49.628
	60 1,1,1,2-Tetrachloroethane	131	7.474	7.474	(1.012)	42606	50.0000	48.768
	61 Ethylbenzene	106	7.499	7.499	(1.016)	67994	50.0000	49.608
	62 m + p-Xylene	106	7.608	7.608	(1.030)	166045	100.000	99.403
M	63 Xylenes (total)	106				243800	150.000	149.38
	64 Xylene-o	106	7.967	7.967	(1.079)	77755	50.0000	49.975
	65 Styrene	104	7.973	7.973	(1.080)	128697	50.0000	48.289

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89924.D
Report Date: 03-Jun-2004 16:57

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.144	8.144	(1.103)	20782	50.0000	44.540
67 Isopropylbenzene	105	8.308	8.308	(1.125)	183197	50.0000	49.090
68 1,1,2,2-Tetrachloroethane	83	8.563	8.563	(0.896)	38425	50.0000	48.440
69 1,4-Dichloro-2-butene	53	8.618	8.618	(0.902)	13040	50.0000	45.351
70 1,2,3-Trichloropropane	110	8.612	8.612	(0.901)	13566	50.0000	49.383
71 Bromobenzene	156	8.600	8.600	(0.900)	43351	50.0000	49.310
72 n-Propylbenzene	120	8.691	8.691	(0.910)	47593	50.0000	47.833
73 2-Chlorotoluene	126	8.782	8.782	(0.919)	42033	50.0000	50.129
74 1,3,5-Trimethylbenzene	105	8.861	8.861	(0.927)	138710	50.0000	48.043
75 4-Chlorotoluene	126	8.886	8.886	(0.930)	40690	50.0000	49.048
76 tert-Butylbenzene	119	9.178	9.178	(0.961)	122988	50.0000	48.379
77 1,2,4-Trimethylbenzene	105	9.220	9.220	(0.965)	134830	50.0000	47.627
78 sec-Butylbenzene	105	9.391	9.391	(0.983)	167406	50.0000	47.315
79 4-Isopropyltoluene	119	9.525	9.525	(0.997)	128815	50.0000	46.060
80 1,3-Dichlorobenzene	146	9.500	9.500	(0.994)	68723	50.0000	48.651
81 1,4-Dichlorobenzene	146	9.579	9.579	(1.003)	68269	50.0000	48.410
82 n-Butylbenzene	91	9.926	9.926	(1.039)	106763	50.0000	44.342
83 1,2-Dichlorobenzene	146	9.944	9.944	(1.041)	61021	50.0000	47.771
84 1,2-Dibromo-3-chloropropane	157	10.693	10.693	(1.119)	5473	50.0000	42.977
85 1,2,4-Trichlorobenzene	180	11.526	11.526	(1.206)	35769	50.0000	43.812
86 Hexachlorobutadiene	225	11.702	11.702	(1.225)	20333	50.0000	44.770
87 Naphthalene	128	11.769	11.769	(1.232)	92000	50.0000	43.796
88 1,2,3-Trichlorobenzene	180	12.013	12.013	(1.257)	35196	50.0000	44.875
98 Cyclohexane	56	4.463	4.463	(0.914)	85898	50.0000	48.189
143 Methyl Acetate	43	2.991	2.991	(0.613)	74585	100.000	98.588
144 Methylcyclohexane	83	5.339	5.339	(1.093)	85324	50.0000	47.394
141 1,3,5-Trichlorobenzene	180	10.924	10.924	(1.143)	39571	50.0000	44.397

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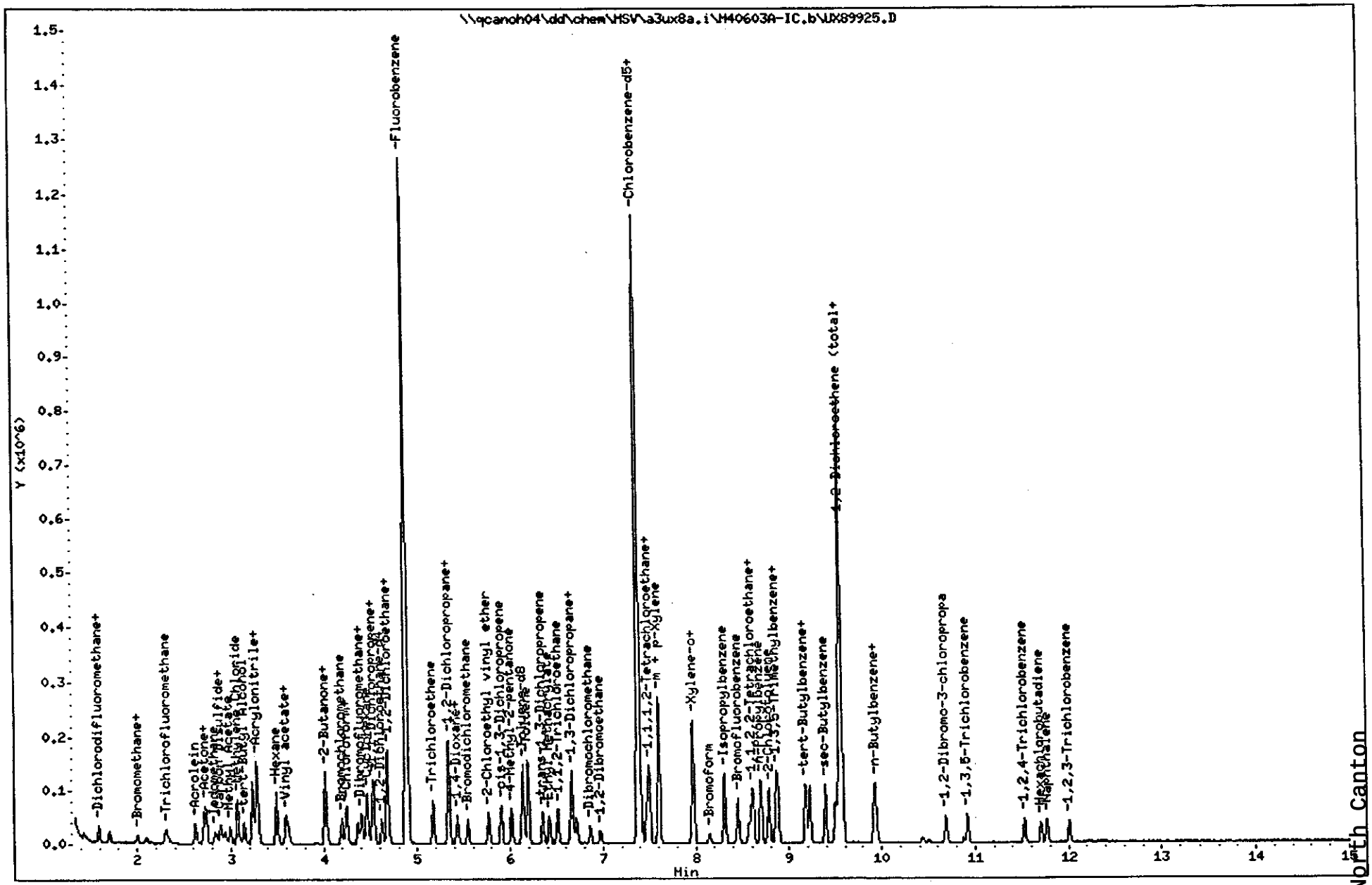
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



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Report Date: 03-Jun-2004 16:57

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.D
Lab Smp Id: 25NG-IC
Inj Date : 03-JUN-2004 17:21
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 25NG-IC
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 16:57 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 17:21 Cal File: UX89925.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.884	4.884	(1.000)	1054113	250.000	
* 2 Chlorobenzene-d5	117	7.378	7.378	(1.000)	663218	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.556	9.556	(1.000)	230272	250.000	
$ 4 Dibromofluoromethane	113	4.366	4.366	(0.894)	22519	25.0000	24.926
$ 5 1,2-Dichloroethane-d4	65	4.622	4.622	(0.946)	32960	25.0000	26.044
$ 6 Toluene-d8	98	6.137	6.137	(1.257)	95190	25.0000	25.547
$ 7 Bromofluorobenzene	95	8.448	8.448	(1.145)	33169	25.0000	28.064
8 Dichlorodifluoromethane	85	1.440	1.440	(0.295)	13209	25.0000	21.008
9 Chloromethane	50	1.592	1.592	(0.326)	23675	25.0000	25.620
10 Vinyl Chloride	62	1.702	1.702	(0.349)	18560	25.0000	24.451
11 Bromomethane	94	2.006	2.006	(0.411)	8940	25.0000	27.259
12 Chloroethane	64	2.097	2.097	(0.430)	9805	25.0000	24.220
13 Trichlorofluoromethane	101	2.310	2.310	(0.473)	25642	25.0000	25.269
15 Acrolein	56	2.614	2.614	(0.535)	31968	250.000	245.32
16 Acetone	43	2.736	2.736	(0.560)	35142	50.0000	69.995
17 1,1-Dichloroethene	96	2.718	2.718	(0.557)	17973	25.0000	24.933
18 Freon-113	151	2.730	2.730	(0.559)	8906	25.0000	23.226

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.D
Report Date: 03-Jun-2004 16:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.827	2.827	(0.579)	26136	25.0000	24.725
	20 Carbon Disulfide	76	2.888	2.888	(0.591)	55236	25.0000	23.574
	21 Methylene Chloride	84	3.071	3.071	(0.629)	33717	25.0000	32.084
	22 Acetonitrile	41	2.937	2.937	(0.601)	23939	250.000	256.47
	23 Acrylonitrile	53	3.241	3.241	(0.664)	84936	250.000	250.04
	24 Methyl tert-butyl ether	73	3.284	3.284	(0.672)	67178	25.0000	24.190
	25 trans-1,2-Dichloroethene	96	3.284	3.284	(0.672)	23598	25.0000	24.084
	26 Hexane	86	3.497	3.497	(0.716)	6865	25.0000	24.436
	27 Vinyl acetate	43	3.618	3.618	(0.741)	46804	25.0000	21.471
	28 1,1-Dichloroethane	63	3.594	3.594	(0.736)	46202	25.0000	24.062
	29 tert-Butyl Alcohol	59	3.144	3.144	(0.644)	43755	500.000	450.55
	30 2-Butanone	43	4.014	4.014	(0.822)	33698	50.0000	54.459
M	31 1,2-Dichloroethene (total)	96				50032	50.0000	48.850
	32 cis-1,2-dichloroethene	96	4.020	4.020	(0.823)	26434	25.0000	24.766
	33 2,2-Dichloropropane	77	4.026	4.026	(0.824)	24609	25.0000	23.498
	34 Bromochloromethane	128	4.196	4.196	(0.859)	11609	25.0000	23.653
	35 Chloroform	83	4.245	4.245	(0.869)	42335	25.0000	23.974
	36 Tetrahydrofuran	42	4.233	4.233	(0.867)	8466	25.0000	24.736
	37 1,1,1-Trichloroethane	97	4.403	4.403	(0.902)	32980	25.0000	23.193
	38 1,1-Dichloropropene	75	4.525	4.525	(0.926)	32576	25.0000	23.444
	39 Carbon Tetrachloride	117	4.537	4.537	(0.929)	29010	25.0000	23.072
	40 1,2-Dichloroethane	62	4.677	4.677	(0.958)	38898	25.0000	24.671
	41 Benzene	78	4.683	4.683	(0.959)	102569	25.0000	24.338
	42 Trichloroethene	130	5.170	5.170	(1.059)	25528	25.0000	24.514
	43 1,2-Dichloropropane	63	5.340	5.340	(1.093)	25637	25.0000	23.752
	44 1,4-Dioxane	88	5.431	5.431	(1.112)	10396	1250.00	1167.3
	45 Dibromomethane	93	5.431	5.431	(1.112)	14024	25.0000	24.858
	46 Bromodichloromethane	83	5.547	5.547	(1.136)	29131	25.0000	22.445
	47 2-Chloroethyl vinyl ether	63	5.772	5.772	(1.182)	24939	50.0000	47.074
	48 cis-1,3-Dichloropropene	75	5.906	5.906	(1.209)	37259	25.0000	22.350
	49 4-Methyl-2-pentanone	43	6.015	6.015	(1.232)	44440	50.0000	44.816
	50 Toluene	91	6.192	6.192	(0.839)	107983	25.0000	24.423
	51 trans-1,3-Dichloropropene	75	6.356	6.356	(0.861)	32311	25.0000	21.664
	52 Ethyl Methacrylate	69	6.423	6.423	(0.871)	26054	25.0000	20.054
	53 1,1,2-Trichloroethane	97	6.508	6.508	(0.882)	19961	25.0000	24.486
	54 1,3-Dichloropropane	76	6.660	6.660	(0.903)	37484	25.0000	24.574
	55 Tetrachloroethene	164	6.666	6.666	(0.904)	19129	25.0000	25.328
	56 2-Hexanone	43	6.715	6.715	(0.910)	33598	50.0000	45.450
	57 Dibromochloromethane	129	6.861	6.861	(0.930)	17952	25.0000	21.199
	58 1,2-Dibromoethane	107	6.970	6.970	(0.945)	19001	25.0000	24.491
	59 Chlorobenzene	112	7.408	7.408	(1.004)	63532	25.0000	24.633
	60 1,1,1,2-Tetrachloroethane	131	7.475	7.475	(1.013)	19576	25.0000	22.875
	61 Ethylbenzene	106	7.499	7.499	(1.016)	30972	25.0000	23.038
	62 m + p-Xylene	106	7.603	7.603	(1.031)	82143	50.0000	49.466
M	63 Xylenes (total)	106				119944	75.0000	73.954
	64 Xylene-o	106	7.968	7.968	(1.080)	37801	25.0000	24.488
	65 Styrene	104	7.974	7.974	(1.081)	60746	25.0000	23.207

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.D
Report Date: 03-Jun-2004 16:57

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.144	8.144	(1.104)	9868	25.0000	21.776
67 Isopropylbenzene	105	8.309	8.309	(1.126)	91050	25.0000	24.574
68 1,1,2,2-Tetrachloroethane	83	8.564	8.564	(0.896)	17533	25.0000	22.655
69 1,4-Dichloro-2-butene	53	8.625	8.625	(0.903)	6383	25.0000	22.739
70 1,2,3-Trichloropropane	110	8.613	8.613	(0.901)	6841	25.0000	25.046
71 Bromobenzene	156	8.601	8.601	(0.900)	21807	25.0000	24.964
72 n-Propylbenzene	120	8.692	8.692	(0.910)	22953	25.0000	23.490
73 2-Chlorotoluene	126	8.783	8.783	(0.919)	19305	25.0000	23.451
74 1,3,5-Trimethylbenzene	105	8.862	8.862	(0.927)	67024	25.0000	23.615
75 4-Chlorotoluene	126	8.880	8.880	(0.929)	19563	25.0000	23.929
76 tert-Butylbenzene	119	9.172	9.172	(0.960)	58393	25.0000	23.405
77 1,2,4-Trimethylbenzene	105	9.221	9.221	(0.965)	63904	25.0000	23.063
78 sec-Butylbenzene	105	9.385	9.385	(0.982)	80909	25.0000	23.318
79 4-Isopropyltoluene	119	9.525	9.525	(0.997)	60804	25.0000	22.340
80 1,3-Dichlorobenzene	146	9.501	9.501	(0.994)	33056	25.0000	23.775
81 1,4-Dichlorobenzene	146	9.580	9.580	(1.003)	34809	25.0000	24.862
82 n-Butylbenzene	91	9.921	9.921	(1.038)	49589	25.0000	21.330
83 1,2-Dichlorobenzene	146	9.945	9.945	(1.041)	30849	25.0000	24.413
84 1,2-Dibromo-3-chloropropane	157	10.699	10.699	(1.120)	2196	25.0000	18.282
85 1,2,4-Trichlorobenzene	180	11.527	11.527	(1.206)	17559	25.0000	22.135
86 Hexachlorobutadiene	225	11.709	11.709	(1.225)	10432	25.0000	23.405
87 Naphthalene	128	11.770	11.770	(1.232)	42377	25.0000	20.954
88 1,2,3-Trichlorobenzene	180	12.013	12.013	(1.257)	15583	25.0000	20.681
98 Cyclohexane	56	4.464	4.464	(0.914)	43094	25.0000	23.973
143 Methyl Acetate	43	2.992	2.992	(0.613)	36443	50.0000	47.794
144 Methylcyclohexane	83	5.340	5.340	(1.093)	42683	25.0000	23.582
141 1,3,5-Trichlorobenzene	180	10.918	10.918	(1.143)	19976	25.0000	22.924

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Report Date: 03-Jun-2004 17:17

STL North Canton

RECOVERY REPORT

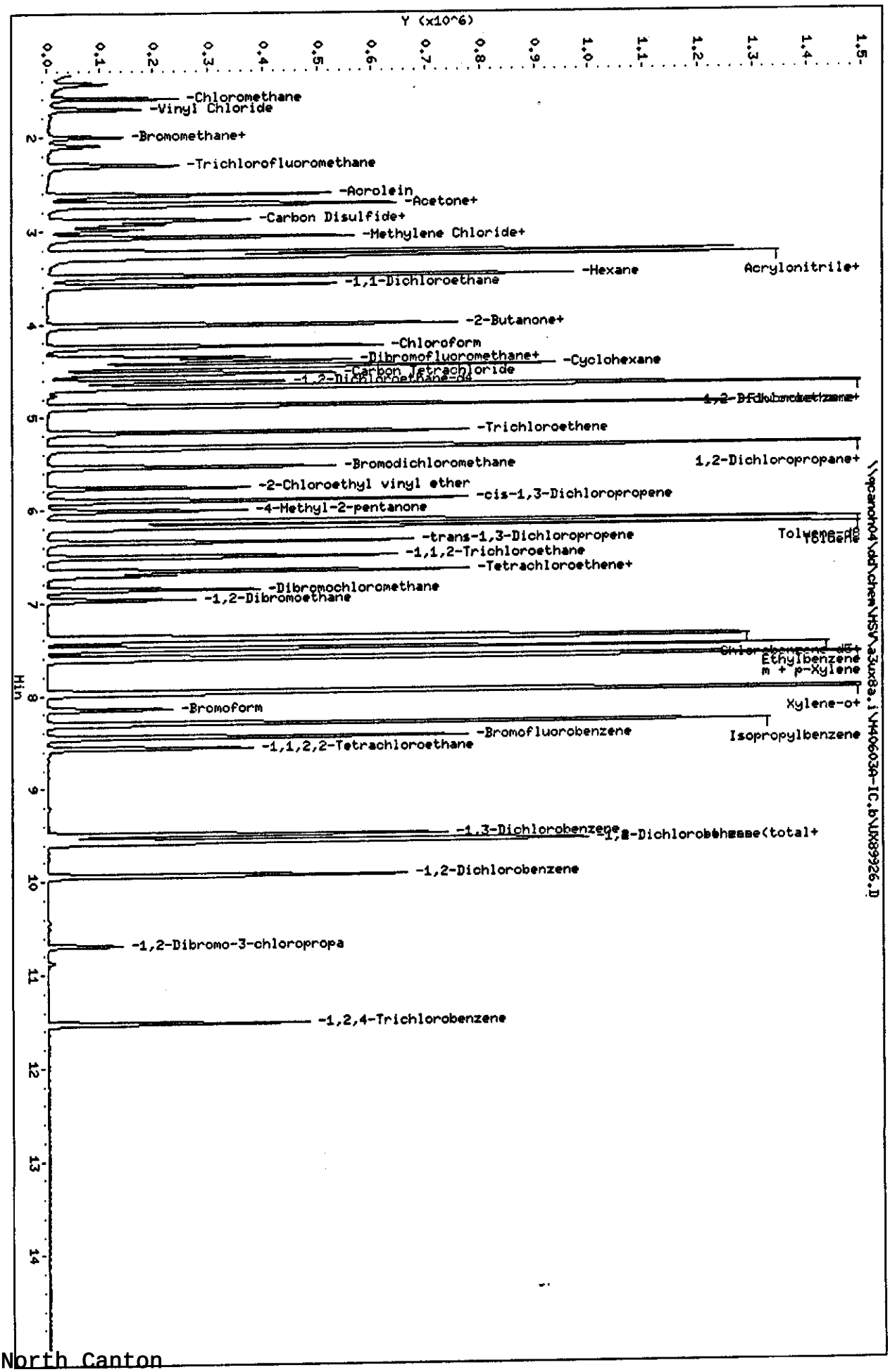
Client Name:
Client SDG: SDGa00769
Sample Matrix: SOLID
Fraction: VOA
Lab Smp Id: ICV
Level: LOW
Operator: 2807
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: plexus-ck.spk
Quant Type: ISTD
Sublist File: 1-8260.SUB
Method File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Misc Info: M40603A-IC,8260SUX8,1-8260.SUB,2807,3

	SPIKE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
	17 1,1-Dichloroethene	50.000	50.605	101.21	50-150
	42 Trichloroethene	50.000	48.008	96.02	50-150
	59 Chlorobenzene	50.000	48.485	96.97	50-150
	50 Toluene	50.000	47.955	95.91	50-150
	41 Benzene	50.000	49.620	99.24	50-150
	16 Acetone	50.000	40.356	80.71	50-150
	20 Carbon Disulfide	50.000	49.663	99.33	50-150
	9 Chloromethane	50.000	46.433	92.87	50-150
	11 Bromomethane	50.000	54.459	108.92	50-150
	10 Vinyl Chloride	50.000	44.753	89.51	50-150
	12 Chloroethane	50.000	46.199	92.40	50-150
	21 Methylene Chloride	50.000	49.408	98.82	50-150
	28 1,1-Dichloroethane	50.000	49.923	99.85	50-150
M	31 1,2-Dichloroethene	100.00	100.04	100.04	50-150
	35 Chloroform	50.000	49.483	98.97	50-150
	40 1,2-Dichloroethane	50.000	49.441	98.88	50-150
	30 2-Butanone	50.000	41.152	82.30	50-150
	37 1,1,1-Trichloroeth	50.000	49.341	98.68	50-150
	39 Carbon Tetrachlori	50.000	49.532	99.06	50-150
	46 Bromodichlorometha	50.000	51.547	103.09	50-150
	43 1,2-Dichloropropan	50.000	49.908	99.82	50-150
	48 cis-1,3-Dichloropr	50.000	50.233	100.47	50-150
	57 Dibromochlorometha	50.000	50.216	100.43	50-150
	53 1,1,2-Trichloroeth	50.000	47.353	94.71	50-150
	51 trans-1,3-Dichloro	50.000	47.863	95.73	50-150
	66 Bromoform	50.000	51.281	102.56	50-150
	49 4-Methyl-2-pentano	50.000	50.292	100.58	50-150
	56 2-Hexanone	50.000	42.731	85.46	50-150
	55 Tetrachloroethene	50.000	47.801	95.60	50-150
	68 1,1,2,2-Tetrachlor	50.000	48.785	97.57	50-150
	61 Ethylbenzene	50.000	49.560	99.12	50-150
	65 Styrene	50.000	49.429	98.86	50-150
M	63 Xylenes (total)	150.00	147.51	98.34	50-150

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:17

	SPIKE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
32	cis-1,2-dichloroet	50.000	50.246	100.49	50-150
25	trans-1,2-Dichloro	50.000	49.798	99.60	50-150
8	Dichlorodifluorome	50.000	45.374	90.75	50-150
13	Trichlorofluoromet	50.000	48.486	96.97	50-150
18	Freon-113	50.000	56.598	113.20	50-150
24	Methyl tert-butyl	50.000	40.151	80.30	50-150
58	1,2-Dibromoethane	50.000	49.792	99.58	50-150
67	Isopropylbenzene	50.000	51.594	103.19	50-150
80	1,3-Dichlorobenzen	50.000	46.569	93.14	50-150
81	1,4-Dichlorobenzen	50.000	46.588	93.18	50-150
83	1,2-Dichlorobenzen	50.000	46.903	93.81	50-150
84	1,2-Dibromo-3-chlo	50.000	43.804	87.61	50-150
85	1,2,4-Trichloroben	50.000	42.059	84.12	50-150
98	Cyclohexane	50.000	49.001	98.00	50-150
143	Methyl Acetate	50.000	53.750	107.50	50-150
144	Methylcyclohexane	50.000	48.419	96.84	50-150

	SURROGATE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
$ 4	Dibromofluorometha	50.000	50.905	101.81	59-138
$ 5	1,2-Dichloroethane	50.000	48.340	96.68	61-130
$ 6	Toluene-d8	50.000	52.435	104.87	60-143
$ 7	Bromofluorobenzene	50.000	50.282	100.56	47-158


Data File: \\qcanon04\dd\chem\HSV\a3ux8a.i\H406030-IC.b\UX89926.D
Date : 03-JUN-2004 17:45
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Hin
-Chloromethane
-Vinyl Chloride
-Bromomethane+
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Carbon Disulfide+
-Methylene Chloride+
Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-2-Butanone+
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-Carbon Tetrachloride
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Trichloroethene
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-Tetrachloroethene+
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
Ethylbenzene
m + p-Xylene
Xylene-o+
-Bromoform
Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
-1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4(total+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
\\qcanon04\dd\chem\HSV\a3ux8a.i\H406030-IC.b\UX89926.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:16

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Lab Smp Id: ICV
Inj Date : 03-JUN-2004 17:45
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : ICV
Misc Info : M40603A-IC,8260SUX8,1-8260.SUB,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\8260SUX8.m
Meth Date : 03-Jun-2004 17:00 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 17:21 Cal File: UX89925.D
Als bottle: 8 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.886	4.884	(1.000)	1044068	250.000	
* 2 Chlorobenzene-d5	117	7.381	7.378	(1.000)	666516	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.558	9.556	(1.000)	232478	250.000	
$ 4 Dibromofluoromethane	113	4.363	4.367	(0.893)	227754	254.526	50.905
$ 5 1,2-Dichloroethane-d4	65	4.625	4.622	(0.946)	302977	241.703	48.340
$ 6 Toluene-d8	98	6.139	6.137	(1.256)	967572	262.174	52.435
$ 7 Bromofluorobenzene	95	8.451	8.449	(1.145)	298622	251.412	50.282
8 Dichlorodifluoromethane	85	1.437	1.441	(0.294)	141286	226.868	45.374
9 Chloromethane	50	1.595	1.593	(0.327)	212500	232.167	46.433
10 Vinyl Chloride	62	1.705	1.702	(0.349)	168232	223.766	44.753
11 Bromomethane	94	2.003	2.007	(0.410)	88453	272.294	54.459
12 Chloroethane	64	2.100	2.097	(0.430)	92624	230.994	46.199
13 Trichlorofluoromethane	101	2.307	2.311	(0.472)	243659	242.429	48.486
15 Acrolein	56	2.617	2.615	(0.536)	437616	3390.56	678.11
16 Acetone	43	2.733	2.737	(0.559)	89564	201.779	40.356
17 1,1-Dichloroethene	96	2.714	2.718	(0.556)	180656	253.027	50.605
18 Freon-113	151	2.733	2.731	(0.559)	107480	282.990	56.598
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	20 Carbon Disulfide	76	2.891	2.889	(0.592)	576276	248.316	49.663
	21 Methylene Chloride	84	3.073	3.071	(0.629)	235516	247.039	49.408
	22 Acetonitrile	41	2.934	2.937	(0.600)	242080	2618.46	523.69
	23 Acrylonitrile	53	3.238	3.242	(0.663)	923057	2743.47	548.69
	24 Methyl tert-butyl ether	73	3.286	3.284	(0.673)	552199	200.755	40.151
	25 trans-1,2-Dichloroethene	96	3.286	3.284	(0.673)	241641	248.988	49.798
	26 Hexane	86	3.499	3.497	(0.716)	77059	276.934	55.387
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.591	3.594	(0.735)	474718	249.615	49.923
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	4.010	4.014	(0.821)	126106	205.758	41.152
M	31 1,2-Dichloroethene (total)	96				507232	500.219	100.04
	32 cis-1,2-dichloroethene	96	4.016	4.019	(0.822)	265591	251.230	50.246
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.248	4.245	(0.869)	432738	247.415	49.483
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.406	4.403	(0.902)	347461	246.704	49.341
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.540	4.537	(0.929)	308437	247.662	49.532
	40 1,2-Dichloroethane	62	4.679	4.677	(0.958)	386045	247.205	49.441
	41 Benzene	78	4.679	4.683	(0.958)	1035644	248.102	49.620
	42 Trichloroethene	130	5.172	5.170	(1.059)	247582	240.039	48.008
	43 1,2-Dichloropropane	63	5.336	5.340	(1.092)	266772	249.538	49.908
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.543	5.547	(1.134)	331314	257.734	51.547
	47 2-Chloroethyl vinyl ether	63	5.768	5.772	(1.181)	148736	283.451	56.690
	48 cis-1,3-Dichloropropene	75	5.902	5.906	(1.208)	414721	251.166	50.233
	49 4-Methyl-2-pentanone	43	6.012	6.016	(1.230)	246976	251.460	50.292
	50 Toluene	91	6.194	6.192	(0.839)	1065383	239.774	47.955
	51 trans-1,3-Dichloropropene	75	6.352	6.356	(0.861)	358709	239.315	47.863
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.511	6.508	(0.882)	193973	236.764	47.353
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.669	6.667	(0.904)	181403	239.004	47.801
	56 2-Hexanone	43	6.711	6.715	(0.909)	158724	213.654	42.731
	57 Dibromochloromethane	129	6.863	6.861	(0.930)	213674	251.078	50.216
	58 1,2-Dibromoethane	107	6.973	6.971	(0.945)	194114	248.959	49.792
	59 Chlorobenzene	112	7.405	7.409	(1.003)	628364	242.425	48.485
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.502	7.500	(1.016)	334787	247.798	49.560
	62 m + p-Xylene	106	7.606	7.603	(1.030)	816305	489.146	97.829
M	63 Xylenes (total)	106				1201682	737.558	147.51
	64 Xylene-o	106	7.965	7.968	(1.079)	385377	248.412	49.682
	65 Styrene	104	7.977	7.974	(1.081)	650125	247.144	49.429
	66 Bromoform	173	8.147	8.145	(1.104)	116768	256.407	51.281

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:16

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
67 Isopropylbenzene	105	8.311	8.308	(1.126)	960578	257.971	51.594
68 1,1,2,2-Tetrachloroethane	83	8.567	8.564	(0.896)	190582	243.925	48.785
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.498	9.501	(0.994)	326834	232.844	46.569
81 1,4-Dichlorobenzene	146	9.583	9.581	(1.003)	329263	232.941	46.588
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.942	9.946	(1.040)	299185	234.517	46.903
84 1,2-Dibromo-3-chloropropane	157	10.696	10.700	(1.119)	27418	219.020	43.804
85 1,2,4-Trichlorobenzene	180	11.529	11.527	(1.206)	168417	210.294	42.059
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.460	4.464	(0.913)	436232	245.005	49.001
143 Methyl Acetate	43	2.988	2.992	(0.612)	202966	268.748	53.750
144 Methylcyclohexane	83	5.336	5.340	(1.092)	434015	242.095	48.419
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Report Date: 19-Jun-2004 14:07

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m
Start Cal Date: 03-JUN-2004 15:20
End Cal Date : 03-JUN-2004 17:21
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
03-JUN-2004 17:21	1-8260	UX89925.D
Cal Level: 2 , Cal Amount: 50.000		
03-JUN-2004 16:57	1-8260	UX89924.D
Cal Level: 3 , Cal Amount: 100.00		
03-JUN-2004 16:33	1-8260	UX89923.D
Cal Level: 4 , Cal Amount: 250.00		
03-JUN-2004 16:09	1-8260	UX89922.D
Cal Level: 5 , Cal Amount: 500.00		
03-JUN-2004 15:45	1-8260	UX89921.D
Cal Level: 6 , Cal Amount: 1000.0		
03-JUN-2004 15:20	1-8260	UX89920.D

Continuing Calibration

19-JUN-2004 13:54	1-8260	UX80400.D

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 14:19

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80400.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m

Injection Date: 19-JUN-2004 13:54
Init. Cal. Date(s): 03-JUN-2004 03-JUN-2004
Init. Cal. Times: 15:20 17:21
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21426	0.22687	0.010	5.9	50.0
$	5 1,2-Dichloroethane-d4	0.30015	0.31036	0.010	3.4	50.0
$	6 Toluene-d8	0.88370	0.96408	0.010	9.1	50.0
$	7 Bromofluorobenzene	0.44552	0.47795	0.010	7.3	50.0
	8 Dichlorodifluoromethane	0.14912	0.14024	0.010	-6.0	50.0
	9 Chloromethane	0.21916	0.18594	0.100	-15.2	50.0
	10 Vinyl Chloride	0.18002	0.17359	0.010	-3.6	20.0
	11 Bromomethane	0.07778	0.08109	0.010	4.2	50.0
	12 Chloroethane	0.09601	0.10119	0.010	5.4	50.0
	13 Trichlorofluoromethane	0.24066	0.24272	0.010	0.9	50.0
	15 Acrolein	0.03091	0.02195	0.010	-29.0	50.0
	16 Acetone	500	490	0.010	2.0	50.0
	17 1,1-Dichloroethene	0.17096	0.16660	0.010	-2.5	20.0
	18 Freon-113	0.09094	0.10187	0.010	12.0	50.0
	19 Iodomethane	0.25070	0.24836	0.010	-0.9	50.0
	20 Carbon Disulfide	0.55570	0.54305	0.010	-2.3	50.0
	21 Methylene Chloride	250	232	0.010	7.0	50.0
	22 Acetonitrile	0.02214	0.02116	0.010	-4.4	50.0
	23 Acrylonitrile	0.08056	0.07455	0.010	-7.5	50.0
	24 Methyl tert-butyl ether	0.65863	0.70918	0.010	7.7	50.0
	25 trans-1,2-Dichloroethene	0.23238	0.24427	0.010	5.1	50.0
	26 Hexane	0.06663	0.07163	0.010	7.5	20.0
	27 Vinyl acetate	0.51699	0.33164	0.010	-35.9	50.0
	28 1,1-Dichloroethane	0.45538	0.47395	0.100	4.1	50.0
	29 tert-Butyl Alcohol	0.02303	0.02587	0.010	12.3	50.0
	30 2-Butanone	0.14675	0.14665	0.010	-0.1	50.0
M	31 1,2-Dichloroethene (total)	0.24276	0.25405	0.010	4.7	50.0
	32 cis-1,2-dichloroethene	0.25314	0.26383	0.010	4.2	50.0
	33 2,2-Dichloropropane	0.24837	0.26631	0.010	7.2	50.0
	34 Bromochloromethane	0.11640	0.12231	0.010	5.1	50.0
	35 Chloroform	0.41880	0.44550	0.010	6.4	20.0
	36 Tetrahydrofuran	0.08117	0.09259	0.010	14.1	50.0
	37 1,1,1-Trichloroethane	0.33724	0.37587	0.010	11.5	50.0
	38 1,1-Dichloropropene	0.32954	0.36101	0.010	9.5	50.0
	39 Carbon Tetrachloride	0.29821	0.32841	0.010	10.1	50.0
	40 1,2-Dichloroethane	0.37393	0.39755	0.010	6.3	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 14:19

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80400.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m

Injection Date: 19-JUN-2004 13:54
Init. Cal. Date(s): 03-JUN-2004 03-JUN-2004
Init. Cal. Times: 15:20 17:21
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	41 Benzene	0.99952	1.03221	0.010	3.3	50.0	
	42 Trichloroethene	0.24697	0.26266	0.010	6.4	50.0	
	43 1,2-Dichloropropane	0.25599	0.26782	0.010	4.6	20.0	
	44 1,4-Dioxane	0.00211	0.00224	0.010	6.2	50.0	<-
	45 Dibromomethane	0.13380	0.13813	0.010	3.2	50.0	
	46 Bromodichloromethane	0.30781	0.33576	0.010	9.1	50.0	
	47 2-Chloroethyl vinyl ether	0.12565	0.13946	0.010	11.0	50.0	
	48 cis-1,3-Dichloropropene	0.39537	0.41897	0.010	6.0	50.0	
	49 4-Methyl-2-pentanone	0.23518	0.26177	0.010	11.3	50.0	
	50 Toluene	1.66661	1.68995	0.010	1.4	20.0	
	51 trans-1,3-Dichloropropene	0.56221	0.58117	0.010	3.4	50.0	
	52 Ethyl Methacrylate	0.48974	0.53152	0.010	8.5	50.0	
	53 1,1,2-Trichloroethane	0.30730	0.30930	0.010	0.7	50.0	
	54 1,3-Dichloropropane	0.57497	0.58091	0.010	1.0	50.0	
	55 Tetrachloroethene	0.28469	0.30249	0.010	6.3	50.0	
	56 2-Hexanone	0.27865	0.30308	0.010	8.8	50.0	
	57 Dibromochloromethane	0.31921	0.33844	0.010	6.0	50.0	
	58 1,2-Dibromoethane	0.29245	0.30125	0.010	3.0	50.0	
	59 Chlorobenzene	0.97222	1.03654	0.300	6.6	50.0	
	60 1,1,1,2-Tetrachloroethane	0.32259	0.35146	0.010	8.9	50.0	
	61 Ethylbenzene	0.50676	0.55804	0.010	10.1	20.0	
	62 m + p-Xylene	0.62596	0.68380	0.010	9.2	50.0	
M	63 Xylenes (total)	0.61127	0.66904	0.010	9.5	50.0	
	64 Xylene-o	0.58189	0.63952	0.010	9.9	50.0	
	65 Styrene	0.98668	1.11499	0.010	13.0	50.0	
	66 Bromoform	0.17081	0.18761	0.100	9.8	50.0	
	67 Isopropylbenzene	1.39666	1.58953	0.010	13.8	50.0	
	68 1,1,2,2-Tetrachloroethane	0.84020	0.90586	0.300	7.8	50.0	
	69 1,4-Dichloro-2-butene	0.30476	0.31334	0.010	2.8	50.0	
	70 1,2,3-Trichloropropane	0.29654	0.31188	0.010	5.2	50.0	
	71 Bromobenzene	0.94838	0.97231	0.010	2.5	50.0	
	72 n-Propylbenzene	1.06083	1.16640	0.010	10.0	50.0	
	73 2-Chlorotoluene	0.89372	0.96013	0.010	7.4	50.0	
	74 1,3,5-Trimethylbenzene	3.08134	3.35404	0.010	8.9	50.0	
	75 4-Chlorotoluene	0.88758	0.96345	0.010	8.5	50.0	
	76 tert-Butylbenzene	2.70860	2.86191	0.010	5.7	50.0	

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 14:19

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i Injection Date: 19-JUN-2004 13:54
Lab File ID: UX80400.D Init. Cal. Date(s): 03-JUN-2004 03-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:20 17:21
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
77	1,2,4-Trimethylbenzene	3.00817	3.23809	0.010	7.6	50.0
78	sec-Butylbenzene	3.76714	4.08099	0.010	8.3	50.0
79	4-Isopropyltoluene	2.95490	3.18463	0.010	7.8	50.0
80	1,3-Dichlorobenzene	1.50946	1.61950	0.010	7.3	50.0
81	1,4-Dichlorobenzene	1.52004	1.60339	0.010	5.5	50.0
82	n-Butylbenzene	2.52401	2.77028	0.010	9.8	50.0
83	1,2-Dichlorobenzene	1.37190	1.40644	0.010	2.5	50.0
84	1,2-Dibromo-3-chloropropane	250	216	0.010	13.5	50.0
85	1,2,4-Trichlorobenzene	0.86122	0.78954	0.010	-8.3	50.0
86	Hexachlorobutadiene	0.48390	0.45921	0.010	-5.1	50.0
87	Naphthalene	2.19568	1.88354	0.010	-14.2	50.0
88	1,2,3-Trichlorobenzene	0.81806	0.72485	0.010	-11.4	50.0
98	Cyclohexane	0.42634	0.44202	0.010	3.7	50.0
143	Methyl Acetate	0.18084	0.18445	0.010	2.0	50.0
144	Methylcyclohexane	0.42927	0.47612	0.010	10.9	50.0
141	1,3,5-Trichlorobenzene	0.94605	0.92444	0.010	-2.3	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b/UX80400.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux8a.i
Lab File ID: UX80400.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:54
Lab Sample ID: 250NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	Chlorobenzene	250.0000	266.5407	6.6	50.0
0	Bromodichloromethane	250.0000	272.7036	9.1	50.0
0	1,1,2,2-Tetrachloroethane	250.0000	269.5362	7.8	50.0
0	Bromoform	250.0000	274.5853	9.8	50.0
0	Styrene	250.0000	282.5112	13.0	50.0
0	Xylene-o	250.0000	274.7590	9.9	50.0
0	Xylenes (total)	750.0000	820.9663	9.5	50.0
0	2-Hexanone	500.0000	543.8430	8.8	50.0
0	Chloromethane	250.0000	212.0959	15.2	50.0
0	Vinyl Chloride	250.0000	241.0705	3.6	20.0
0	Bromomethane	250.0000	260.6178	4.2	50.0
0	Chloroethane	250.0000	263.4792	5.4	50.0
0	1,1-Dichloroethane	250.0000	260.1952	4.1	50.0
0	Tetrachloroethene	250.0000	265.6296	6.3	50.0
0	Acetone	500.0000	490.1052	2.0	50.0
0	1,1-Dichloroethene	250.0000	243.6279	2.5	20.0
0	m + p-Xylene	500.0000	546.2073	9.2	50.0
0	Ethylbenzene	250.0000	275.2976	10.1	20.0
0	Carbon Disulfide	250.0000	244.3105	2.3	50.0
0	Methylene Chloride	250.0000	232.4019	7.0	50.0
0	1,2-Dichloropropane	250.0000	261.5608	4.6	20.0
0	1,1,2-Trichloroethane	250.0000	251.6303	0.7	50.0
0	Dibromochloromethane	250.0000	265.0667	6.0	50.0
0	trans-1,2-Dichloroethene	250.0000	262.7942	5.1	50.0
0	trans-1,3-Dichloropropene	250.0000	258.4276	3.4	50.0
0	cis-1,3-Dichloropropene	250.0000	264.9187	6.0	50.0
0	Chloroform	250.0000	265.9376	6.4	20.0
0	Toluene	250.0000	253.5021	1.4	20.0
0	2-Butanone	500.0000	499.6306	0.1	50.0
0	1,2-Dichloroethene (total)	500.0000	523.3596	4.7	50.0
0	cis-1,2-dichloroethene	250.0000	260.5653	4.2	50.0
0	4-Methyl-2-pentanone	500.0000	556.5308	11.3	50.0
0	1,2-Dichloroethane	250.0000	265.7927	6.3	50.0
0	Trichloroethene	250.0000	265.8828	6.4	50.0
0	1,1,1-Trichloroethane	250.0000	278.6368	11.5	50.0
0	Carbon Tetrachloride	250.0000	275.3220	10.1	50.0
0	Benzene	250.0000	258.1758	3.3	50.0
38	Dichlorodifluoromethane	250.0000	235.1158	6.0	50.0
39	Trichlorofluoromethane	250.0000	252.1351	0.9	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b/UX80400.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux8a.i
Lab File ID: UX80400.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:54
Lab Sample ID: 250NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
40	Acrolein	2500.0000	1775.4901	29.0	50.0
41	Acrylonitrile	2500.0000	2313.3918	7.5	50.0
42	Vinyl acetate	250.0000	160.3720	35.9	50.0
43	2-Chloroethyl vinyl ether	500.0000	554.9684	11.0	50.0
47	Freon-113	250.0000	280.0519	12.0	50.0
48	1,3-Dichlorobenzene	250.0000	268.2254	7.3	50.0
49	1,4-Dichlorobenzene	250.0000	263.7077	5.5	50.0
50	1,2-Dichlorobenzene	250.0000	256.2939	2.5	50.0
51	Acetonitrile	2500.0000	2390.1040	4.4	50.0
52	Iodomethane	250.0000	247.6604	0.9	50.0
59	1,4-Dioxane	12500.0000	13279.6788	6.2	50.0
60	Dibromomethane	250.0000	258.0994	3.2	50.0
62	Ethyl Methacrylate	250.0000	271.3267	8.5	50.0
63	1,2-Dibromoethane	250.0000	257.5155	3.0	50.0
64	1,1,1,2-Tetrachloroethane	250.0000	272.3735	8.9	50.0
65	1,2,3-Trichloropropane	250.0000	262.9309	5.2	50.0
66	1,4-Dichloro-2-butene	250.0000	257.0380	2.8	50.0
69	1,2-Dibromo-3-chloropropane	250.0000	216.3289	13.5	50.0
82	Methyl tert-butyl ether	250.0000	269.1862	7.7	50.0
84	Tetrahydrofuran	250.0000	285.1618	14.1	50.0
98	2,2-Dichloropropane	250.0000	268.0526	7.2	50.0
99	1,1-Dichloropropene	250.0000	273.8695	9.5	50.0
100	1,3-Dichloropropane	250.0000	252.5805	1.0	50.0
102	Bromobenzene	250.0000	256.3075	2.5	50.0
103	2-Chlorotoluene	250.0000	268.5791	7.4	50.0
104	n-Propylbenzene	250.0000	274.8787	10.0	50.0
105	4-Chlorotoluene	250.0000	271.3691	8.5	50.0
106	1,3,5-Trimethylbenzene	250.0000	272.1252	8.9	50.0
107	tert-Butylbenzene	250.0000	264.1495	5.7	50.0
108	1,2,4-Trimethylbenzene	250.0000	269.1080	7.6	50.0
109	sec-Butylbenzene	250.0000	270.8283	8.3	50.0
110	4-Isopropyltoluene	250.0000	269.4362	7.8	50.0
111	n-Butylbenzene	250.0000	274.3924	9.8	50.0
112	1,2,4-Trichlorobenzene	250.0000	229.1901	8.3	50.0
113	Naphthalene	250.0000	214.4597	14.2	50.0
114	Hexachlorobutadiene	250.0000	237.2441	5.1	50.0
115	1,2,3-Trichlorobenzene	250.0000	221.5158	11.4	50.0
124	tert-Butyl Alcohol	5000.0000	5616.2563	12.3	50.0

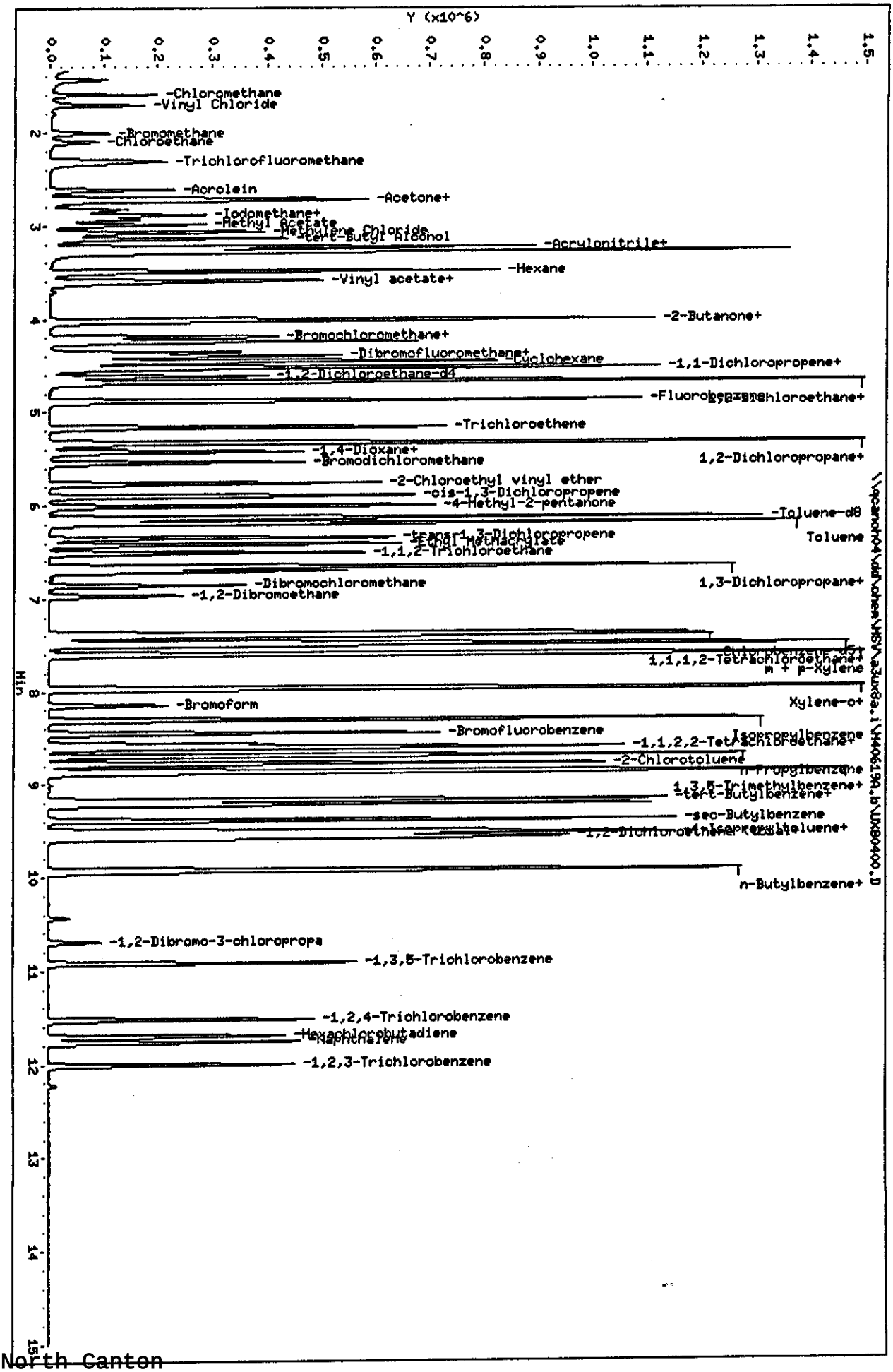
Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40619A.b/UX80400.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux8a.i
Lab File ID: UX80400.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:54
Lab Sample ID: 250NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
125 Hexane	250.0000	268.7814	7.5	20.0
127 Cyclohexane	250.0000	259.1937	3.7	50.0
128 Isopropylbenzene	250.0000	284.5231	13.8	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	262.6860	5.1	50.0
141 1,3,5-Trichlorobenzene	250.0000	244.2876	2.3	50.0
143 Methyl Acetate	500.0000	509.9762	2.0	50.0
144 Methylcyclohexane	250.0000	277.2856	10.9	50.0
22 Toluene-d8	250.0000	272.7407	9.1	50.0
32 Bromofluorobenzene	250.0000	268.2007	7.3	50.0
47 1,2-Dichloroethane-d4	250.0000	258.5011	3.4	50.0
131 Dibromofluoromethane	250.0000	264.7160	5.9	50.0


Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H406190.b\UX80400.D
Date : 19-JUN-2004 13:54
Client ID:
Sample Info: 250NC-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane+
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-Fluorobenzene
-Chloroethane+
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
Xylene-o+
-Bromoform
-Bromofluorobenzene
Isopropylbenzene
-1,1,2,2-Tetrachloroethane+
-2-Chlorotoluene
n-Propylbenzene
1,3,5-Trimethylbenzene+
-tert-Butylbenzene+
-sec-Butylbenzene
1,2-Dichloroethane-d4
4-Isopropyltoluene+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
Naphthalene
-1,2,3-Trichlorobenzene
\\qcanoh04\dd\chem\HSV\a3ux8a.i\H406190.b\UX80400.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 13:28

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Lab Smp Id: 250NG-CC
Inj Date : 19-JUN-2004 13:54
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 250NG-CC
Misc Info : M40619A,8260SUX8,,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m
Meth Date : 19-Jun-2004 13:28 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 17:21 Cal File: UX89925.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.884	4.884	(1.000)	886486	250.000	
* 2 Chlorobenzene-d5	117	7.378	7.378	(1.000)	582467	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.556	9.556	(1.000)	211191	250.000	
$ 4 Dibromofluoromethane	113	4.360	4.360	(0.893)	201120	250.000	264.71
$ 5 1,2-Dichloroethane-d4	65	4.622	4.622	(0.946)	275127	250.000	258.50
$ 6 Toluene-d8	98	6.137	6.137	(1.257)	854647	250.000	272.74
$ 7 Bromofluorobenzene	95	8.449	8.449	(1.145)	278391	250.000	268.20
8 Dichlorodifluoromethane	85	1.434	1.434	(0.294)	124322	250.000	235.11
9 Chloromethane	50	1.592	1.592	(0.326)	164828	250.000	212.09
10 Vinyl Chloride	62	1.708	1.708	(0.350)	153886	250.000	241.07
11 Bromomethane	94	2.006	2.006	(0.411)	71882	250.000	260.62
12 Chloroethane	64	2.097	2.097	(0.430)	89704	250.000	263.48
13 Trichlorofluoromethane	101	2.304	2.304	(0.472)	215166	250.000	252.13
15 Acrolein	56	2.621	2.621	(0.537)	194573	2500.00	1775.5
16 Acetone	43	2.730	2.730	(0.559)	200489	500.000	490.10
17 1,1-Dichloroethene	96	2.712	2.712	(0.555)	147691	250.000	243.63
18 Freon-113	151	2.736	2.736	(0.560)	90310	250.000	280.05

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 13:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.827	2.827	(0.579)	220165	250.000	247.66
	20 Carbon Disulfide	76	2.894	2.894	(0.593)	481405	250.000	244.31
	21 Methylene Chloride	84	3.071	3.071	(0.629)	188868	250.000	232.40
	22 Acetonitrile	41	2.937	2.937	(0.601)	187617	2500.00	2390.1
	23 Acrylonitrile	53	3.235	3.235	(0.662)	660875	2500.00	2313.4
	24 Methyl tert-butyl ether	73	3.284	3.284	(0.672)	628673	250.000	269.18
	25 trans-1,2-Dichloroethene	96	3.284	3.284	(0.672)	216546	250.000	262.79
	26 Hexane	86	3.497	3.497	(0.716)	63502	250.000	268.78
	27 Vinyl acetate	43	3.612	3.612	(0.740)	293998	250.000	160.37
	28 1,1-Dichloroethane	63	3.588	3.588	(0.735)	420152	250.000	260.19
	29 tert-Butyl Alcohol	59	3.144	3.144	(0.644)	458686	5000.00	5616.2
	30 2-Butanone	43	4.008	4.008	(0.821)	259998	500.000	499.63
M	31 1,2-Dichloroethene (total)	96				450430	500.000	523.36
	32 cis-1,2-dichloroethene	96	4.020	4.020	(0.823)	233884	250.000	260.56
	33 2,2-Dichloropropane	77	4.026	4.026	(0.824)	236079	250.000	268.05
	34 Bromochloromethane	128	4.190	4.190	(0.858)	108423	250.000	262.68
	35 Chloroform	83	4.245	4.245	(0.869)	394932	250.000	265.94
	36 Tetrahydrofuran	42	4.233	4.233	(0.867)	82075	250.000	285.16
	37 1,1,1-Trichloroethane	97	4.403	4.403	(0.902)	333204	250.000	278.64
	38 1,1-Dichloropropene	75	4.525	4.525	(0.926)	320027	250.000	273.87
	39 Carbon Tetrachloride	117	4.537	4.537	(0.929)	291132	250.000	275.32
	40 1,2-Dichloroethane	62	4.677	4.677	(0.958)	352425	250.000	265.79
	41 Benzene	78	4.683	4.683	(0.959)	915037	250.000	258.18
	42 Trichloroethene	130	5.170	5.170	(1.059)	232846	250.000	265.88
	43 1,2-Dichloropropane	63	5.334	5.334	(1.092)	237421	250.000	261.56
	44 1,4-Dioxane	88	5.431	5.431	(1.112)	99462	12500.0	13280
	45 Dibromomethane	93	5.431	5.431	(1.112)	122453	250.000	258.10
	46 Bromodichloromethane	83	5.547	5.547	(1.136)	297647	250.000	272.70
	47 2-Chloroethyl vinyl ether	63	5.766	5.766	(1.181)	247257	500.000	554.97
	48 cis-1,3-Dichloropropene	75	5.906	5.906	(1.209)	371408	250.000	264.92
	49 4-Methyl-2-pentanone	43	6.009	6.009	(1.230)	464107	500.000	556.53
	50 Toluene	91	6.192	6.192	(0.839)	984342	250.000	253.50
	51 trans-1,3-Dichloropropene	75	6.350	6.350	(0.861)	338510	250.000	258.43
	52 Ethyl Methacrylate	69	6.417	6.417	(0.870)	309593	250.000	271.33
	53 1,1,2-Trichloroethane	97	6.514	6.514	(0.883)	180156	250.000	251.63
	54 1,3-Dichloropropane	76	6.660	6.660	(0.903)	338358	250.000	252.58
	55 Tetrachloroethene	164	6.666	6.666	(0.904)	176188	250.000	265.63
	56 2-Hexanone	43	6.709	6.709	(0.909)	353073	500.000	543.84
	57 Dibromochloromethane	129	6.861	6.861	(0.930)	197132	250.000	265.06
	58 1,2-Dibromoethane	107	6.970	6.970	(0.945)	175466	250.000	257.52
	59 Chlorobenzene	112	7.408	7.408	(1.004)	603751	250.000	266.54
	60 1,1,1,2-Tetrachloroethane	131	7.469	7.469	(1.012)	204714	250.000	272.37
	61 Ethylbenzene	106	7.500	7.500	(1.016)	325037	250.000	275.30
	62 m + p-Xylene	106	7.603	7.603	(1.031)	796585	500.000	546.21
M	63 Xylenes (total)	106				1169084	750.000	820.96
	64 Xylene-o	106	7.968	7.968	(1.080)	372499	250.000	274.76
	65 Styrene	104	7.974	7.974	(1.081)	649447	250.000	282.51

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80400.D
Report Date: 19-Jun-2004 13:28

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.144	8.144	(1.104)	109277	250.000	274.58
67 Isopropylbenzene	105	8.309	8.309	(1.126)	925849	250.000	284.52
68 1,1,2,2-Tetrachloroethane	83	8.564	8.564	(0.896)	191310	250.000	269.54
69 1,4-Dichloro-2-butene	53	8.619	8.619	(0.902)	66174	250.000	257.04
70 1,2,3-Trichloropropane	110	8.613	8.613	(0.901)	65865	250.000	262.93
71 Bromobenzene	156	8.601	8.601	(0.900)	205343	250.000	256.31
72 n-Propylbenzene	120	8.698	8.698	(0.910)	246333	250.000	274.88
73 2-Chlorotoluene	126	8.783	8.783	(0.919)	202772	250.000	268.58
74 1,3,5-Trimethylbenzene	105	8.862	8.862	(0.927)	708346	250.000	272.13
75 4-Chlorotoluene	126	8.880	8.880	(0.929)	203472	250.000	271.37
76 tert-Butylbenzene	119	9.172	9.172	(0.960)	604411	250.000	264.15
77 1,2,4-Trimethylbenzene	105	9.221	9.221	(0.965)	683857	250.000	269.11
78 sec-Butylbenzene	105	9.385	9.385	(0.982)	861871	250.000	270.83
79 4-Isopropyltoluene	119	9.525	9.525	(0.997)	672568	250.000	269.44
80 1,3-Dichlorobenzene	146	9.495	9.495	(0.994)	342024	250.000	268.22
81 1,4-Dichlorobenzene	146	9.580	9.580	(1.003)	338621	250.000	263.71
82 n-Butylbenzene	91	9.921	9.921	(1.038)	585059	250.000	274.39
83 1,2-Dichlorobenzene	146	9.945	9.945	(1.041)	297028	250.000	256.29
84 1,2-Dibromo-3-chloropropane	157	10.693	10.693	(1.119)	24579	250.000	216.32
85 1,2,4-Trichlorobenzene	180	11.527	11.527	(1.206)	166743	250.000	229.19
86 Hexachlorobutadiene	225	11.703	11.703	(1.225)	96981	250.000	237.24
87 Naphthalene	128	11.764	11.764	(1.231)	397788	250.000	214.46
88 1,2,3-Trichlorobenzene	180	12.007	12.007	(1.257)	153083	250.000	221.52
98 Cyclohexane	56	4.464	4.464	(0.914)	391840	250.000	259.19
143 Methyl Acetate	43	2.992	2.992	(0.613)	327017	500.000	509.98
144 Methylcyclohexane	83	5.334	5.334	(1.092)	422073	250.000	277.28
141 1,3,5-Trichlorobenzene	180	10.918	10.918	(1.143)	195233	250.000	244.29

Report Date: 22-Jun-2004 21:50

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Start Cal Date: 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
12-FEB-2004 00:13	3-IX	UX91491.D
21-JUN-2004 12:58	1-8260	UX9332.D
Cal Level: 2 , Cal Amount: 50.000		
11-FEB-2004 23:48	3-IX	UX91490.D
21-JUN-2004 12:34	1-8260	UX9331.D
Cal Level: 3 , Cal Amount: 100.00		
11-FEB-2004 23:24	3-IX	UX91489.D
21-JUN-2004 12:10	1-8260	UX9330.D
Cal Level: 4 , Cal Amount: 250.00		
11-FEB-2004 23:00	3-IX	UX91488.D
21-JUN-2004 11:45	1-8260	UX9329.D
Cal Level: 5 , Cal Amount: 500.00		
11-FEB-2004 22:35	3-IX	UX91487.D
21-JUN-2004 11:21	1-8260	UX9328.D
Cal Level: 6 , Cal Amount: 1000.0		
11-FEB-2004 22:11	3-IX	UX91486.D
21-JUN-2004 10:56	1-8260	UX9327.D

Continuing Calibration

21-JUN-2004 11:45	1-8260	UX9329.D
21-JUN-2004 13:23	3-IX	UX9333.D

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INITIAL CALIBRATION DATA

Start Cal Date : 21-JUN-2004 10:56
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:19 tapsvc
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9332.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9331.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9330.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9329.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9328.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\UX9327.D

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD
	8 Dichlorodifluoromethane	0.20362	0.18671	0.19022	0.19383	0.21534	0.18897	0.19645	5.598
	9 Chloromethane	0.58620	0.55197	0.54436	0.53974	0.54555	0.50149	0.54489	4.971
	10 Vinyl Chloride	0.54238	0.46817	0.49077	0.50084	0.50794	0.46028	0.49506	5.986
	11 Bromomethane	0.29110	0.26340	0.28593	0.29273	0.32816	0.22719	0.28142	11.989
	12 Chloroethane	0.38251	0.33355	0.33565	0.36011	0.39211	0.42245	0.37106	9.333
	13 Trichlorofluoromethane	0.41571	0.33537	0.36824	0.39591	0.44894	0.51037	0.41243	14.986
	14 Acrolein	0.10421	0.08229	0.08452	0.07357	0.08318	0.08944	0.08620	11.847
	15 Acetone	0.34124	0.27870	0.27630	0.23071	0.24335	0.27127	0.27360	14.031
	16 1,1-Dichloroethene	0.29400	0.24934	0.24559	0.24492	0.26950	0.27633	0.26328	7.591
	17 Methylene Chloride	0.55499	0.39827	0.35331	0.30700	0.30545	0.30799	0.37117	26.197
	18 Carbon Disulfide	1.07663	0.90233	0.90655	0.90623	0.94574	0.93237	0.94497	7.066
	19 Acrylonitrile	0.20011	0.17685	0.18087	0.15458	0.17787	0.18954	0.17997	8.452
	20 trans-1,2-Dichloroethene	0.33348	0.29232	0.28444	0.27509	0.29170	0.28626	0.29388	6.935
	21 Vinyl acetate	0.95488	0.87740	0.91510	0.87564	1.02276	1.03454	0.94672	7.382
	22 1,1-Dichloroethane	0.69339	0.61641	0.62677	0.58915	0.62043	0.60562	0.62530	5.738
	23 2-Butanone	0.35485	0.30406	0.34073	0.27283	0.30225	0.33595	0.31845	9.606
	24 cis-1,2-dichloroethene	0.35024	0.29559	0.31107	0.29146	0.30738	0.30595	0.31028	6.752
M	25 1,2-Dichloroethene (total)	0.34187	0.29396	0.29775	0.28328	0.29954	0.29610	0.30208	6.725
	26 Chloroform	0.48874	0.41496	0.42021	0.40573	0.41728	0.42143	0.42806	7.066
	27 1,1,1-Trichloroethane	0.38045	0.31944	0.31551	0.33103	0.34823	0.33904	0.33895	6.984
	28 Carbon Tetrachloride	0.28314	0.24724	0.25339	0.25186	0.27790	0.27310	0.26444	5.815
	29 1,2-Dichloroethane	0.50988	0.43657	0.44196	0.42010	0.44305	0.46370	0.45254	6.934
	30 Benzene	1.43410	1.20448	1.22523	1.18018	1.24182	1.24509	1.25515	7.249
	31 Trichloroethene	0.33691	0.27730	0.27919	0.27028	0.28373	0.27724	0.28744	8.565
	32 1,2-Dichloropropane	0.43965	0.38184	0.38673	0.37855	0.39324	0.39568	0.39595	5.652

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 21-JUN-2004 10:56
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:19 tapsvc
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
	33 Bromodichloromethane	0.36133	0.31985	0.31437	0.30885	0.32971	0.33614	0.32838	5.776	
	34 2-Chloroethyl vinyl ether	0.18851	0.17985	0.18624	0.17788	0.20264	0.21247	0.19127	7.098	
	35 4-Methyl-2-pentanone	0.57082	0.50659	0.52861	0.45965	0.52991	0.58767	0.53054	8.634	
	36 cis-1,3-Dichloropropene	0.50790	0.41400	0.44008	0.44083	0.46302	0.48084	0.45778	7.304	
	37 Toluene	2.09738	1.74744	1.80430	1.78815	1.80825	1.78842	1.83899	6.982	
	38 trans-1,3-Dichloropropene	0.48933	0.50191	0.53084	0.52032	0.55439	0.56457	0.52689	5.546	
	39 2-Hexanone	0.67654	0.60374	0.66636	0.56657	0.61732	0.67466	0.63420	7.140	
	40 1,1,2-Trichloroethane	0.43316	0.34481	0.33403	0.32162	0.33366	0.33845	0.35096	11.678	
	41 Tetrachloroethene	0.32411	0.26699	0.28411	0.27615	0.28317	0.26790	0.28374	7.427	
	42 Dibromochloromethane	0.33225	0.29969	0.31743	0.30487	0.30852	0.32292	0.31428	3.877	
	43 Chlorobenzene	1.30734	1.17856	1.19078	1.11711	1.14591	1.16395	1.18394	5.554	
	44 Ethylbenzene	0.70064	0.62985	0.62986	0.63695	0.65193	0.65636	0.65093	4.114	
	45 m + p-Xylene	0.89229	0.73682	0.79224	0.79089	0.83025	0.85140	0.81565	6.657	
	46 Xylene-o	0.88033	0.72538	0.79922	0.77657	0.83057	0.83650	0.80810	6.652	
M	47 Xylenes (total)	0.88831	0.73301	0.79457	0.78612	0.83036	0.84644	0.81313	6.634	
	48 Styrene	1.36785	1.25686	1.30328	1.33922	1.43960	1.48524	1.36534	6.232	
	49 Bromoform	0.20198	0.16915	0.17731	0.17540	0.20185	0.21425	0.18999	9.653	
	50 1,1,2,2-Tetrachloroethane	1.10622	0.94750	1.03781	0.90906	0.98489	1.04525	1.00512	7.154	
	51 1,3-Dichlorobenzene	2.12678	1.75727	1.80334	1.80222	1.81480	1.79593	1.85006	7.404	
	52 1,4-Dichlorobenzene	2.34555	1.76812	1.83550	1.80741	1.81234	1.82294	1.89864	11.593	
	53 1,2-Dichlorobenzene	2.11008	1.73655	1.75709	1.71294	1.74040	1.75263	1.80162	8.432	
	54 Freon-113	0.18477	0.17645	0.17034	0.17961	0.19620	0.18827	0.18261	5.012	
	55 Acetonitrile	0.07201	0.06260	0.06085	0.05280	0.05810	0.06272	0.06151	10.301	
	56 Iodomethane	0.41595	0.36434	0.36631	0.36001	0.37628	0.38243	0.37755	5.440	
	57 3-Chloropropene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	58 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	59 Propionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	60 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	61 Isobutanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	62 Methyl Methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	63 1,4-Dioxane	0.00406	0.00348	0.00342	0.00299	0.00304	0.00352	0.00342	11.307	<-
	64 Dibromomethane	0.16599	0.14906	0.14294	0.14079	0.15194	0.15635	0.15118	6.114	
	65 Ethyl Methacrylate	0.54874	0.46758	0.54123	0.50630	0.55969	0.58521	0.53479	7.812	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 21-JUN-2004 10:56
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:19 tapsvc
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
66	1,2-Dibromoethane	0.38979	0.32562	0.32545	0.31011	0.32171	0.33302	0.33429	8.439	
67	1,1,1,2-Tetrachloroethane	0.36915	0.32235	0.34491	0.35381	0.35710	0.37336	0.35345	5.211	
68	1,2,3-Trichloropropane	1.34679	1.07620	1.21876	1.12890	1.18989	1.32732	1.21464	8.814	
69	1,4-Dichloro-2-butene	0.48177	0.41195	0.45595	0.40957	0.46490	0.52178	0.45765	9.347	
70	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
71	Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
145	1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
72	1,2-Dibromo-3-chloropropane	0.20957	0.15977	0.17169	0.15887	0.17869	0.19111	0.17829	10.957	
73	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
74	n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
75	Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
76	Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
77	Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
78	Methyl tert-butyl ether	1.07663	0.92944	0.93723	0.87868	0.96631	1.00493	0.96554	7.107	
79	Tetrahydrofuran	0.20771	0.15512	0.16094	0.13324	0.14885	0.15424	0.16002	15.748	
80	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
81	2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
82	tert-Butyl Alcohol	0.04856	0.04024	0.04114	0.03395	0.03787	0.04548	0.04121	12.707	
83	Cyclohexane	0.88212	0.74471	0.77308	0.76955	0.82981	0.78761	0.79782	6.259	
84	Hexane	0.66761	0.56379	0.55099	0.56839	0.59799	0.58736	0.58936	7.106	
85	Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
86	2,2-Dichloropropane	0.24615	0.20229	0.21222	0.20911	0.21317	0.19527	0.21303	8.248	
87	1,1-Dichloropropene	0.39753	0.35368	0.33580	0.35072	0.36718	0.35984	0.36079	5.771	
88	1,3-Dichloropropane	0.76005	0.64207	0.63255	0.60654	0.62065	0.63950	0.65023	8.518	
89	Isopropylbenzene	2.04845	1.67606	1.89444	1.88576	1.99340	1.93546	1.90560	6.729	
90	Bromobenzene	0.99422	0.87757	0.84497	0.83606	0.85445	0.86856	0.87931	6.630	
91	2-Chlorotoluene	1.11180	0.88084	0.91288	0.94137	0.93812	0.94413	0.95486	8.438	
92	n-Propylbenzene	1.27162	1.05820	1.12241	1.16882	1.18340	1.11304	1.15292	6.347	
93	4-Chlorotoluene	1.10398	0.98358	0.96566	0.98982	0.98681	0.98764	1.00291	5.013	
94	1,3,5-Trimethylbenzene	3.48623	2.97392	3.23212	3.28881	3.47612	3.33059	3.29797	5.716	
95	tert-Butylbenzene	3.38176	2.55824	3.02139	3.08279	2.98132	2.92841	2.99232	8.884	
96	1,2,4-Trimethylbenzene	3.54047	3.04250	3.31353	3.33749	3.46550	3.40461	3.35068	5.146	
97	sec-Butylbenzene	5.09793	4.14623	4.62209	4.70622	4.81731	4.45801	4.64130	6.967	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 21-JUN-2004 10:56
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:19 tapsvc
Curve Type : Average

Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
98 4-Isopropyltoluene	4.00518	3.19363	3.60065	3.69956	3.79584	3.55223	3.64118	7.468	
99 n-Butylbenzene	3.86147	3.10981	3.46108	3.65049	3.79823	3.45591	3.55617	7.742	
100 1,2,4-Trichlorobenzene	1.27484	0.97096	1.08622	1.05074	1.11431	0.97069	1.07796	10.483	
101 Naphthalene	3.75305	2.93552	3.33297	2.99571	3.29770	3.02091	3.22264	9.552	
102 Hexachlorobutadiene	0.51869	0.39101	0.45526	0.45247	0.45446	0.37947	0.44190	11.464	
103 1,2,3-Trichlorobenzene	1.13375	0.90102	1.00653	0.99243	1.03738	0.89075	0.99365	9.100	
104 Isopropyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 N-Propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Isopropyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 N-Propyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 N-Butyl acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
110 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Bromochloromethane	0.14679	0.12484	0.13303	0.12724	0.13122	0.13368	0.13280	5.769	
112 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
137 1,3,5-Trichlorobenzene	1.36121	1.01637	1.22366	1.16209	1.23280	1.08762	1.18063	10.246	
138 Methyl Acetate	0.39478	0.32780	0.34820	0.29206	0.33228	0.35244	0.34126	9.911	
139 Methylcyclohexane	0.62087	0.50604	0.53371	0.54550	0.56369	0.55157	0.55356	6.929	
140 Ethyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 n-Butyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 2-Methylnapthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 4 1,2-Dichloroethane-d4	0.41708	0.37340	0.31743	0.31613	0.31221	0.30965	0.34098	12.999	
$ 5 Toluene-d8	2.31599	1.97333	1.65828	1.53259	1.53688	1.47405	1.74852	18.924	
$ 6 Bromofluorobenzene	1.11794	0.81586	0.64013	0.59092	0.58065	0.55849	0.71733	30.291	
$ 7 Dibromofluoromethane	0.31143	0.25743	0.22226	0.21608	0.23046	0.22558	0.24388	14.788	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91491.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91490.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91489.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91488.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91487.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91486.D

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD
8	Dichlorodifluoromethane	0.20362	0.18671	0.19022	0.19383	0.21534	0.18897	0.19645	5.598
9	Chloromethane	0.58620	0.55197	0.54436	0.53974	0.54555	0.50149	0.54488	4.971
10	Vinyl Chloride	0.54238	0.46817	0.49077	0.50084	0.50794	0.46028	0.49506	5.985
11	Bromomethane	0.29110	0.26340	0.28593	0.29273	0.32816	0.22719	0.28142	11.989
12	Chloroethane	0.38251	0.33355	0.33565	0.36011	0.39211	0.42245	0.37106	9.333
13	Trichlorofluoromethane	0.41571	0.33537	0.36824	0.39591	0.44894	0.51037	0.41243	14.986
14	Acrolein	0.10421	0.08229	0.08452	0.07357	0.08318	0.08944	0.08620	11.847
15	Acetone	0.34124	0.27870	0.27630	0.23071	0.24335	0.27127	0.27360	14.031
16	1,1-Dichloroethene	0.29400	0.24934	0.24559	0.24492	0.26950	0.27633	0.26328	7.591
17	Methylene Chloride	0.55499	0.39827	0.35331	0.30700	0.30545	0.30799	0.37117	26.196
18	Carbon Disulfide	1.07663	0.90233	0.90655	0.90623	0.94574	0.93237	0.94497	7.065
19	Acrylonitrile	0.20011	0.17685	0.18087	0.15458	0.17787	0.18954	0.17997	8.452
20	trans-1,2-Dichloroethene	0.33348	0.29232	0.28444	0.27509	0.29170	0.28626	0.29388	6.933
21	Vinyl acetate	0.95488	0.87740	0.91510	0.87564	1.02276	1.03454	0.94672	7.382
22	1,1-Dichloroethane	0.69339	0.61641	0.62677	0.58915	0.62043	0.60562	0.62529	5.737
23	2-Butanone	0.35485	0.30406	0.34073	0.27283	0.30225	0.33595	0.31845	9.606
24	cis-1,2-dichloroethene	0.35024	0.29559	0.31107	0.29146	0.30738	0.30595	0.31028	6.752
M 25	1,2-Dichloroethene (total)	0.34186	0.29395	0.29775	0.28328	0.29954	0.29610	0.30208	6.724
26	Chloroform	0.48874	0.41496	0.42021	0.40573	0.41728	0.42143	0.42806	7.066
27	1,1,1-Trichloroethane	0.38045	0.31944	0.31551	0.33103	0.34823	0.33904	0.33895	6.984
28	Carbon Tetrachloride	0.28314	0.24724	0.25339	0.25186	0.27790	0.27310	0.26444	5.814
29	1,2-Dichloroethane	0.50988	0.43657	0.44196	0.42010	0.44305	0.46370	0.45254	6.933
30	Benzene	1.43410	1.20448	1.22523	1.18018	1.24182	1.24509	1.25515	7.249
31	Trichloroethene	0.33691	0.27730	0.27919	0.27028	0.28373	0.27724	0.28744	8.564
32	1,2-Dichloropropane	0.43965	0.38184	0.38673	0.37855	0.39324	0.39568	0.39595	5.652

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
	33 Bromodichloromethane	0.36133	0.31985	0.31437	0.30885	0.32971	0.33614	0.32838	5.775	
	34 2-Chloroethyl vinyl ether	0.18851	0.17985	0.18624	0.17788	0.20264	0.21247	0.19127	7.098	
	35 4-Methyl-2-pentanone	0.57082	0.50659	0.52861	0.45965	0.52991	0.58767	0.53054	8.634	
	36 cis-1,3-Dichloropropene	0.50790	0.41400	0.44008	0.44083	0.46302	0.48084	0.45778	7.303	
	37 Toluene	2.09738	1.74744	1.80430	1.78815	1.80825	1.78842	1.83899	6.982	
	38 trans-1,3-Dichloropropene	0.48933	0.50191	0.53084	0.52032	0.55439	0.56457	0.52689	5.546	
	39 2-Hexanone	0.67654	0.60374	0.66636	0.56657	0.61732	0.67466	0.63420	7.140	
	40 1,1,2-Trichloroethane	0.43316	0.34481	0.33403	0.32162	0.33366	0.33845	0.35095	11.677	
	41 Tetrachloroethene	0.32411	0.26699	0.28411	0.27615	0.28317	0.26790	0.28374	7.426	
	42 Dibromochloromethane	0.33225	0.29969	0.31743	0.30487	0.30852	0.32292	0.31428	3.877	
	43 Chlorobenzene	1.30734	1.17856	1.19078	1.11711	1.14591	1.16395	1.18394	5.554	
	44 Ethylbenzene	0.70064	0.62985	0.62986	0.63695	0.65193	0.65636	0.65093	4.114	
	45 m + p-Xylene	0.89229	0.73682	0.79224	0.79089	0.83025	0.85140	0.81565	6.657	
	46 Xylene-o	0.88033	0.72538	0.79922	0.77657	0.83057	0.83650	0.80810	6.651	
M	47 Xylenes (total)	0.88830	0.73301	0.79457	0.78612	0.83036	0.84644	0.81313	6.634	
	48 Styrene	1.36785	1.25686	1.30328	1.33922	1.43960	1.48524	1.36534	6.232	
	49 Bromoform	0.20198	0.16915	0.17731	0.17540	0.20185	0.21425	0.18999	9.652	
	50 1,1,2,2-Tetrachloroethane	1.10622	0.94750	1.03781	0.90906	0.98489	1.04525	1.00512	7.154	
	51 1,3-Dichlorobenzene	2.12678	1.75727	1.80334	1.80222	1.81480	1.79593	1.85006	7.404	
	52 1,4-Dichlorobenzene	2.34555	1.76812	1.83550	1.80741	1.81234	1.82294	1.89864	11.593	
	53 1,2-Dichlorobenzene	2.11008	1.73655	1.75709	1.71294	1.74040	1.75263	1.80162	8.432	
	54 Freon-113	0.18477	0.17645	0.17034	0.17961	0.19620	0.18827	0.18261	5.012	
	55 Acetonitrile	0.07201	0.06260	0.06085	0.05280	0.05810	0.06272	0.06151	10.301	
	56 Iodomethane	0.41595	0.36434	0.36631	0.36001	0.37628	0.38243	0.37755	5.439	
	57 3-Chloropropene	0.13599	0.12852	0.13513	0.14144	0.14064	0.14425	0.13766	4.101	
	58 2-Chloro-1,3-butadiene	0.63192	0.62173	0.60701	0.63905	0.65232	0.67857	0.63843	3.908	
	59 Propionitrile	0.07342	0.06655	0.07325	0.07104	0.06912	0.06882	0.07037	3.845	
	60 Methacrylonitrile	0.31460	0.29835	0.32178	0.31326	0.31443	0.31853	0.31349	2.574	
	61 Isobutanol	0.01186	0.01153	0.01303	0.01463	0.01630	0.01819	0.01426	18.427	
	62 Methyl Methacrylate	0.41143	0.39805	0.43701	0.44734	0.44965	0.47795	0.43690	6.566	
	63 1,4-Dioxane	0.00406	0.00348	0.00342	0.00299	0.00304	0.00352	0.00342	11.306	<-
	64 Dibromomethane	0.16599	0.14906	0.14294	0.14079	0.15194	0.15635	0.15118	6.114	
	65 Ethyl Methacrylate	0.54874	0.46758	0.54123	0.50630	0.55969	0.58521	0.53479	7.812	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels
Curve Type : Average

Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
66 1,2-Dibromoethane	0.38979	0.32562	0.32545	0.31011	0.32171	0.33302	0.33428	8.438	
67 1,1,1,2-Tetrachloroethane	0.36915	0.32235	0.34491	0.35381	0.35710	0.37336	0.35345	5.211	
68 1,2,3-Trichloropropane	1.34679	1.07620	1.21876	1.12890	1.18989	1.32732	1.21464	8.814	
69 1,4-Dichloro-2-butene	0.48177	0.41195	0.45595	0.40957	0.46490	0.52178	0.45765	9.347	
70 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
71 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
145 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
72 1,2-Dibromo-3-chloropropane	0.20957	0.15977	0.17169	0.15887	0.17869	0.19111	0.17828	10.954	
73 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
74 n-Butanol	0.00717	0.00691	0.00826	0.01027	0.01126	0.01205	0.00932	23.333	<-
75 Ethyl Acetate	0.48930	0.48668	0.51246	0.52162	0.52242	0.53622	0.51145	3.854	
76 Cyclohexanone	0.03957	0.03810	0.04491	0.03394	0.03765	0.03414	0.03805	10.622	
77 Ethyl Ether	0.33301	0.30525	0.33723	0.33122	0.32832	0.34122	0.32937	3.845	
78 Methyl tert-butyl ether	1.07663	0.92944	0.93723	0.87868	0.96631	1.00493	0.96554	7.107	
79 Tetrahydrofuran	0.20771	0.15512	0.16094	0.13324	0.14885	0.15424	0.16001	15.747	
80 Dichlorofluoromethane	0.56759	0.55866	0.55864	0.56930	0.57823	0.65152	0.58066	6.111	
81 2-Nitropropane	0.07899	0.07690	0.08309	0.09864	0.10240	0.12102	0.09351	18.256	
82 tert-Butyl Alcohol	0.04856	0.04024	0.04114	0.03395	0.03787	0.04548	0.04121	12.706	
83 Cyclohexane	0.88212	0.74471	0.77308	0.76955	0.82981	0.78761	0.79781	6.259	
84 Hexane	0.66761	0.56379	0.55099	0.56839	0.59799	0.58736	0.58936	7.105	
85 Isopropyl Ether	0.26123	0.24325	0.25273	0.25759	0.25084	0.26107	0.25445	2.729	
86 2,2-Dichloropropane	0.24615	0.20229	0.21222	0.20911	0.21317	0.19527	0.21303	8.247	
87 1,1-Dichloropropene	0.39753	0.35368	0.33580	0.35072	0.36718	0.35984	0.36079	5.771	
88 1,3-Dichloropropane	0.76005	0.64207	0.63255	0.60654	0.62065	0.63950	0.65023	8.518	
89 Isopropylbenzene	2.04845	1.67606	1.89444	1.88576	1.99340	1.93546	1.90559	6.729	
90 Bromobenzene	0.99422	0.87757	0.84497	0.83606	0.85445	0.86856	0.87930	6.630	
91 2-Chlorotoluene	1.11180	0.88084	0.91288	0.94137	0.93812	0.94413	0.95486	8.437	
92 n-Propylbenzene	1.27162	1.05820	1.12241	1.16882	1.18340	1.11304	1.15291	6.346	
93 4-Chlorotoluene	1.10398	0.98358	0.96566	0.98982	0.98681	0.98764	1.00291	5.013	
94 1,3,5-Trimethylbenzene	3.48623	2.97392	3.23212	3.28881	3.47612	3.33059	3.29796	5.716	
95 tert-Butylbenzene	3.38176	2.55824	3.02139	3.08279	2.98132	2.92841	2.99232	8.884	
96 1,2,4-Trimethylbenzene	3.54047	3.04250	3.31353	3.33749	3.46550	3.40461	3.35068	5.146	
97 sec-Butylbenzene	5.09793	4.14623	4.62209	4.70622	4.81731	4.45801	4.64130	6.967	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels
Curve Type : Average

Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
98 4-Isopropyltoluene	4.00518	3.19363	3.60065	3.69956	3.79584	3.55223	3.64118	7.468	
99 n-Butylbenzene	3.86147	3.10981	3.46108	3.65049	3.79823	3.45591	3.55617	7.742	
100 1,2,4-Trichlorobenzene	1.27484	0.97096	1.08622	1.05074	1.11431	0.97069	1.07796	10.483	
101 Naphthalene	3.75305	2.93552	3.33297	2.99571	3.29770	3.02091	3.22264	9.552	
102 Hexachlorobutadiene	0.51869	0.39101	0.45526	0.45247	0.45446	0.37947	0.44190	11.464	
103 1,2,3-Trichlorobenzene	1.13375	0.90102	1.00653	0.99243	1.03738	0.89075	0.99364	9.100	
104 Isopropyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 N-Propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Isopropyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 N-Propyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 N-Butyl acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
110 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Bromochloromethane	0.14679	0.12484	0.13303	0.12724	0.13122	0.13368	0.13280	5.768	
112 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
137 1,3,5-Trichlorobenzene	1.36121	1.01637	1.22366	1.16209	1.23280	1.08762	1.18063	10.246	
138 Methyl Acetate	0.39478	0.32780	0.34820	0.29206	0.33228	0.35244	0.34126	9.911	
139 Methylcyclohexane	0.62087	0.50604	0.53371	0.54550	0.56369	0.55157	0.55356	6.928	
140 Ethyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 n-Butyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 2-Methylnapthalene	1.45451	1.58793	1.81216	1.72037	1.78211	1.66706	1.67069	7.963	
$ 4 1,2-Dichloroethane-d4	0.41708	0.37340	0.31743	0.31613	0.31221	0.30965	0.34098	12.999	
$ 5 Toluene-d8	2.31599	1.97333	1.65828	1.53259	1.53688	1.47405	1.74852	18.924	
$ 6 Bromofluorobenzene	1.11794	0.81586	0.64013	0.59092	0.58065	0.55849	0.71733	30.290	
$ 7 Dibromofluoromethane	0.31143	0.25743	0.22226	0.21608	0.23046	0.22558	0.24387	14.786	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91491.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91490.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91489.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91488.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91487.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91486.D

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
8 Dichlorodifluoromethane	0.20362	0.18671	0.19022	0.19383	0.21534	0.18897	AVRG		0.19645		5.59808
9 Chloromethane	0.58620	0.55197	0.54436	0.53974	0.54555	0.50149	AVRG		0.54488		4.97056
10 Vinyl Chloride	0.54238	0.46817	0.49077	0.50084	0.50794	0.46028	AVRG		0.49506		5.98501
11 Bromomethane	0.29110	0.26340	0.28593	0.29273	0.32816	0.22719	AVRG		0.28142		11.98918
12 Chloroethane	0.38251	0.33355	0.33565	0.36011	0.39211	0.42245	AVRG		0.37106		9.33304
13 Trichlorofluoromethane	0.41571	0.33537	0.36824	0.39591	0.44894	0.51037	AVRG		0.41243		14.98620
14 Acrolein	0.10421	0.08229	0.08452	0.07357	0.08318	0.08944	AVRG		0.08620		11.84696
15 Acetone	0.34124	0.27870	0.27630	0.23071	0.24335	0.27127	AVRG		0.27360		14.03076
16 1,1-Dichloroethene	0.29400	0.24934	0.24559	0.24492	0.26950	0.27633	AVRG		0.26328		7.59059

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	17 Methylene Chloride	52368	75568	138746	306661	602515	1203817	QUAD	-0.08916	3.55083	-0.18894	0.99995
	18 Carbon Disulfide	1.07663	0.90233	0.90655	0.90623	0.94574	0.93237	AVRG		0.94497		7.06539
	19 Acrylonitrile	0.20011	0.17685	0.18087	0.15458	0.17787	0.18954	AVRG		0.17997		8.45183
	20 trans-1,2-Dichloroethene	0.33348	0.29232	0.28444	0.27509	0.29170	0.28626	AVRG		0.29388		6.93350
	21 Vinyl acetate	0.95488	0.87740	0.91510	0.87564	1.02276	1.03454	AVRG		0.94672		7.38176
	22 1,1-Dichloroethane	0.69339	0.61641	0.62677	0.58915	0.62043	0.60562	AVRG		0.62529		5.73729
	23 2-Butanone	0.35485	0.30406	0.34073	0.27283	0.30225	0.33595	AVRG		0.31845		9.60637
	24 cis-1,2-dichloroethene	0.35024	0.29559	0.31107	0.29146	0.30738	0.30595	AVRG		0.31028		6.75181
M	25 1,2-Dichloroethene (total)	0.34186	0.29395	0.29775	0.28328	0.29954	0.29610	AVRG		0.30208		6.72435
	26 Chloroform	0.48874	0.41496	0.42021	0.40573	0.41728	0.42143	AVRG		0.42806		7.06603
	27 1,1,1-Trichloroethane	0.38045	0.31944	0.31551	0.33103	0.34823	0.33904	AVRG		0.33895		6.98358
	28 Carbon Tetrachloride	0.28314	0.24724	0.25339	0.25186	0.27790	0.27310	AVRG		0.26444		5.81438
	29 1,2-Dichloroethane	0.50988	0.43657	0.44196	0.42010	0.44305	0.46370	AVRG		0.45254		6.93344
	30 Benzene	1.43410	1.20448	1.22523	1.18018	1.24182	1.24509	AVRG		1.25515		7.24856
	31 Trichloroethene	0.33691	0.27730	0.27919	0.27028	0.28373	0.27724	AVRG		0.28744		8.56440
	32 1,2-Dichloropropane	0.43965	0.38184	0.38673	0.37855	0.39324	0.39568	AVRG		0.39595		5.65198
	33 Bromodichloromethane	0.36133	0.31985	0.31437	0.30885	0.32971	0.33614	AVRG		0.32838		5.77500

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	34 2-Chloroethyl vinyl ether	0.18851	0.17985	0.18624	0.17788	0.20264	0.21247	AVRG		0.19127		7.09784
	35 4-Methyl-2-pentanone	0.57082	0.50659	0.52861	0.45965	0.52991	0.58767	AVRG		0.53054		8.63357
	36 cis-1,3-Dichloropropene	0.50790	0.41400	0.44008	0.44083	0.46302	0.48084	AVRG		0.45778		7.30346
	37 Toluene	2.09738	1.74744	1.80430	1.78815	1.80825	1.78842	AVRG		1.83899		6.98218
	38 trans-1,3-Dichloropropene	0.48933	0.50191	0.53084	0.52032	0.55439	0.56457	AVRG		0.52689		5.54617
	39 2-Hexanone	0.67654	0.60374	0.66636	0.56657	0.61732	0.67466	AVRG		0.63420		7.13956
	40 1,1,2-Trichloroethane	0.43316	0.34481	0.33403	0.32162	0.33366	0.33845	AVRG		0.35095		11.67707
	41 Tetrachloroethene	0.32411	0.26699	0.28411	0.27615	0.28317	0.26790	AVRG		0.28374		7.42596
	42 Dibromochloromethane	0.33225	0.29969	0.31743	0.30487	0.30852	0.32292	AVRG		0.31428		3.87696
	43 Chlorobenzene	1.30734	1.17856	1.19078	1.11711	1.14591	1.16395	AVRG		1.18394		5.55362
	44 Ethylbenzene	0.70064	0.62985	0.62986	0.63695	0.65193	0.65636	AVRG		0.65093		4.11358
	45 m + p-Xylene	0.89229	0.73682	0.79224	0.79089	0.83025	0.85140	AVRG		0.81565		6.65655
	46 Xylene-o	0.88033	0.72538	0.79922	0.77657	0.83057	0.83650	AVRG		0.80810		6.65133
M	47 Xylenes (total)	0.88830	0.73301	0.79457	0.78612	0.83036	0.84644	AVRG		0.81313		6.63427
	48 Styrene	1.36785	1.25686	1.30328	1.33922	1.43960	1.48524	AVRG		1.36534		6.23205
	49 Bromoform	0.20198	0.16915	0.17731	0.17540	0.20185	0.21425	AVRG		0.18999		9.65207
	50 1,1,2,2-Tetrachloroethane	1.10622	0.94750	1.03781	0.90906	0.98489	1.04525	AVRG		1.00512		7.15434

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
51 1,3-Dichlorobenzene	2.12678	1.75727	1.80334	1.80222	1.81480	1.79593	AVRG		1.85006		7.40440	
52 1,4-Dichlorobenzene	2.34555	1.76812	1.83550	1.80741	1.81234	1.82294	AVRG		1.89864		11.59315	
53 1,2-Dichlorobenzene	2.11008	1.73655	1.75709	1.71294	1.74040	1.75263	AVRG		1.80162		8.43164	
54 Freon-113	0.18477	0.17645	0.17034	0.17961	0.19620	0.18827	AVRG		0.18261		5.01181	
55 Acetonitrile	0.07201	0.06260	0.06085	0.05280	0.05810	0.06272	AVRG		0.06151		10.30108	
56 Iodomethane	0.41595	0.36434	0.36631	0.36001	0.37628	0.38243	AVRG		0.37755		5.43910	
57 3-Chloropropene	0.13599	0.12852	0.13513	0.14144	0.14064	0.14425	AVRG		0.13766		4.10087	
58 2-Chloro-1,3-butadiene	0.63192	0.62173	0.60701	0.63905	0.65232	0.67857	AVRG		0.63843		3.90840	
59 Propionitrile	0.07342	0.06655	0.07325	0.07104	0.06912	0.06882	AVRG		0.07037		3.84473	
60 Methacrylonitrile	0.31460	0.29835	0.32178	0.31326	0.31443	0.31853	AVRG		0.31349		2.57422	
61 Isobutanol	22093	44044	100004	281061	646343	1424447	WLINR	1.18907	0.01762		0.99352	
62 Methyl Methacrylate	0.41143	0.39805	0.43701	0.44734	0.44965	0.47795	AVRG		0.43690		6.56560	
63 1,4-Dioxane	0.00406	0.00348	0.00342	0.00299	0.00304	0.00352	AVRG		0.00342		11.30555	<-
64 Dibromomethane	0.16599	0.14906	0.14294	0.14079	0.15194	0.15635	AVRG		0.15118		6.11377	
65 Ethyl Methacrylate	0.54874	0.46758	0.54123	0.50630	0.55969	0.58521	AVRG		0.53479		7.81214	
66 1,2-Dibromoethane	0.38979	0.32562	0.32545	0.31011	0.32171	0.33302	AVRG		0.33428		8.43770	
67 1,1,1,2-Tetrachloroethane	0.36915	0.32235	0.34491	0.35381	0.35710	0.37336	AVRG		0.35345		5.21127	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
68 1,2,3-Trichloropropane	1.34679	1.07620	1.21876	1.12890	1.18989	1.32732	AVRG		1.21464		8.81398	
69 1,4-Dichloro-2-butene	0.48177	0.41195	0.45595	0.40957	0.46490	0.52178	AVRG		0.45765		9.34720	
70 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
71 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
145 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
72 1,2-Dibromo-3-chloropropane	0.20957	0.15977	0.17169	0.15887	0.17869	0.19111	AVRG		0.17828		10.95391	
73 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
74 n-Butanol	13362	26412	63423	197192	446505	943690	WLINR	1.34370	0.01188		0.99559	<-
75 Ethyl Acetate	0.48930	0.48668	0.51246	0.52162	0.52242	0.53622	AVRG		0.51145		3.85360	
76 Cyclohexanone	0.03957	0.03810	0.04491	0.03394	0.03765	0.03414	AVRG		0.03805		10.62199	
77 Ethyl Ether	0.33301	0.30525	0.33723	0.33122	0.32832	0.34122	AVRG		0.32937		3.84481	
78 Methyl tert-butyl ether	1.07663	0.92944	0.93723	0.87868	0.96631	1.00493	AVRG		0.96554		7.10682	
79 Tetrahydrofuran	19599	29433	63202	133088	293601	602844	WLINR	-0.02313	0.14896		0.99582	
80 Dichlorofluoromethane	0.56759	0.55866	0.55864	0.56930	0.57823	0.65152	AVRG		0.58066		6.11130	
81 2-Nitropropane	14712	29384	63783	189467	405940	947586	WLINR	0.12007	0.11582		0.99106	
82 tert-Butyl Alcohol	0.04856	0.04024	0.04114	0.03395	0.03787	0.04548	AVRG		0.04121		12.70635	
83 Cyclohexane	0.88212	0.74471	0.77308	0.76955	0.82981	0.78761	AVRG		0.79781		6.25862	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
84 Hexane	0.66761	0.56379	0.55099	0.56839	0.59799	0.58736	AVRG		0.58936		7.10538
85 Isopropyl Ether	0.26123	0.24325	0.25273	0.25759	0.25084	0.26107	AVRG		0.25445		2.72931
86 2,2-Dichloropropane	0.24615	0.20229	0.21222	0.20911	0.21317	0.19527	AVRG		0.21303		8.24738
87 1,1-Dichloropropene	0.39753	0.35368	0.33580	0.35072	0.36718	0.35984	AVRG		0.36079		5.77096
88 1,3-Dichloropropane	0.76005	0.64207	0.63255	0.60654	0.62065	0.63950	AVRG		0.65023		8.51790
89 Isopropylbenzene	2.04845	1.67606	1.89444	1.88576	1.99340	1.93546	AVRG		1.90559		6.72918
90 Bromobenzene	0.99422	0.87757	0.84497	0.83606	0.85445	0.86856	AVRG		0.87930		6.62953
91 2-Chlorotoluene	1.11180	0.88084	0.91288	0.94137	0.93812	0.94413	AVRG		0.95486		8.43681
92 n-Propylbenzene	1.27162	1.05820	1.12241	1.16882	1.18340	1.11304	AVRG		1.15291		6.34590
93 4-Chlorotoluene	1.10398	0.98358	0.96566	0.98982	0.98681	0.98764	AVRG		1.00291		5.01324
94 1,3,5-Trimethylbenzene	3.48623	2.97392	3.23212	3.28881	3.47612	3.33059	AVRG		3.29796		5.71584
95 tert-Butylbenzene	3.38176	2.55824	3.02139	3.08279	2.98132	2.92841	AVRG		2.99232		8.88371
96 1,2,4-Trimethylbenzene	3.54047	3.04250	3.31353	3.33749	3.46550	3.40461	AVRG		3.35068		5.14576
97 sec-Butylbenzene	5.09793	4.14623	4.62209	4.70622	4.81731	4.45801	AVRG		4.64130		6.96671
98 4-Isopropyltoluene	4.00518	3.19363	3.60065	3.69956	3.79584	3.55223	AVRG		3.64118		7.46773
99 n-Butylbenzene	3.86147	3.10981	3.46108	3.65049	3.79823	3.45591	AVRG		3.55617		7.74228
100 1,2,4-Trichlorobenzene	1.27484	0.97096	1.08622	1.05074	1.11431	0.97069	AVRG		1.07796		10.48312

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
101 Naphthalene	3.75305	2.93552	3.33297	2.99571	3.29770	3.02091	AVRG		3.22264		9.55187	
102 Hexachlorobutadiene	0.51869	0.39101	0.45526	0.45247	0.45446	0.37947	AVRG		0.44190		11.46356	
103 1,2,3-Trichlorobenzene	1.13375	0.90102	1.00653	0.99243	1.03738	0.89075	AVRG		0.99364		9.09985	
104 Isopropyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
105 N-Propanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
106 Isopropyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
107 N-Propyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
108 N-Butyl acetate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
109 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
110 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
111 Bromochloromethane	0.14679	0.12484	0.13303	0.12724	0.13122	0.13368	AVRG		0.13280		5.76778	
112 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
135 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
136 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
137 1,3,5-Trichlorobenzene	1.36121	1.01637	1.22366	1.16209	1.23280	1.08762	AVRG		1.18063		10.24558	
138 Methyl Acetate	0.39478	0.32780	0.34820	0.29206	0.33228	0.35244	AVRG		0.34126		9.91125	
139 Methylcyclohexane	0.62087	0.50604	0.53371	0.54550	0.56369	0.55157	AVRG		0.55356		6.92798	

STL North Canton

INITIAL CALIBRATION DATA

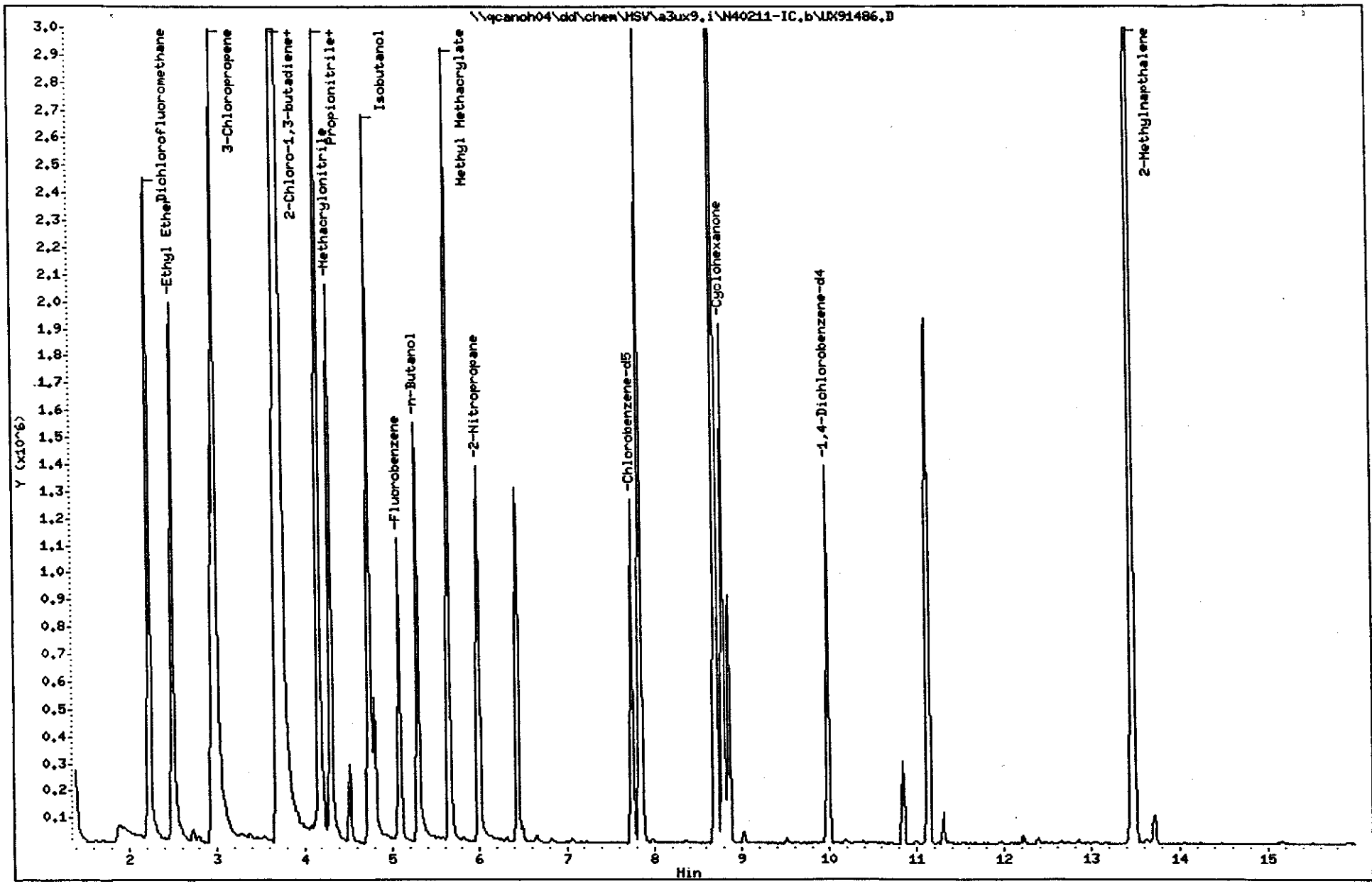
Start Cal Date : 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A.b\8260SUX9-3.m
Cal Date : 21-Jun-2004 13:30 mcdaniels

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
140 Ethyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
141 n-Butyl acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
142 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
143 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
147 2-Methylnapthalene	1.45451	1.58793	1.81216	1.72037	1.78211	1.66706	AVRG		1.67069		7.96290	
$ 4 1,2-Dichloroethane-d4	0.41708	0.37340	0.31743	0.31613	0.31221	0.30965	AVRG		0.34098		12.99919	
$ 5 Toluene-d8	156789	267285	461731	1100727	2276553	4409995	WLINR	-0.06102	1.46227		0.99969	
$ 6 Bromofluorobenzene	75683	110507	178238	424403	860106	1670849	WLINR	-0.09854	0.54503		0.99945	
$ 7 Dibromofluoromethane	0.31143	0.25743	0.22226	0.21608	0.23046	0.22558	AVRG		0.24387		14.78626	

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91486.D
Date : 11-FEB-2004 22:11
Client ID:
Sample Info: 1000NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91486.D
Lab Smp Id: 1000NG-IC
Inj Date : 11-FEB-2004 22:11
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 1000NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:12 mcdaniels Quant Type: ISTD
Cal Date : 11-FEB-2004 22:11 Cal File: UX91486.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.085	5.085	(1.000)	978770	250.000	
* 2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	713828	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	376424	250.000	
57 3-Chloropropene	76	2.990	2.990	(0.588)	564763	1000.00	1000.0
58 2-Chloro-1,3-butadiene	53	3.736	3.736	(0.735)	2656650	1000.00	1000.0
59 Propionitrile	54	4.174	4.174	(0.821)	538906	2000.00	2000.0(A)
60 Methacrylonitrile	41	4.304	4.304	(0.846)	1247078	1000.00	1000.0
61 Isobutanol	41	4.742	4.742	(0.933)	1424447	20000.0	20000(A)
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	1871194	1000.00	1000.0
74 n-Butanol	56	5.286	5.286	(1.040)	943690	20000.0	20000(A)
75 Ethyl Acetate	43	4.174	4.174	(0.821)	4198679	2000.00	2000.0(A)
76 Cyclohexanone	55	8.788	8.788	(1.134)	974897	10000.0	10000(A)
77 Ethyl Ether	59	2.505	2.505	(0.493)	1335896	1000.00	1000.0
80 Dichlorofluoromethane	67	2.233	2.233	(0.439)	2550765	1000.00	1000.0
81 2-Nitropropane	41	5.996	5.996	(1.179)	947586	2000.00	2000.0(A)
85 Isopropyl Ether	87	3.700	3.700	(0.728)	5110560	5000.00	5000.0(A)
147 2-Methylnapthalene	142	13.474	13.474	(1.350)	5020157	2000.00	2000.0

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40211-IC.b\UX91487.D

Page 4

Date : 11-FEB-2004 22:35

Client ID:

Instrument: a3ux9.i

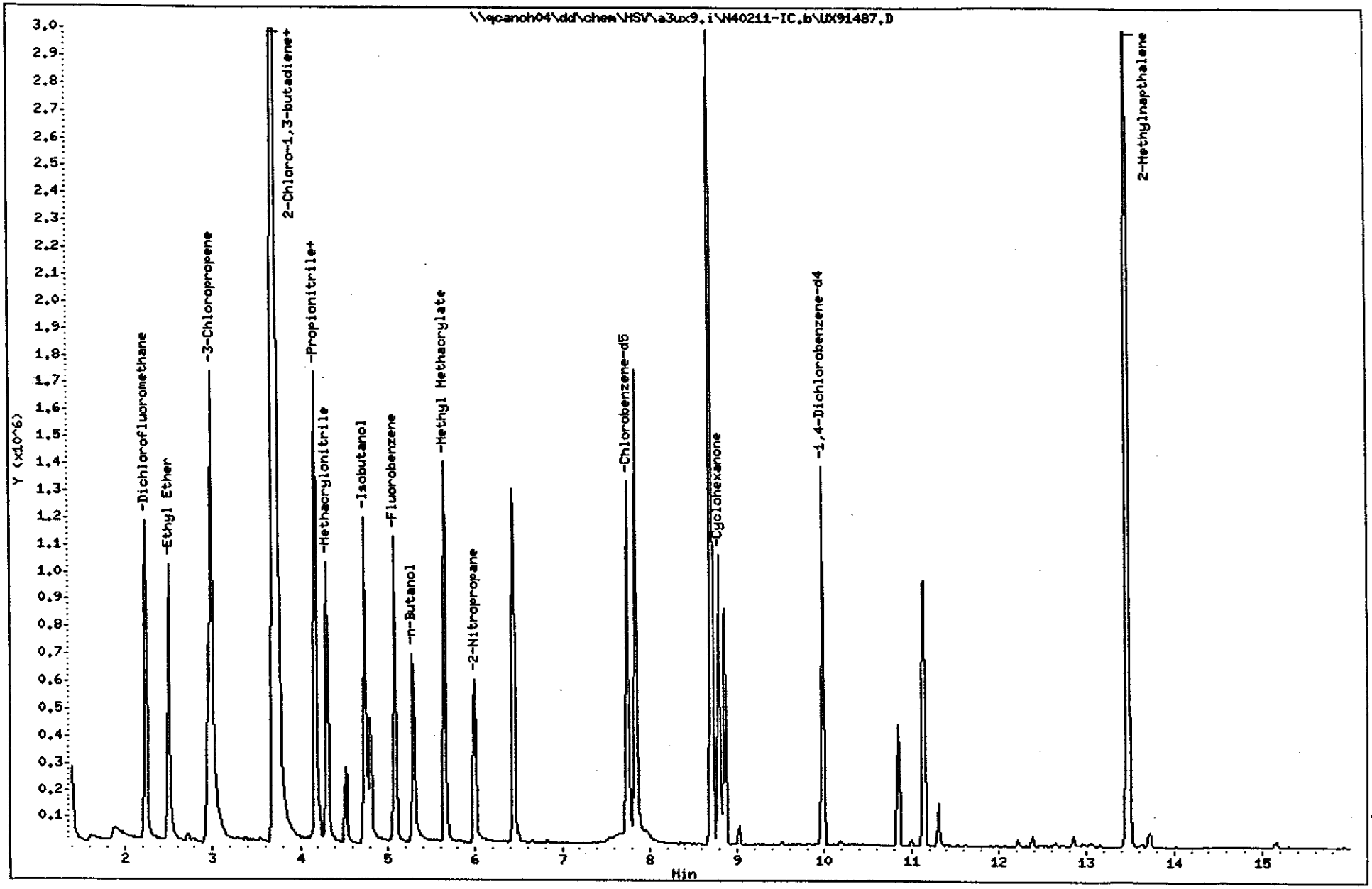
Sample Info: 500NG-IC

Purge Volume: 5.0

Operator: 1819

Column phase: DB624 75m

Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91487.D
Lab Smp Id: 500NG-IC
Inj Date : 11-FEB-2004 22:35
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 500NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:13 mcdaniels Quant Type: ISTD
Cal Date : 11-FEB-2004 22:35 Cal File: UX91487.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

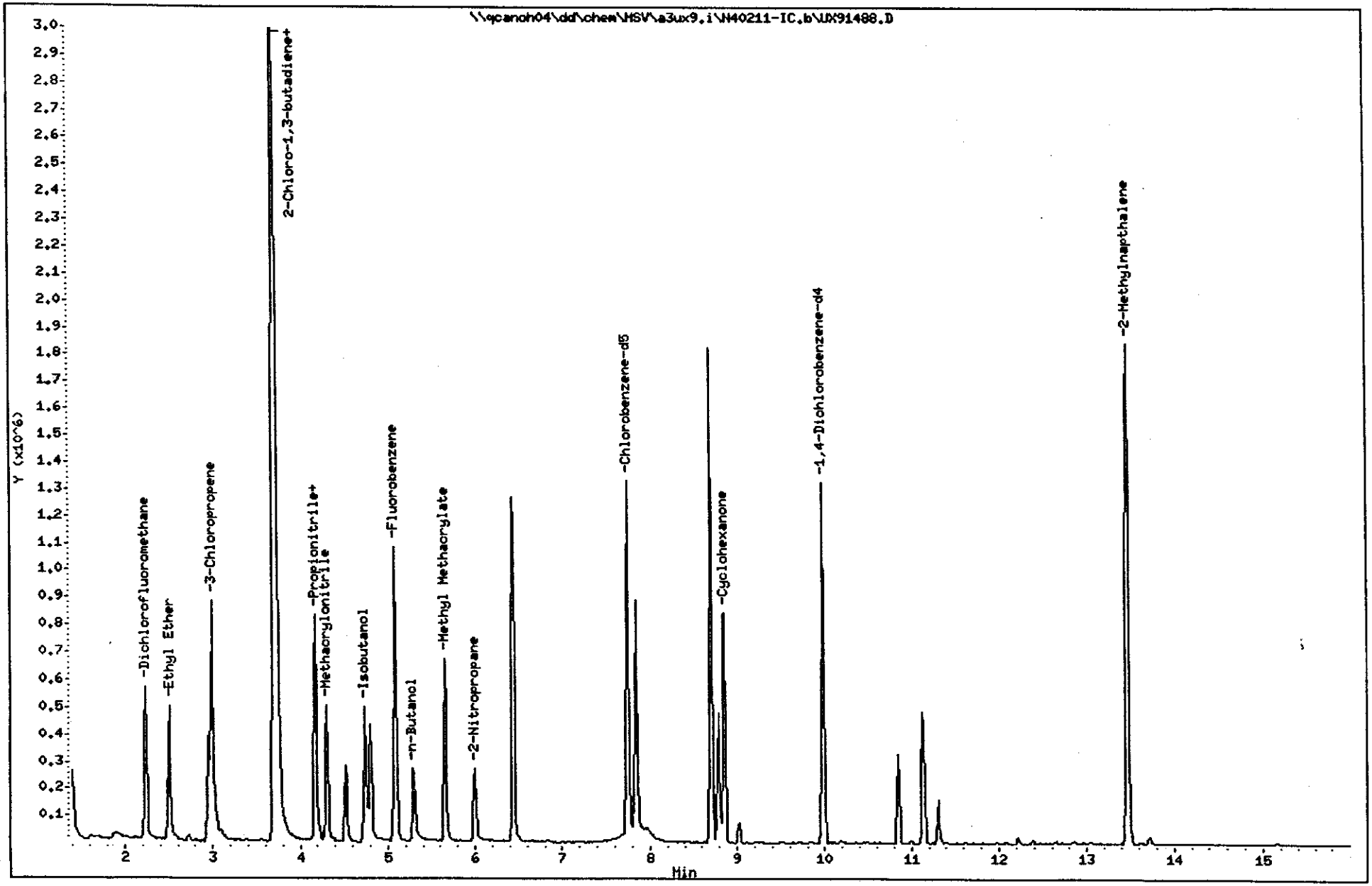
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.085	5.085	(1.000)	991079	250.000	
* 2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	727531	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	388514	250.000	
57 3-Chloropropene	76	2.990	2.990	(0.588)	278765	500.000	493.65
58 2-Chloro-1,3-butadiene	53	3.736	3.736	(0.735)	1293007	500.000	490.14
59 Propionitrile	54	4.174	4.174	(0.821)	274000	1000.00	1002.1(A)
60 Methacrylonitrile	41	4.304	4.304	(0.846)	623241	500.000	496.76
61 Isobutanol	41	4.742	4.742	(0.933)	646343	10000.0	9452.8(A)
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	891269	500.000	484.74
74 n-Butanol	56	5.286	5.286	(1.040)	446505	10000.0	9661.6(A)
75 Ethyl Acetate	43	4.174	4.174	(0.821)	2071036	1000.00	986.96
76 Cyclohexanone	55	8.789	8.789	(1.134)	547794	5000.00	5244.0(A)
77 Ethyl Ether	59	2.505	2.505	(0.493)	650782	500.000	490.37
80 Dichlorofluoromethane	67	2.233	2.233	(0.439)	1146146	500.000	470.20
81 2-Nitropropane	41	5.996	5.996	(1.179)	405940	1000.00	916.66
85 Isopropyl Ether	87	3.700	3.700	(0.728)	2485999	2500.00	2450.0(A)
147 2-Methylnapthalene	142	13.474	13.474	(1.350)	2769506	1000.00	1033.4

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40211-IC.b\UX91488.D
Date : 11-FEB-2004 23:00
Client ID:
Sample Info: 250NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91488.D
Lab Smp Id: 250NG-IC
Inj Date : 11-FEB-2004 23:00
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 250NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:14 mcdaniels Quant Type: ISTD
Cal Date : 11-FEB-2004 23:00 Cal File: UX91488.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

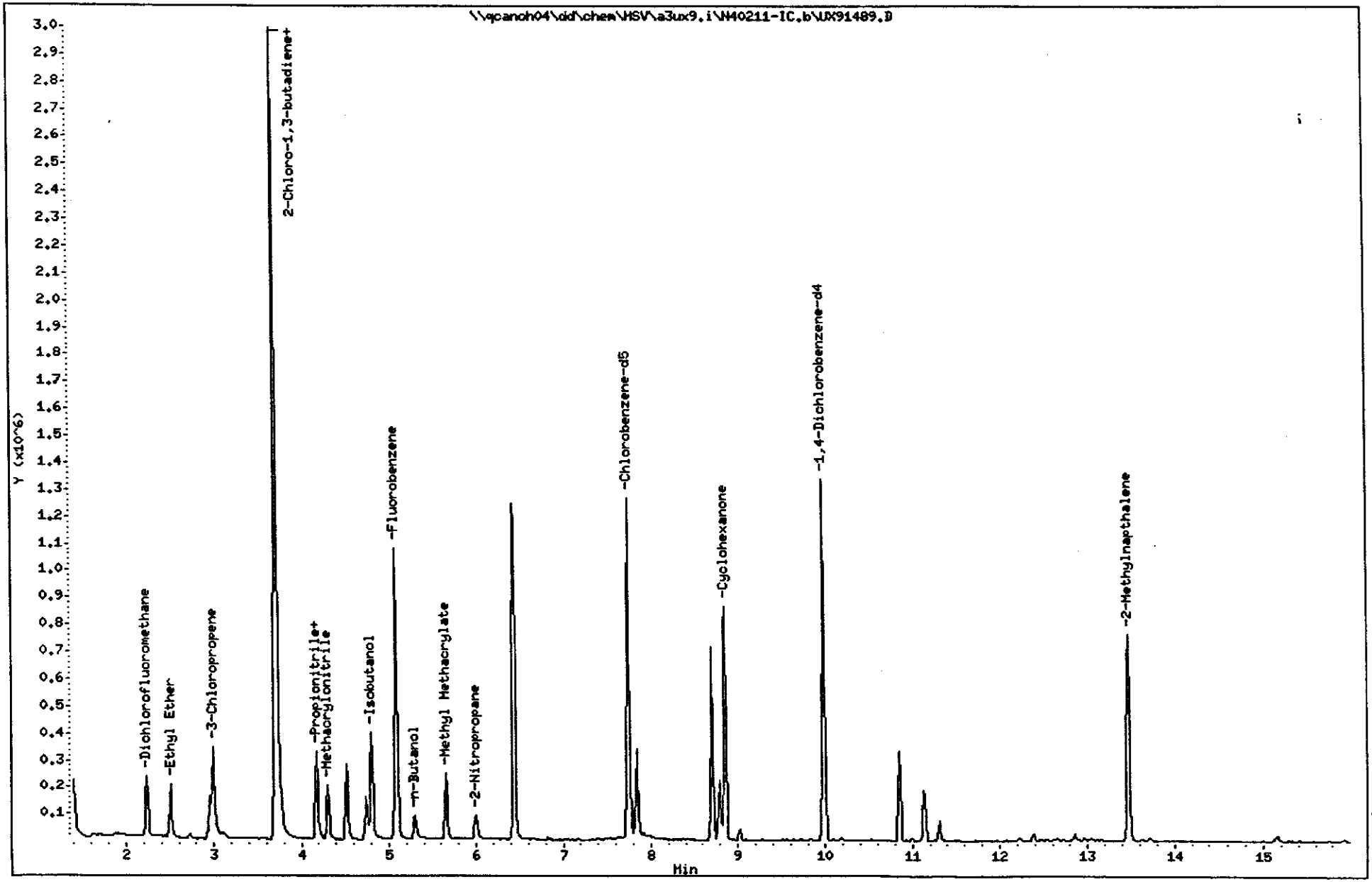
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	5.086	5.086	(1.000)	960351	250.000	
* 2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	725443	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	383265	250.000	
57 3-Chloropropene	76	2.991	2.991	(0.588)	135834	250.000	248.82
58 2-Chloro-1,3-butadiene	53	3.737	3.737	(0.735)	613715	250.000	243.30
59 Propionitrile	54	4.174	4.174	(0.821)	136449	500.000	509.91
60 Methacrylonitrile	41	4.305	4.305	(0.846)	300836	250.000	248.30
61 Isobutanol	41	4.742	4.742	(0.933)	281061	5000.00	4467.8(A)
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	429604	250.000	244.02
74 n-Butanol	56	5.287	5.287	(1.040)	197192	5000.00	4585.8(A)
75 Ethyl Acetate	43	4.174	4.174	(0.821)	1001871	500.000	495.13
76 Cyclohexanone	55	8.789	8.789	(1.134)	246246	2500.00	2407.7(A)
77 Ethyl Ether	59	2.506	2.506	(0.493)	318083	250.000	248.22
80 Dichlorofluoromethane	67	2.234	2.234	(0.439)	546727	250.000	237.33
81 2-Nitropropane	41	5.997	5.997	(1.179)	189467	500.000	459.44
85 Isopropyl Ether	87	3.701	3.701	(0.728)	1236869	1250.00	1255.3(A)
147 2-Methylnapthalene	142	13.475	13.475	(1.350)	1318717	500.000	499.18

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40211-IC.b\UX91489.D
Date : 11-FEB-2004 23:24
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91489.D
Lab Smp Id: 100NG-IC
Inj Date : 11-FEB-2004 23:24
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 100NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:14 mcdaniels Quant Type: ISTD
Cal Date : 11-FEB-2004 23:24 Cal File: UX91489.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

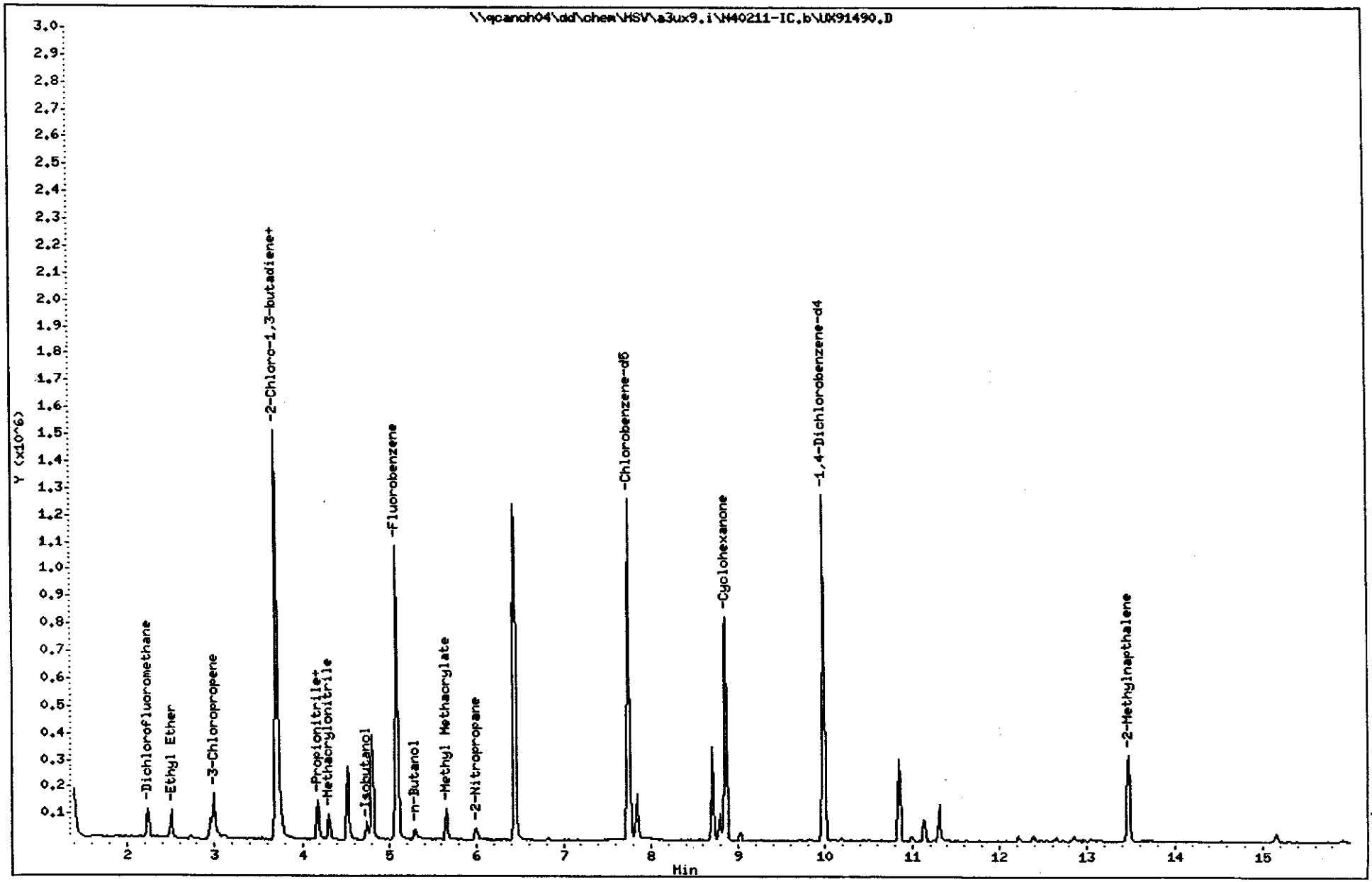
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.085	5.085	(1.000)	959507	250.000	
* 2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	691587	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	369329	250.000	
57 3-Chloropropene	76	2.991	2.991	(0.588)	51865	100.000	96.272
58 2-Chloro-1,3-butadiene	53	3.736	3.736	(0.735)	232971	100.000	94.221
59 Propionitrile	54	4.174	4.174	(0.821)	56227	200.000	207.63
60 Methacrylonitrile	41	4.304	4.304	(0.846)	123501	100.000	101.51
61 Isobutanol	41	4.742	4.742	(0.933)	100004	2000.00	1676.8(A)
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	167724	100.000	96.472
74 n-Butanol	56	5.298	5.298	(1.042)	63423	2000.00	1579.6(A)
75 Ethyl Acetate	43	4.174	4.174	(0.821)	393366	200.000	195.90
76 Cyclohexanone	55	8.789	8.789	(1.134)	124245	1000.00	1192.5(A)
77 Ethyl Ether	59	2.506	2.506	(0.493)	129430	100.000	100.82
80 Dichlorofluoromethane	67	2.234	2.234	(0.439)	214406	100.000	94.777
81 2-Nitropropane	41	5.996	5.996	(1.179)	63783	200.000	164.07
85 Isopropyl Ether	87	3.701	3.701	(0.728)	484991	500.000	494.47
147 2-Methylnapthalene	142	13.475	13.475	(1.350)	535426	200.000	207.65

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40211-IC.b\UX91490.D
Date : 11-FEB-2004 23:48
Client ID:
Sample Info: 50NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91490.D
Lab Smp Id: 50NG-IC
Inj Date : 11-FEB-2004 23:48
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 50NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:15 mcdaniels Quant Type: ISTD
Cal Date : 11-FEB-2004 23:48 Cal File: UX91490.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.085	5.085	(1.000)	955227	250.000	
* 2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	700358	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	359483	250.000	
57 3-Chloropropene	76	2.991	2.991	(0.588)	24553	50.0000	46.566
58 2-Chloro-1,3-butadiene	53	3.736	3.736	(0.735)	118779	50.0000	48.593
59 Propionitrile	54	4.174	4.174	(0.821)	25428	100.000	95.403
60 Methacrylonitrile	41	4.304	4.304	(0.846)	56998	50.0000	47.618
61 Isobutanol	41	4.742	4.742	(0.933)	44044	1000.00	782.20
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	76045	50.0000	45.028
74 n-Butanol	56	5.298	5.298	(1.042)	26412	1000.00	708.88
75 Ethyl Acetate	43	4.174	4.174	(0.821)	185957	100.000	94.340
76 Cyclohexanone	55	8.789	8.789	(1.134)	53372	500.000	504.68
77 Ethyl Ether	59	2.506	2.506	(0.493)	58316	50.0000	46.440
80 Dichlorofluoromethane	67	2.234	2.234	(0.439)	106730	50.0000	47.890
81 2-Nitropropane	41	5.996	5.996	(1.179)	29384	100.000	79.766
85 Isopropyl Ether	87	3.701	3.701	(0.728)	232356	250.000	240.27
147 2-Methylnapthalene	142	13.475	13.475	(1.350)	228333	100.000	92.648

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40211-IC.b\UX91491.D

Page 3

Date : 12-FEB-2004 00:13

Client ID:

Instrument: a3ux9.i

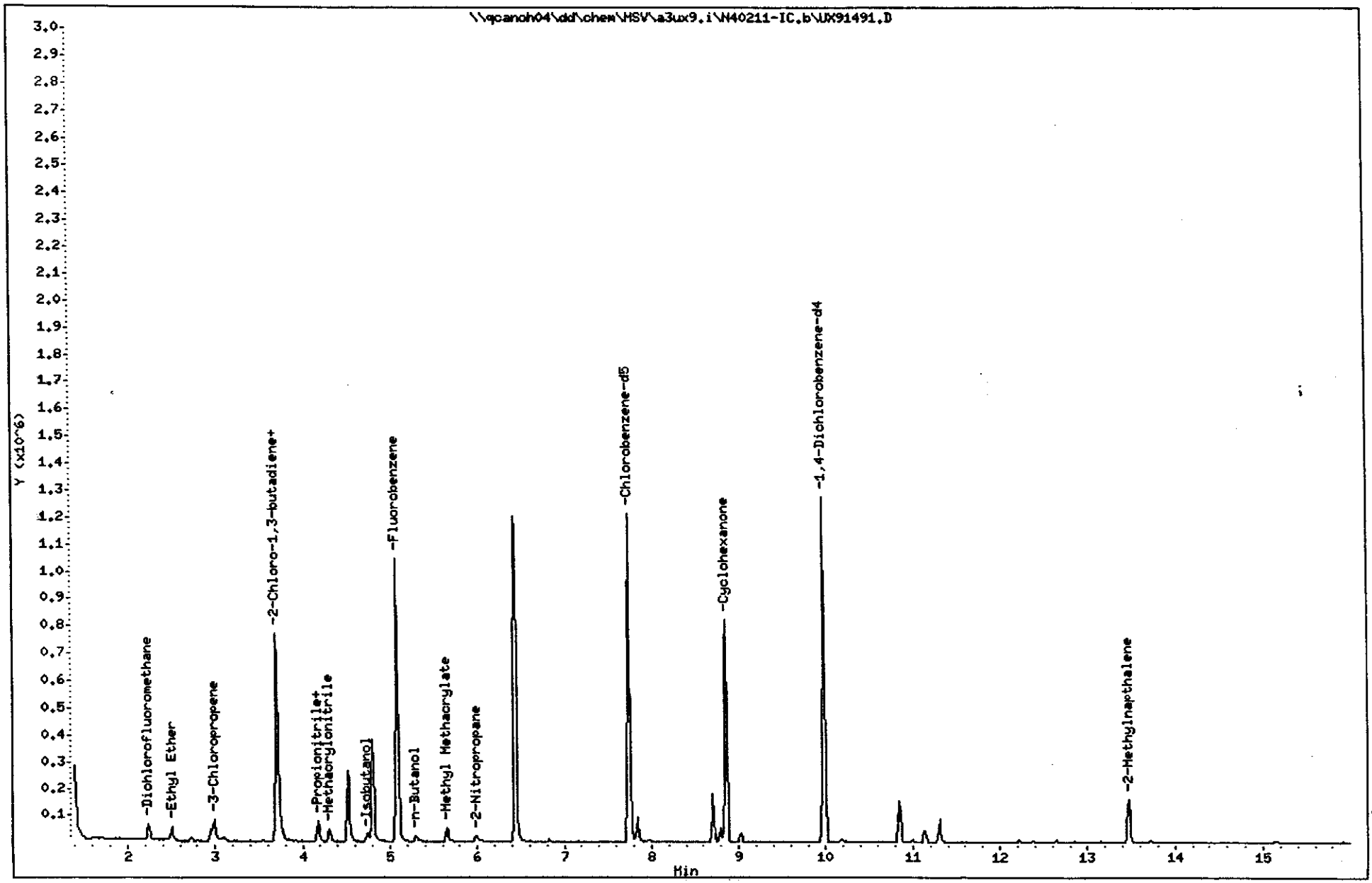
Sample Info: 25NG-IC

Purge Volume: 5.0

Operator: 1819

Column phase: DB624 75m

Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\UX91491.D
Lab Smp Id: 25NG-IC
Inj Date : 12-FEB-2004 00:13
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 25NG-IC
Misc Info : N40211A,8260SUX9-3,3-IX.SUB,1819,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\8260SUX9-3.m
Meth Date : 12-Feb-2004 19:15 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

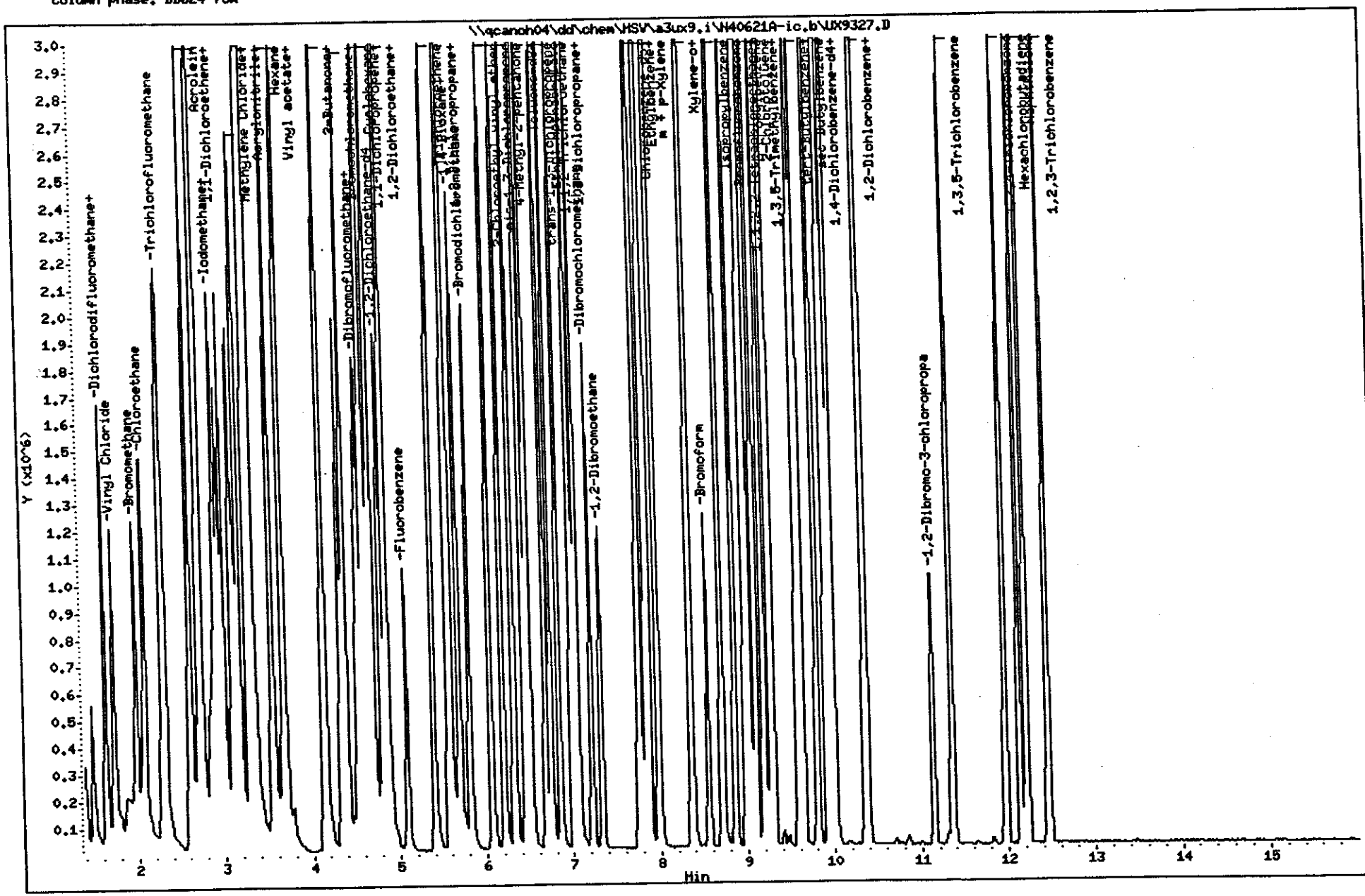
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.085	5.085	(1.000)	931229	250.000	
* 2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	690816	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.983	9.983	(1.000)	353888	250.000	
57 3-Chloropropene	76	3.002	3.002	(0.590)	12664	25.0000	24.696
58 2-Chloro-1,3-butadiene	53	3.736	3.736	(0.735)	58846	25.0000	24.745
59 Propionitrile	54	4.173	4.173	(0.821)	13674	50.0000	52.169
60 Methacrylonitrile	41	4.304	4.304	(0.846)	29296	25.0000	25.088
61 Isobutanol	41	4.741	4.741	(0.933)	22093	500.000	415.99
62 Methyl Methacrylate	41	5.653	5.653	(1.112)	38314	25.0000	23.543
74 n-Butanol	56	5.298	5.298	(1.042)	13362	500.000	384.82
75 Ethyl Acetate	43	4.173	4.173	(0.821)	91130	50.0000	47.835
76 Cyclohexanone	55	8.788	8.788	(1.134)	27334	250.000	259.95
77 Ethyl Ether	59	2.505	2.505	(0.493)	31011	25.0000	25.276
80 Dichlorofluoromethane	67	2.233	2.233	(0.439)	52856	25.0000	24.438
81 2-Nitropropane	41	5.996	5.996	(1.179)	14712	50.0000	42.238
85 Isopropyl Ether	87	3.700	3.700	(0.728)	121632	125.000	128.33
147 2-Methylnapthalene	142	13.474	13.474	(1.350)	102947	50.0000	43.530

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9327.D
Date : 21-JUN-2004 10:56
Client ID:
Sample Info: 1000NC-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9327.D
Lab Smp Id: 1000NG-IC
Inj Date : 21-JUN-2004 10:56 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 1000NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:51 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.087	5.087	(1.000)	977148	250.000	
* 2 Chlorobenzene-d5	117	7.749	7.749	(1.000)	747938	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.985	9.985	(1.000)	384293	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.803	4.803	(0.944)	1210276	1000.00	908.10
$ 5 Toluene-d8	98	6.447	6.447	(0.832)	4409995	1000.00	992.80
$ 6 Bromofluorobenzene	95	8.861	8.861	(1.144)	1670849	1000.00	1000.1(A)
$ 7 Dibromofluoromethane	113	4.530	4.530	(0.891)	881700	1000.00	924.98
8 Dichlorodifluoromethane	85	1.478	1.478	(0.291)	738618	1000.00	961.95
9 Chloromethane	50	1.620	1.620	(0.318)	1960106	1000.00	920.36
10 Vinyl Chloride	62	1.714	1.714	(0.337)	1799042	1000.00	929.74
11 Bromomethane	94	1.975	1.975	(0.388)	888003	1000.00	807.31
12 Chloroethane	64	2.081	2.081	(0.409)	1651191	1000.00	1138.5(A)
13 Trichlorofluoromethane	101	2.282	2.282	(0.449)	1994845	1000.00	1237.5(A)
14 Acrolein	56	2.613	2.613	(0.514)	3495720	10000.0	10375(A)
16 1,1-Dichloroethene	96	2.708	2.708	(0.532)	1080062	1000.00	1049.6(A)
15 Acetone	43	2.732	2.732	(0.537)	2120605	2000.00	1983.0
54 Freon-113	151	2.732	2.732	(0.537)	735861	1000.00	1031.0(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
56	Iodomethane	142	2.862	2.862	(0.563)	1494773	1000.00	1012.9(A)
18	Carbon Disulfide	76	2.909	2.909	(0.572)	3644264	1000.00	986.66
55	Acetonitrile	41	2.957	2.957	(0.581)	2451355	10000.0	10196(A)
17	Methylene Chloride	84	3.099	3.099	(0.609)	1203817	1000.00	999.65
19	Acrylonitrile	53	3.276	3.276	(0.644)	7408160	10000.0	10532(A)
78	Methyl tert-butyl ether	73	3.323	3.323	(0.653)	3927880	1000.00	1040.8(A)
84	Hexane	57	3.548	3.548	(0.698)	2295755	1000.00	996.62
21	Vinyl acetate	43	3.690	3.690	(0.726)	4043584	1000.00	1092.8(A)
22	1,1-Dichloroethane	63	3.667	3.667	(0.721)	2367132	1000.00	968.54
23	2-Butanone	43	4.128	4.128	(0.812)	2626194	2000.00	2109.9(A)
20	trans-1,2-Dichloroethene	96	3.323	3.323	(0.653)	1118866	1000.00	974.06
24	cis-1,2-dichloroethene	96	4.140	4.140	(0.814)	1195820	1000.00	986.03
M 25	1,2-Dichloroethene (total)	96				2314686	2000.00	1960.1
86	2,2-Dichloropropane	77	4.140	4.140	(0.814)	763235	1000.00	916.62
111	Bromochloromethane	128	4.341	4.341	(0.853)	522483	1000.00	1006.6(A)
79	Tetrahydrofuran	42	4.377	4.377	(0.860)	602844	1000.00	1029.6(A)
26	Chloroform	83	4.388	4.388	(0.863)	1647206	1000.00	984.52
27	1,1,1-Trichloroethane	97	4.566	4.566	(0.898)	1325158	1000.00	1000.2(A)
87	1,1-Dichloropropene	75	4.696	4.696	(0.923)	1406481	1000.00	997.37
28	Carbon Tetrachloride	117	4.708	4.708	(0.926)	1067445	1000.00	1032.8(A)
29	1,2-Dichloroethane	62	4.874	4.874	(0.958)	1812417	1000.00	1024.6(A)
30	Benzene	78	4.862	4.862	(0.956)	4866548	1000.00	991.98
31	Trichloroethene	130	5.406	5.406	(1.063)	1083622	1000.00	964.52
32	1,2-Dichloropropane	63	5.584	5.584	(1.098)	1546539	1000.00	999.31
63	1,4-Dioxane	88	5.690	5.690	(1.119)	687779	50000.0	51482(A)
64	Dibromomethane	93	5.690	5.690	(1.119)	611119	1000.00	1034.2(A)
33	Bromodichloromethane	83	5.820	5.820	(1.144)	1313837	1000.00	1023.6(A)
34	2-Chloroethyl vinyl ether	63	6.057	6.057	(1.191)	1660948	2000.00	2221.8(A)
36	cis-1,3-Dichloropropene	75	6.199	6.199	(1.219)	1879412	1000.00	1050.4(A)
35	4-Methyl-2-pentanone	43	6.317	6.317	(1.242)	4593935	2000.00	2215.4(A)
37	Toluene	91	6.506	6.506	(0.840)	5350524	1000.00	972.50
38	trans-1,3-Dichloropropene	75	6.684	6.684	(0.863)	1689055	1000.00	1071.5(A)
65	Ethyl Methacrylate	69	6.755	6.755	(0.872)	1750796	1000.00	1094.3(A)
40	1,1,2-Trichloroethane	97	6.850	6.850	(0.884)	1012559	1000.00	964.37
88	1,3-Dichloropropane	76	7.003	7.003	(0.904)	1913237	1000.00	983.51
41	Tetrachloroethene	164	7.003	7.003	(0.904)	801485	1000.00	944.18
39	2-Hexanone	43	7.063	7.063	(0.911)	4036850	2000.00	2127.6(A)
42	Dibromochloromethane	129	7.216	7.216	(0.931)	966099	1000.00	1027.5(A)
66	1,2-Dibromoethane	107	7.335	7.335	(0.947)	996324	1000.00	996.23
43	Chlorobenzene	112	7.784	7.784	(1.005)	3482249	1000.00	983.11
44	Ethylbenzene	106	7.879	7.879	(1.017)	1963669	1000.00	1008.3(A)
45	m + p-Xylene	106	7.986	7.986	(1.031)	5094371	2000.00	2087.7(A)
46	Xylene-o	106	8.364	8.364	(1.079)	2502610	1000.00	1035.2(A)
M 47	Xylenes (total)	106				7596981	3000.00	3122.8
48	Styrene	104	8.364	8.364	(1.079)	4443481	1000.00	1087.8(A)
49	Bromoform	173	8.554	8.554	(1.104)	640995	1000.00	1127.7(A)
89	Isopropylbenzene	105	8.707	8.707	(1.124)	5790431	1000.00	1015.7(A)

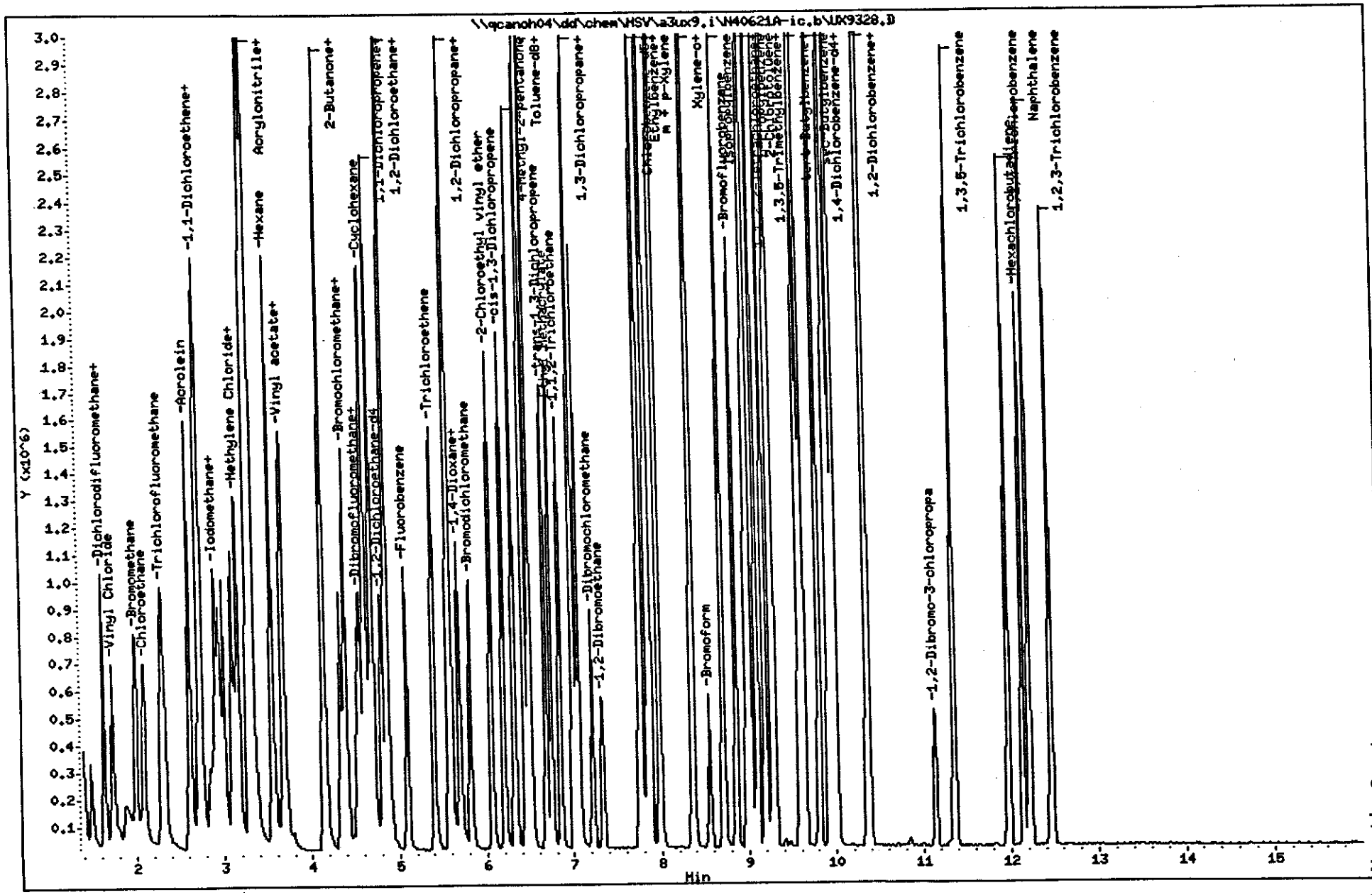
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.980	8.980	(0.899)	1606724	1000.00	1039.9(A)
90	Bromobenzene	156	9.015	9.015	(0.903)	1335126	1000.00	987.78
68	1,2,3-Trichloropropane	75	9.027	9.027	(0.904)	2040315	1000.00	1092.8(A)
69	1,4-Dichloro-2-butene	53	9.039	9.039	(0.905)	802059	1000.00	1140.1(A)
92	n-Propylbenzene	120	9.110	9.110	(0.912)	1710936	1000.00	965.42
91	2-Chlorotoluene	126	9.193	9.193	(0.921)	1451296	1000.00	988.77
94	1,3,5-Trimethylbenzene	105	9.275	9.275	(0.929)	5119690	1000.00	1009.9(A)
93	4-Chlorotoluene	126	9.299	9.299	(0.931)	1518180	1000.00	984.78
95	tert-Butylbenzene	119	9.595	9.595	(0.961)	4501471	1000.00	978.64
96	1,2,4-Trimethylbenzene	105	9.642	9.642	(0.966)	5233464	1000.00	1016.1(A)
97	sec-Butylbenzene	105	9.808	9.808	(0.982)	6852729	1000.00	960.51
51	1,3-Dichlorobenzene	146	9.926	9.926	(0.994)	2760656	1000.00	970.74
52	1,4-Dichlorobenzene	146	10.009	10.009	(1.002)	2802177	1000.00	960.13
53	1,2-Dichlorobenzene	146	10.376	10.376	(1.039)	2694098	1000.00	972.81
98	4-Isopropyltoluene	119	9.950	9.950	(0.996)	5460389	1000.00	975.57
99	n-Butylbenzene	91	10.352	10.352	(1.037)	5312334	1000.00	971.81
100	1,2,4-Trichlorobenzene	180	11.973	11.973	(1.199)	1492117	1000.00	900.49
102	Hexachlorobutadiene	225	12.151	12.151	(1.217)	583318	1000.00	858.74
101	Naphthalene	128	12.222	12.222	(1.224)	4643656	1000.00	937.40
103	1,2,3-Trichlorobenzene	180	12.458	12.458	(1.248)	1369232	1000.00	896.45
82	tert-Butyl Alcohol	59	3.170	3.170	(0.623)	3555398	20000.0	22074(A)
138	Methyl Acetate	43	3.004	3.004	(0.591)	2755097	2000.00	2065.5
139	Methylcyclohexane	83	5.572	5.572	(1.095)	2155856	1000.00	996.40
83	Cyclohexane	56	4.625	4.625	(0.909)	3078434	1000.00	987.21
137	1,3,5-Trichlorobenzene	180	11.358	11.358	(1.137)	1671852	1000.00	921.22
67	1,1,1,2-Tetrachloroethane	131	7.855	7.855	(1.014)	1116986	1000.00	1056.3(A)
72	1,2-Dibromo-3-chloropropane	157	11.145	11.145	(1.116)	293773	1000.00	1072.0(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9328.D
Date : 21-JUN-2004 11:21
Client ID:
Sample Info: 500NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9328.D
Lab Smp Id: 500NG-IC
Inj Date : 21-JUN-2004 11:21 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 500NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:52 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.087	5.087	(1.000)	986261	250.000	
* 2 Chlorobenzene-d5	117	7.750	7.750	(1.000)	740641	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.986	9.986	(1.000)	388582	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.803	4.803	(0.944)	615839	500.000	457.81
$ 5 Toluene-d8	98	6.448	6.448	(0.832)	2276553	500.000	510.26
$ 6 Bromofluorobenzene	95	8.862	8.862	(1.144)	860106	500.000	508.05
$ 7 Dibromofluoromethane	113	4.531	4.531	(0.891)	454596	500.000	472.51
8 Dichlorodifluoromethane	85	1.478	1.478	(0.291)	424764	500.000	548.08
9 Chloromethane	50	1.620	1.620	(0.319)	1076102	500.000	500.61
10 Vinyl Chloride	62	1.715	1.715	(0.337)	1001922	500.000	513.01
11 Bromomethane	94	1.999	1.999	(0.393)	647305	500.000	583.04
12 Chloroethane	64	2.094	2.094	(0.412)	773449	500.000	528.36
13 Trichlorofluoromethane	101	2.295	2.295	(0.451)	885553	500.000	544.27
14 Acrolein	56	2.614	2.614	(0.514)	1640733	5000.00	4824.7(A)
16 1,1-Dichloroethene	96	2.709	2.709	(0.533)	531602	500.000	511.82
15 Acetone	43	2.733	2.733	(0.537)	960037	1000.00	889.46
54 Freon-113	151	2.733	2.733	(0.537)	387009	500.000	537.22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
56	Iodomethane	142	2.875	2.875	(0.565)	742213	500.000	498.31
18	Carbon Disulfide	76	2.910	2.910	(0.572)	1865497	500.000	500.41
55	Acetonitrile	41	2.958	2.958	(0.581)	1145956	5000.00	4722.4(A)
17	Methylene Chloride	84	3.100	3.100	(0.609)	602515	500.000	502.39
19	Acrylonitrile	53	3.277	3.277	(0.644)	3508508	5000.00	4941.7(A)
78	Methyl tert-butyl ether	73	3.324	3.324	(0.653)	1906063	500.000	500.40
84	Hexane	57	3.549	3.549	(0.698)	1179552	500.000	507.33
21	Vinyl acetate	43	3.691	3.691	(0.726)	2017426	500.000	540.16
22	1,1-Dichloroethane	63	3.668	3.668	(0.721)	1223805	500.000	496.11
23	2-Butanone	43	4.129	4.129	(0.812)	1192396	1000.00	949.14
20	trans-1,2-Dichloroethene	96	3.324	3.324	(0.653)	575389	500.000	496.29
24	cis-1,2-dichloroethene	96	4.141	4.141	(0.814)	606318	500.000	495.33
M 25	1,2-Dichloroethene (total)	96				1181707	1000.00	991.62
86	2,2-Dichloropropane	77	4.141	4.141	(0.814)	420487	500.000	500.32
111	Bromochloromethane	128	4.342	4.342	(0.853)	258827	500.000	494.04
79	Tetrahydrofuran	42	4.377	4.377	(0.860)	293601	500.000	493.83
26	Chloroform	83	4.389	4.389	(0.863)	823087	500.000	487.40
27	1,1,1-Trichloroethane	97	4.567	4.567	(0.898)	686898	500.000	513.69
87	1,1-Dichloropropene	75	4.697	4.697	(0.923)	724271	500.000	508.85
28	Carbon Tetrachloride	117	4.709	4.709	(0.926)	548159	500.000	525.45
29	1,2-Dichloroethane	62	4.874	4.874	(0.958)	873923	500.000	489.51
30	Benzene	78	4.863	4.863	(0.956)	2449516	500.000	494.69
31	Trichloroethene	130	5.407	5.407	(1.063)	559657	500.000	493.54
32	1,2-Dichloropropane	63	5.584	5.584	(1.098)	775666	500.000	496.57
63	1,4-Dioxane	88	5.691	5.691	(1.119)	299961	25000.0	22245(A)
64	Dibromomethane	93	5.691	5.691	(1.119)	299712	500.000	502.52
33	Bromodichloromethane	83	5.821	5.821	(1.144)	650351	500.000	502.02
34	2-Chloroethyl vinyl ether	63	6.058	6.058	(1.191)	799422	1000.00	1059.5(A)
36	cis-1,3-Dichloropropene	75	6.200	6.200	(1.219)	913315	500.000	505.72
35	4-Methyl-2-pentanone	43	6.318	6.318	(1.242)	2090499	1000.00	998.80
37	Toluene	91	6.507	6.507	(0.840)	2678523	500.000	491.64
38	trans-1,3-Dichloropropene	75	6.685	6.685	(0.863)	821214	500.000	526.10
65	Ethyl Methacrylate	69	6.744	6.744	(0.870)	829058	500.000	523.28
40	1,1,2-Trichloroethane	97	6.851	6.851	(0.884)	494243	500.000	475.36
88	1,3-Dichloropropane	76	7.004	7.004	(0.904)	919361	500.000	477.26
41	Tetrachloroethene	164	7.004	7.004	(0.904)	419457	500.000	499.00
39	2-Hexanone	43	7.064	7.064	(0.911)	1828850	1000.00	973.38
42	Dibromochloromethane	129	7.217	7.217	(0.931)	457007	500.000	490.84
66	1,2-Dibromoethane	107	7.324	7.324	(0.945)	476537	500.000	481.19
43	Chlorobenzene	112	7.785	7.785	(1.005)	1697411	500.000	483.94
44	Ethylbenzene	106	7.880	7.880	(1.017)	965689	500.000	500.76
45	m + p-Xylene	106	7.986	7.986	(1.031)	2459662	1000.00	1017.9(A)
46	Xylene-o	106	8.365	8.365	(1.079)	1230315	500.000	513.91
M 47	Xylenes (total)	106				3689977	1500.00	1531.8
48	Styrene	104	8.365	8.365	(1.079)	2132454	500.000	527.19
49	Bromoform	173	8.554	8.554	(1.104)	299004	500.000	531.22
89	Isopropylbenzene	105	8.708	8.708	(1.124)	2952788	500.000	523.04

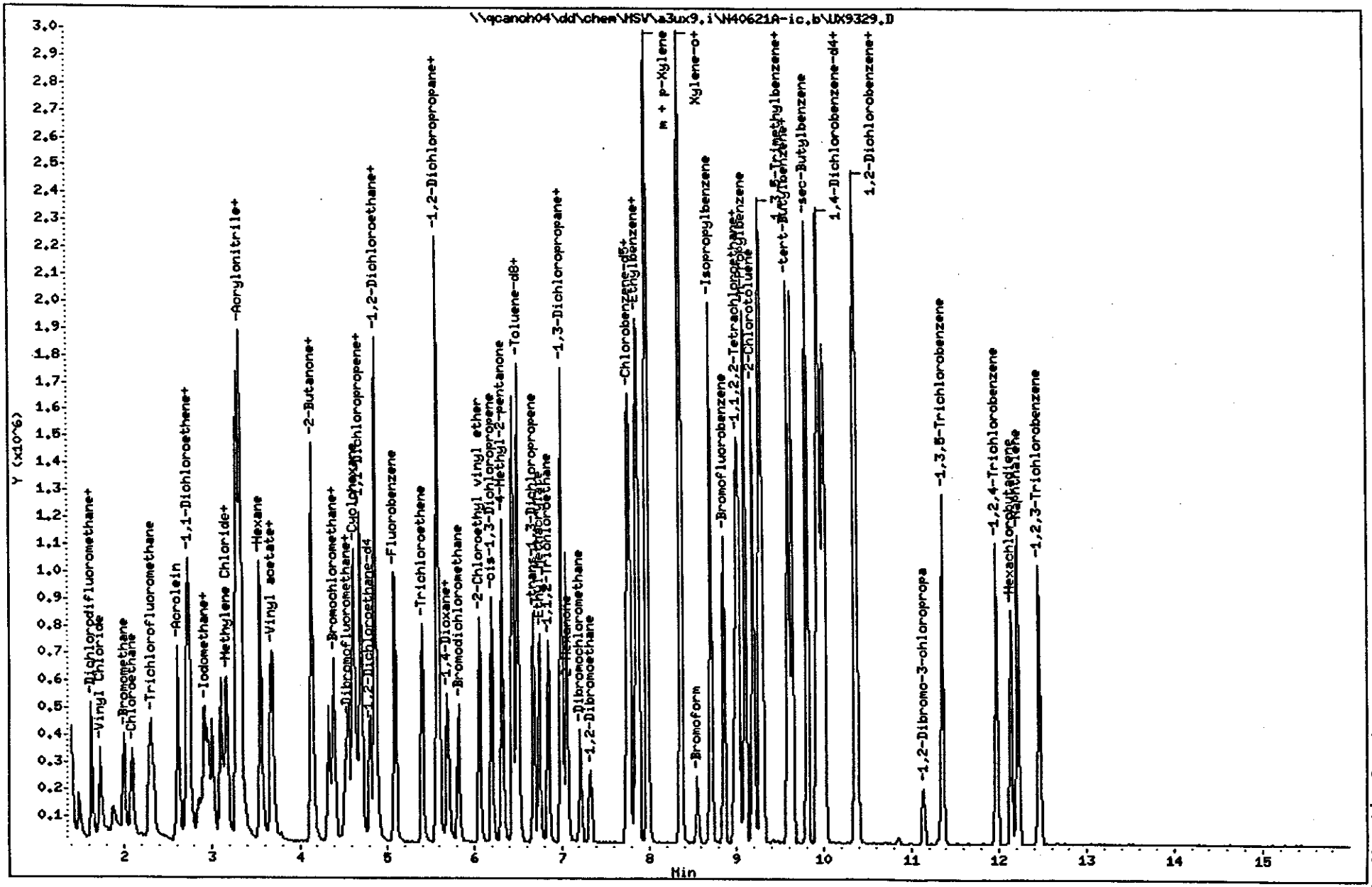
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.980	8.980	(0.899)	765423	500.000	489.94
90	Bromobenzene	156	9.016	9.016	(0.903)	664044	500.000	485.86
68	1,2,3-Trichloropropane	75	9.028	9.028	(0.904)	924736	500.000	489.81
69	1,4-Dichloro-2-butene	53	9.040	9.040	(0.905)	361306	500.000	507.92
92	n-Propylbenzene	120	9.099	9.099	(0.911)	919694	500.000	513.22
91	2-Chlorotoluene	126	9.193	9.193	(0.921)	729075	500.000	491.24
94	1,3,5-Trimethylbenzene	105	9.276	9.276	(0.929)	2701516	500.000	527.01
93	4-Chlorotoluene	126	9.300	9.300	(0.931)	766912	500.000	491.97
95	tert-Butylbenzene	119	9.596	9.596	(0.961)	2316975	500.000	498.16
96	1,2,4-Trimethylbenzene	105	9.643	9.643	(0.966)	2693264	500.000	517.13
97	sec-Butylbenzene	105	9.809	9.809	(0.982)	3743837	500.000	518.96
51	1,3-Dichlorobenzene	146	9.927	9.927	(0.994)	1410401	500.000	490.47
52	1,4-Dichlorobenzene	146	10.010	10.010	(1.002)	1408482	500.000	477.27
53	1,2-Dichlorobenzene	146	10.377	10.377	(1.039)	1352575	500.000	483.01
98	4-Isopropyltoluene	119	9.951	9.951	(0.996)	2949987	500.000	521.24
99	n-Butylbenzene	91	10.353	10.353	(1.037)	2951849	500.000	534.03
100	1,2,4-Trichlorobenzene	180	11.974	11.974	(1.199)	866001	500.000	516.86
102	Hexachlorobutadiene	225	12.152	12.152	(1.217)	353193	500.000	514.22
101	Naphthalene	128	12.211	12.211	(1.223)	2562852	500.000	511.64
103	1,2,3-Trichlorobenzene	180	12.459	12.459	(1.248)	806216	500.000	522.01
82	tert-Butyl Alcohol	59	3.171	3.171	(0.623)	1493896	10000.0	9189.4(A)
138	Methyl Acetate	43	3.005	3.005	(0.591)	1310841	1000.00	973.68
139	Methylcyclohexane	83	5.573	5.573	(1.095)	1111892	500.000	509.15
83	Cyclohexane	56	4.626	4.626	(0.909)	1636811	500.000	520.05
137	1,3,5-Trichlorobenzene	180	11.359	11.359	(1.137)	958084	500.000	522.09
67	1,1,1,2-Tetrachloroethane	131	7.845	7.845	(1.012)	528969	500.000	505.17
72	1,2-Dibromo-3-chloropropane	157	11.146	11.146	(1.116)	138869	500.000	501.13

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40621A-ic.b\UX9329.D
Date : 21-JUN-2004 11:46
Client ID:
Sample Info: 250NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9329.D
Lab Smp Id: 250NG-IC
Inj Date : 21-JUN-2004 11:45 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 250NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,4
Comment :
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Meth Date : 22-Jun-2004 21:54 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	5.097	5.097	(1.000)	998886	250.000	
*	2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	718212	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	364711	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	315778	250.000	231.78
$	5 Toluene-d8	98	6.446	6.446	(0.832)	1100727	250.000	246.77
$	6 Bromofluorobenzene	95	8.860	8.860	(1.144)	424403	250.000	246.42
$	7 Dibromofluoromethane	113	4.529	4.529	(0.889)	215841	250.000	221.51
	8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	193614	250.000	246.67
	9 Chloromethane	50	1.618	1.618	(0.318)	539142	250.000	247.64
	10 Vinyl Chloride	62	1.725	1.725	(0.338)	500278	250.000	252.92
	11 Bromomethane	94	1.997	1.997	(0.392)	292400	250.000	260.04
	12 Chloroethane	64	2.092	2.092	(0.410)	359712	250.000	242.62
	13 Trichlorofluoromethane	101	2.293	2.293	(0.450)	395473	250.000	239.99
	14 Acrolein	56	2.612	2.612	(0.513)	734913	2500.00	2133.8(A)
	16 1,1-Dichloroethene	96	2.719	2.719	(0.533)	244651	250.000	232.57
	15 Acetone	43	2.731	2.731	(0.536)	460914	500.000	421.63
	54 Freon-113	151	2.742	2.742	(0.538)	179411	250.000	245.90

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	56 Iodomethane	142	2.849	2.849	(0.559)	359604	250.000	238.38
	18 Carbon Disulfide	76	2.920	2.920	(0.573)	905218	250.000	239.75
	55 Acetonitrile	41	2.955	2.955	(0.580)	527428	2500.00	2146.0(A)
	17 Methylene Chloride	84	3.097	3.097	(0.608)	306661	250.000	245.79
	19 Acrylonitrile	53	3.287	3.287	(0.645)	1544057	2500.00	2147.3(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	877700	250.000	227.51
	84 Hexane	57	3.547	3.547	(0.696)	567757	250.000	241.11
	21 Vinyl acetate	43	3.689	3.689	(0.724)	874663	250.000	231.23
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	588489	250.000	235.55
	23 2-Butanone	43	4.139	4.139	(0.812)	545043	500.000	428.37
	20 trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	274782	250.000	234.01
	24 cis-1,2-dichloroethene	96	4.139	4.139	(0.812)	291137	250.000	234.84
M	25 1,2-Dichloroethene (total)	96				565919	500.000	468.85
	86 2,2-Dichloropropane	77	4.139	4.139	(0.812)	208880	250.000	245.40
	111 Bromochloromethane	128	4.340	4.340	(0.851)	127100	250.000	239.54
	79 Tetrahydrofuran	42	4.375	4.375	(0.858)	133088	250.000	217.83
	26 Chloroform	83	4.399	4.399	(0.863)	405277	250.000	236.96
	27 1,1,1-Trichloroethane	97	4.565	4.565	(0.896)	330664	250.000	244.16
	87 1,1-Dichloropropene	75	4.695	4.695	(0.921)	350329	250.000	243.02
	28 Carbon Tetrachloride	117	4.707	4.707	(0.923)	251577	250.000	238.10
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	419632	250.000	232.08
	30 Benzene	78	4.872	4.872	(0.956)	1178862	250.000	235.07
	31 Trichloroethene	130	5.405	5.405	(1.060)	269980	250.000	235.08
	32 1,2-Dichloropropane	63	5.582	5.582	(1.095)	378128	250.000	239.01
	63 1,4-Dioxane	88	5.689	5.689	(1.116)	149441	12500.0	10942(A)
	64 Dibromomethane	93	5.689	5.689	(1.116)	140635	250.000	232.82
	33 Bromodichloromethane	83	5.819	5.819	(1.142)	308509	250.000	235.14
	34 2-Chloroethyl vinyl ether	63	6.056	6.056	(1.188)	355358	500.000	465.00
	36 cis-1,3-Dichloropropene	75	6.198	6.198	(1.216)	440334	250.000	240.74
	35 4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	918266	500.000	433.18
	37 Toluene	91	6.505	6.505	(0.840)	1284270	250.000	243.09
	38 trans-1,3-Dichloropropene	75	6.683	6.683	(0.863)	373698	250.000	246.88
	65 Ethyl Methacrylate	69	6.754	6.754	(0.872)	363629	250.000	236.68
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	230994	250.000	229.11
	88 1,3-Dichloropropane	76	7.002	7.002	(0.904)	435624	250.000	233.20
	41 Tetrachloroethene	164	7.002	7.002	(0.904)	198334	250.000	243.31
	39 2-Hexanone	43	7.061	7.061	(0.911)	813839	500.000	446.68
	42 Dibromochloromethane	129	7.215	7.215	(0.931)	218963	250.000	242.52
	66 1,2-Dibromoethane	107	7.334	7.334	(0.947)	222727	250.000	231.92
	43 Chlorobenzene	112	7.783	7.783	(1.005)	802322	250.000	235.89
	44 Ethylbenzene	106	7.878	7.878	(1.017)	457466	250.000	244.63
	45 m + p-Xylene	106	7.984	7.984	(1.031)	1136057	500.000	484.82
	46 Xylene-o	106	8.363	8.363	(1.079)	557739	250.000	240.24
M	47 Xylenes (total)	106				1693796	750.000	725.07
	48 Styrene	104	8.375	8.375	(1.081)	961842	250.000	245.22
	49 Bromoform	173	8.552	8.552	(1.104)	125971	250.000	230.79
	89 Isopropylbenzene	105	8.706	8.706	(1.124)	1354373	250.000	247.40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	331546	250.000	226.11
90	Bromobenzene	156	9.014	9.014	(0.903)	304920	250.000	237.70
68	1,2,3-Trichloropropane	75	9.026	9.026	(0.904)	411722	250.000	232.35
69	1,4-Dichloro-2-butene	53	9.037	9.037	(0.905)	149373	250.000	223.73
92	n-Propylbenzene	120	9.108	9.108	(0.912)	426282	250.000	253.45
91	2-Chlorotoluene	126	9.191	9.191	(0.921)	343329	250.000	246.47
94	1,3,5-Trimethylbenzene	105	9.274	9.274	(0.929)	1199466	250.000	249.31
93	4-Chlorotoluene	126	9.298	9.298	(0.931)	360999	250.000	246.74
95	tert-Butylbenzene	119	9.594	9.594	(0.961)	1124326	250.000	257.56
96	1,2,4-Trimethylbenzene	105	9.641	9.641	(0.966)	1217219	250.000	249.02
97	sec-Butylbenzene	105	9.807	9.807	(0.982)	1716412	250.000	253.50
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	657291	250.000	243.54
52	1,4-Dichlorobenzene	146	10.008	10.008	(1.002)	659184	250.000	237.99
53	1,2-Dichlorobenzene	146	10.375	10.375	(1.039)	624729	250.000	237.70
98	4-Isopropyltoluene	119	9.949	9.949	(0.996)	1349271	250.000	254.01
99	n-Butylbenzene	91	10.351	10.351	(1.037)	1331373	250.000	256.63
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	383217	250.000	243.69
102	Hexachlorobutadiene	225	12.149	12.149	(1.217)	165020	250.000	255.98
101	Naphthalene	128	12.220	12.220	(1.224)	1092570	250.000	232.40
103	1,2,3-Trichlorobenzene	180	12.457	12.457	(1.248)	361950	250.000	249.69
82	tert-Butyl Alcohol	59	3.168	3.168	(0.622)	678278	5000.00	4119.6(A)
138	Methyl Acetate	43	3.003	3.003	(0.589)	583466	500.000	427.91
139	Methylcyclohexane	83	5.582	5.582	(1.095)	544889	250.000	246.36
83	Cyclohexane	56	4.624	4.624	(0.907)	768693	250.000	241.14
137	1,3,5-Trichlorobenzene	180	11.357	11.357	(1.137)	423827	250.000	246.08
67	1,1,1,2-Tetrachloroethane	131	7.854	7.854	(1.014)	254109	250.000	250.26
72	1,2-Dibromo-3-chloropropane	157	11.144	11.144	(1.116)	57941	250.000	222.78

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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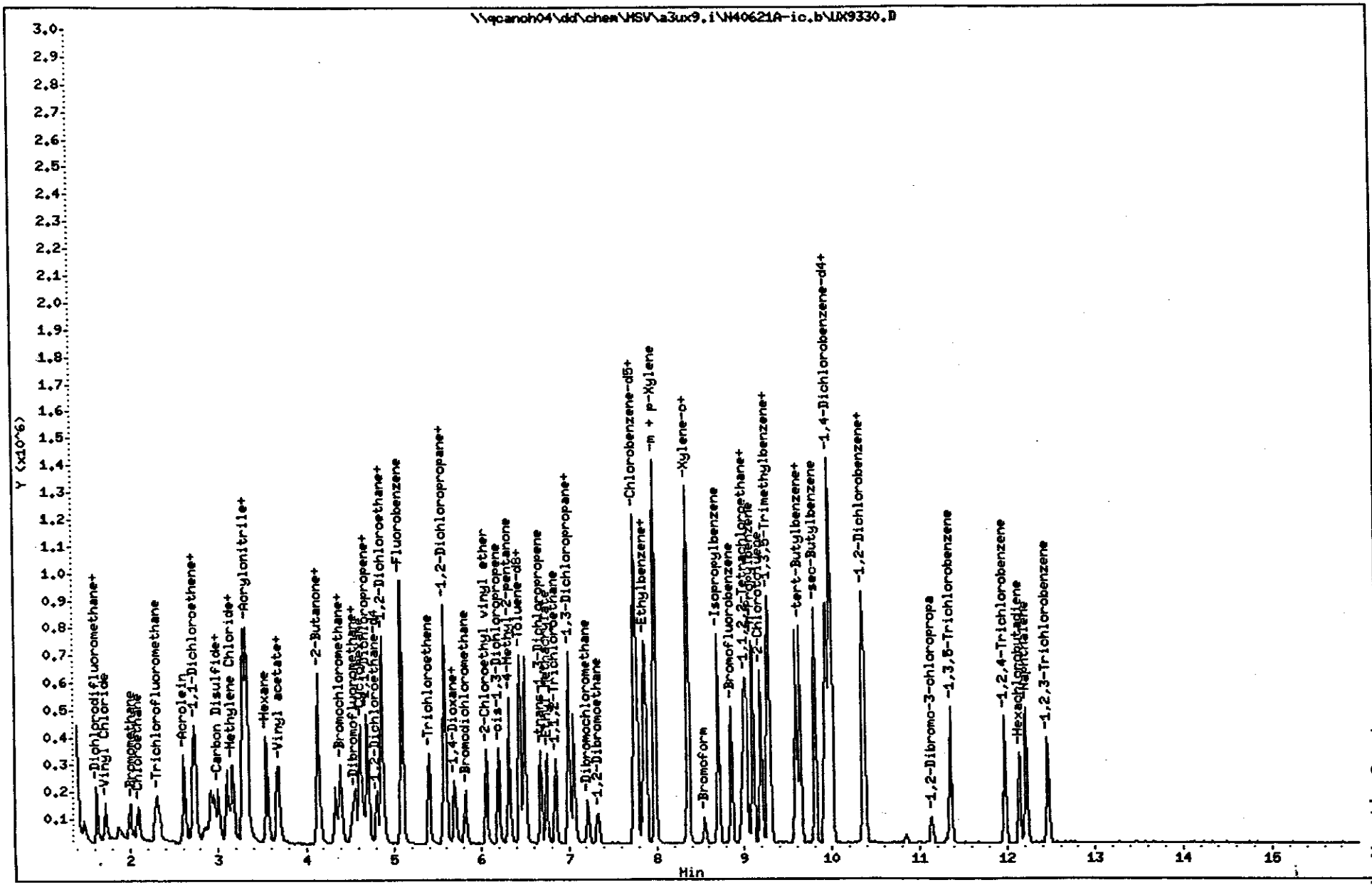
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

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Inj Date : 21-JUN-2004 12:10 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 100NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:52 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	5.097	5.097	(1.000)	981759	250.000	
*	2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	696098	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	348579	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	124657	100.000	93.094
$	5 Toluene-d8	98	6.446	6.446	(0.832)	461731	100.000	98.151
$	6 Bromofluorobenzene	95	8.860	8.860	(1.144)	178238	100.000	92.816
$	7 Dibromofluoromethane	113	4.529	4.529	(0.889)	87282	100.000	91.137
	8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	74700	100.000	96.830
	9 Chloromethane	50	1.618	1.618	(0.318)	213772	100.000	99.904
	10 Vinyl Chloride	62	1.713	1.713	(0.336)	192728	100.000	99.133
	11 Bromomethane	94	2.009	2.009	(0.394)	112287	100.000	101.60
	12 Chloroethane	64	2.092	2.092	(0.410)	131809	100.000	90.455
	13 Trichlorofluoromethane	101	2.305	2.305	(0.452)	144611	100.000	89.287
	14 Acrolein	56	2.612	2.612	(0.513)	331919	1000.00	980.51
	16 1,1-Dichloroethene	96	2.719	2.719	(0.533)	96443	100.000	93.280
	15 Acetone	43	2.731	2.731	(0.536)	217008	200.000	201.98
	54 Freon-113	151	2.742	2.742	(0.538)	66894	100.000	93.283

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	56 Iodomethane	142	2.849	2.849	(0.559)	143850	100.000	97.022
	18 Carbon Disulfide	76	2.920	2.920	(0.573)	356005	100.000	95.934
	55 Acetonitrile	41	2.955	2.955	(0.580)	238951	1000.00	989.20
	17 Methylene Chloride	84	3.097	3.097	(0.608)	138746	100.000	102.22
	19 Acrylonitrile	53	3.287	3.287	(0.645)	710301	1000.00	1005.0(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	368053	100.000	97.068
	84 Hexane	57	3.547	3.547	(0.696)	216374	100.000	93.489
	21 Vinyl acetate	43	3.689	3.689	(0.724)	359364	100.000	96.660
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	246134	100.000	100.24
	23 2-Butanone	43	4.139	4.139	(0.812)	267614	200.000	214.00
	20 trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	111700	100.000	96.787
	24 cis-1,2-dichloroethene	96	4.139	4.139	(0.812)	122157	100.000	100.25
M	25 1,2-Dichloroethene (total)	96				233857	200.000	197.04
	86 2,2-Dichloropropane	77	4.139	4.139	(0.812)	83338	100.000	99.616
	111 Bromochloromethane	128	4.340	4.340	(0.851)	52241	100.000	100.17
	79 Tetrahydrofuran	42	4.375	4.375	(0.858)	63202	100.000	102.26
	26 Chloroform	83	4.399	4.399	(0.863)	165018	100.000	98.166
	27 1,1,1-Trichloroethane	97	4.565	4.565	(0.896)	123900	100.000	93.083
	87 1,1-Dichloropropene	75	4.695	4.695	(0.921)	131871	100.000	93.074
	28 Carbon Tetrachloride	117	4.707	4.707	(0.923)	99508	100.000	95.822
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	173559	100.000	97.661
	30 Benzene	78	4.872	4.872	(0.956)	481151	100.000	97.616
	31 Trichloroethene	130	5.405	5.405	(1.060)	109639	100.000	97.130
	32 1,2-Dichloropropane	63	5.582	5.582	(1.095)	151871	100.000	97.672
	63 1,4-Dioxane	88	5.689	5.689	(1.116)	67126	5000.00	5000.9(A)
	64 Dibromomethane	93	5.689	5.689	(1.116)	56132	100.000	94.548
	33 Bromodichloromethane	83	5.819	5.819	(1.142)	123456	100.000	95.736
	34 2-Chloroethyl vinyl ether	63	6.056	6.056	(1.188)	146273	200.000	194.74
	36 cis-1,3-Dichloropropene	75	6.198	6.198	(1.216)	172822	100.000	96.134
	35 4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	415172	200.000	199.27
	37 Toluene	91	6.505	6.505	(0.840)	502387	100.000	98.114
	38 trans-1,3-Dichloropropene	75	6.683	6.683	(0.863)	147807	100.000	100.75
	65 Ethyl Methacrylate	69	6.754	6.754	(0.872)	150701	100.000	101.20
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	93006	100.000	95.177
	88 1,3-Dichloropropane	76	7.002	7.002	(0.904)	176127	100.000	97.282
	41 Tetrachloroethene	164	7.002	7.002	(0.904)	79106	100.000	100.13
	39 2-Hexanone	43	7.061	7.061	(0.911)	371084	200.000	210.14
	42 Dibromochloromethane	129	7.215	7.215	(0.931)	88386	100.000	101.00
	66 1,2-Dibromoethane	107	7.334	7.334	(0.947)	90617	100.000	97.356
	43 Chlorobenzene	112	7.783	7.783	(1.005)	331560	100.000	100.58
	44 Ethylbenzene	106	7.878	7.878	(1.017)	175379	100.000	96.764
	45 m + p-Xylene	106	7.984	7.984	(1.031)	441181	200.000	194.26
	46 Xylene-o	106	8.363	8.363	(1.079)	222534	100.000	98.902
M	47 Xylenes (total)	106				663715	300.000	293.16
	48 Styrene	104	8.375	8.375	(1.081)	362883	100.000	95.454
	49 Bromoform	173	8.552	8.552	(1.104)	49371	100.000	93.327
	89 Isopropylbenzene	105	8.706	8.706	(1.124)	527485	100.000	99.414

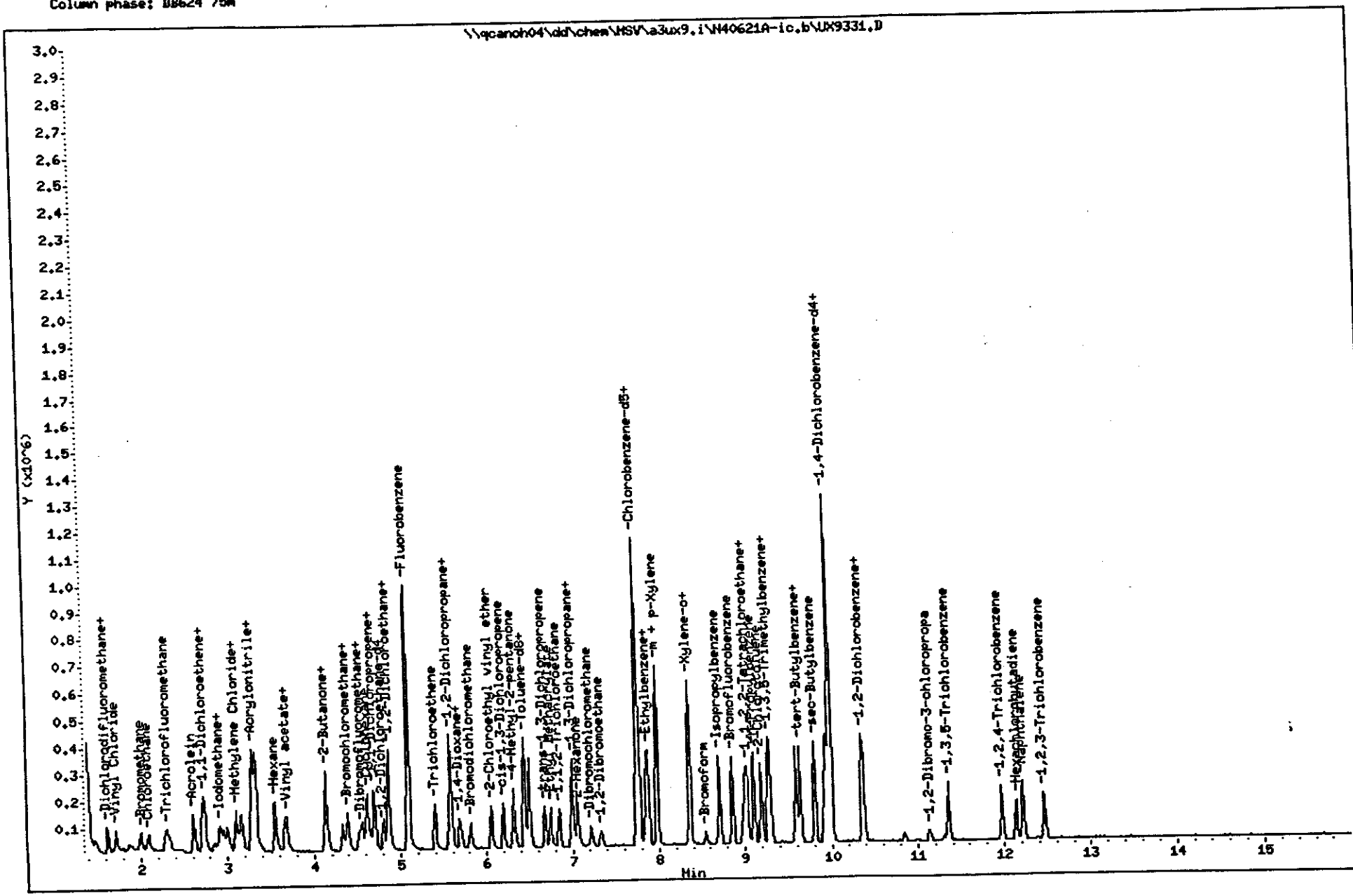
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50 1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	144704	100.000	103.25
90 Bromobenzene	156	9.014	9.014	(0.903)	117815	100.000	96.095
68 1,2,3-Trichloropropane	75	9.026	9.026	(0.904)	169934	100.000	100.34
69 1,4-Dichloro-2-butene	53	9.037	9.037	(0.905)	63574	100.000	99.628
92 n-Propylbenzene	120	9.108	9.108	(0.912)	156500	100.000	97.354
91 2-Chlorotoluene	126	9.191	9.191	(0.921)	127285	100.000	95.604
94 1,3,5-Trimethylbenzene	105	9.274	9.274	(0.929)	450659	100.000	98.003
93 4-Chlorotoluene	126	9.298	9.298	(0.931)	134643	100.000	96.285
95 tert-Butylbenzene	119	9.594	9.594	(0.961)	421277	100.000	100.97
96 1,2,4-Trimethylbenzene	105	9.641	9.641	(0.966)	462011	100.000	98.891
97 sec-Butylbenzene	105	9.807	9.807	(0.982)	644466	100.000	99.586
51 1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	251443	100.000	97.475
52 1,4-Dichlorobenzene	146	10.008	10.008	(1.002)	255927	100.000	96.674
53 1,2-Dichlorobenzene	146	10.375	10.375	(1.039)	244994	100.000	97.529
98 4-Isopropyltoluene	119	9.949	9.949	(0.996)	502044	100.000	98.887
99 n-Butylbenzene	91	10.351	10.351	(1.037)	482584	100.000	97.326
100 1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	151454	100.000	100.77
102 Hexachlorobutadiene	225	12.149	12.149	(1.217)	63478	100.000	103.02
101 Naphthalene	128	12.220	12.220	(1.224)	464721	100.000	103.42
103 1,2,3-Trichlorobenzene	180	12.469	12.469	(1.249)	140342	100.000	101.30
82 tert-Butyl Alcohol	59	3.168	3.168	(0.622)	323133	2000.00	1996.8 (A)
138 Methyl Acetate	43	3.003	3.003	(0.589)	273481	200.000	204.07
139 Methylcyclohexane	83	5.582	5.582	(1.095)	209589	100.000	96.413
83 Cyclohexane	56	4.624	4.624	(0.907)	303591	100.000	96.900
137 1,3,5-Trichlorobenzene	180	11.357	11.357	(1.137)	170617	100.000	103.64
67 1,1,1,2-Tetrachloroethane	131	7.854	7.854	(1.014)	96037	100.000	97.585
72 1,2-Dibromo-3-chloropropane	157	11.144	11.144	(1.116)	23939	100.000	96.302

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40621A-ic.b\UX9331.D
Date : 21-JUN-2004 12:34
Client ID:
Sample Info: 50NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9331.D
Lab Smp Id: 50NG-IC
Inj Date : 21-JUN-2004 12:34 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 50NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:53 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.096	5.096	(1.000)	948699	250.000	
* 2 Chlorobenzene-d5	117	7.758	7.758	(1.000)	677244	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.983	9.983	(1.000)	341931	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.812	4.812	(0.944)	70848	50.0000	54.753
$ 5 Toluene-d8	98	6.445	6.445	(0.831)	267285	50.0000	52.221
$ 6 Bromofluorobenzene	95	8.859	8.859	(1.142)	110507	50.0000	50.211
$ 7 Dibromofluoromethane	113	4.528	4.528	(0.889)	48845	50.0000	52.780
8 Dichlorodifluoromethane	85	1.475	1.475	(0.290)	35426	50.0000	47.521
9 Chloromethane	50	1.617	1.617	(0.317)	104730	50.0000	50.650
10 Vinyl Chloride	62	1.724	1.724	(0.338)	88830	50.0000	47.284
11 Bromomethane	94	2.008	2.008	(0.394)	49978	50.0000	46.799
12 Chloroethane	64	2.091	2.091	(0.410)	63287	50.0000	44.945
13 Trichlorofluoromethane	101	2.304	2.304	(0.452)	63633	50.0000	40.658
14 Acrolein	56	2.611	2.611	(0.512)	156138	500.000	477.31
16 1,1-Dichloroethene	96	2.730	2.730	(0.536)	47309	50.0000	47.352
15 Acetone	43	2.730	2.730	(0.536)	105762	100.000	101.86
54 Freon-113	151	2.741	2.741	(0.538)	33480	50.0000	48.314

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	56 Iodomethane	142	2.848	2.848	(0.559)	69129	50.0000	48.250
	18 Carbon Disulfide	76	2.919	2.919	(0.573)	171207	50.0000	47.743
	55 Acetonitrile	41	2.966	2.966	(0.582)	118780	500.000	508.86
	17 Methylene Chloride	84	3.096	3.096	(0.608)	75568	50.0000	48.121
	19 Acrylonitrile	53	3.286	3.286	(0.645)	335548	500.000	491.32
	78 Methyl tert-butyl ether	73	3.321	3.321	(0.652)	176351	50.0000	48.131
	84 Hexane	57	3.558	3.558	(0.698)	106974	50.0000	47.831
	21 Vinyl acetate	43	3.688	3.688	(0.724)	166477	50.0000	46.339
	22 1,1-Dichloroethane	63	3.664	3.664	(0.719)	116958	50.0000	49.290
	23 2-Butanone	43	4.138	4.138	(0.812)	115385	100.000	95.483
	20 trans-1,2-Dichloroethene	96	3.333	3.333	(0.654)	55464	50.0000	49.734
	24 cis-1,2-dichloroethene	96	4.138	4.138	(0.812)	56085	50.0000	47.632
M	25 1,2-Dichloroethene (total)	96				111549	100.000	97.366
	86 2,2-Dichloropropane	77	4.149	4.149	(0.814)	38382	50.0000	47.478
	111 Bromochloromethane	128	4.339	4.339	(0.851)	23687	50.0000	47.003
	79 Tetrahydrofuran	42	4.386	4.386	(0.861)	29433	50.0000	46.286
	26 Chloroform	83	4.398	4.398	(0.863)	78735	50.0000	48.470
	27 1,1,1-Trichloroethane	97	4.564	4.564	(0.896)	60611	50.0000	47.122
	87 1,1-Dichloropropene	75	4.694	4.694	(0.921)	67107	50.0000	49.014
	28 Carbon Tetrachloride	117	4.706	4.706	(0.923)	46912	50.0000	46.749
	29 1,2-Dichloroethane	62	4.871	4.871	(0.956)	82834	50.0000	48.235
	30 Benzene	78	4.871	4.871	(0.956)	228538	50.0000	47.982
	31 Trichloroethene	130	5.404	5.404	(1.060)	52614	50.0000	48.235
	32 1,2-Dichloropropane	63	5.593	5.593	(1.098)	72451	50.0000	48.219
	63 1,4-Dioxane	88	5.688	5.688	(1.116)	33002	2500.00	2544.4(A)
	64 Dibromomethane	93	5.688	5.688	(1.116)	28283	50.0000	49.299
	33 Bromodichloromethane	83	5.818	5.818	(1.142)	60689	50.0000	48.702
	34 2-Chloroethyl vinyl ether	63	6.055	6.055	(1.188)	68251	100.000	94.034
	36 cis-1,3-Dichloropropene	75	6.197	6.197	(1.216)	78552	50.0000	45.218
	35 4-Methyl-2-pentanone	43	6.315	6.315	(1.239)	192242	100.000	95.486
	37 Toluene	91	6.504	6.504	(0.838)	236689	50.0000	47.511
	38 trans-1,3-Dichloropropene	75	6.682	6.682	(0.861)	67983	50.0000	47.629
	65 Ethyl Methacrylate	69	6.753	6.753	(0.870)	63333	50.0000	43.716
	40 1,1,2-Trichloroethane	97	6.847	6.847	(0.883)	46704	50.0000	49.124
	88 1,3-Dichloropropane	76	7.001	7.001	(0.902)	86967	50.0000	49.372
	41 Tetrachloroethene	164	7.001	7.001	(0.902)	36163	50.0000	47.048
	39 2-Hexanone	43	7.060	7.060	(0.910)	163552	100.000	95.197
	42 Dibromochloromethane	129	7.214	7.214	(0.930)	40592	50.0000	47.678
	66 1,2-Dibromoethane	107	7.332	7.332	(0.945)	44105	50.0000	48.704
	43 Chlorobenzene	112	7.782	7.782	(1.003)	159634	50.0000	49.772
	44 Ethylbenzene	106	7.877	7.877	(1.015)	85312	50.0000	48.380
	45 m + p-Xylene	106	7.983	7.983	(1.029)	199604	100.000	90.336
	46 Xylene-o	106	8.362	8.362	(1.078)	98252	50.0000	44.882
M	47 Xylenes (total)	106				297856	150.000	135.22
	48 Styrene	104	8.374	8.374	(1.079)	170240	50.0000	46.027
	49 Bromoform	173	8.551	8.551	(1.102)	22911	50.0000	44.515
	89 Isopropylbenzene	105	8.705	8.705	(1.122)	227020	50.0000	43.977

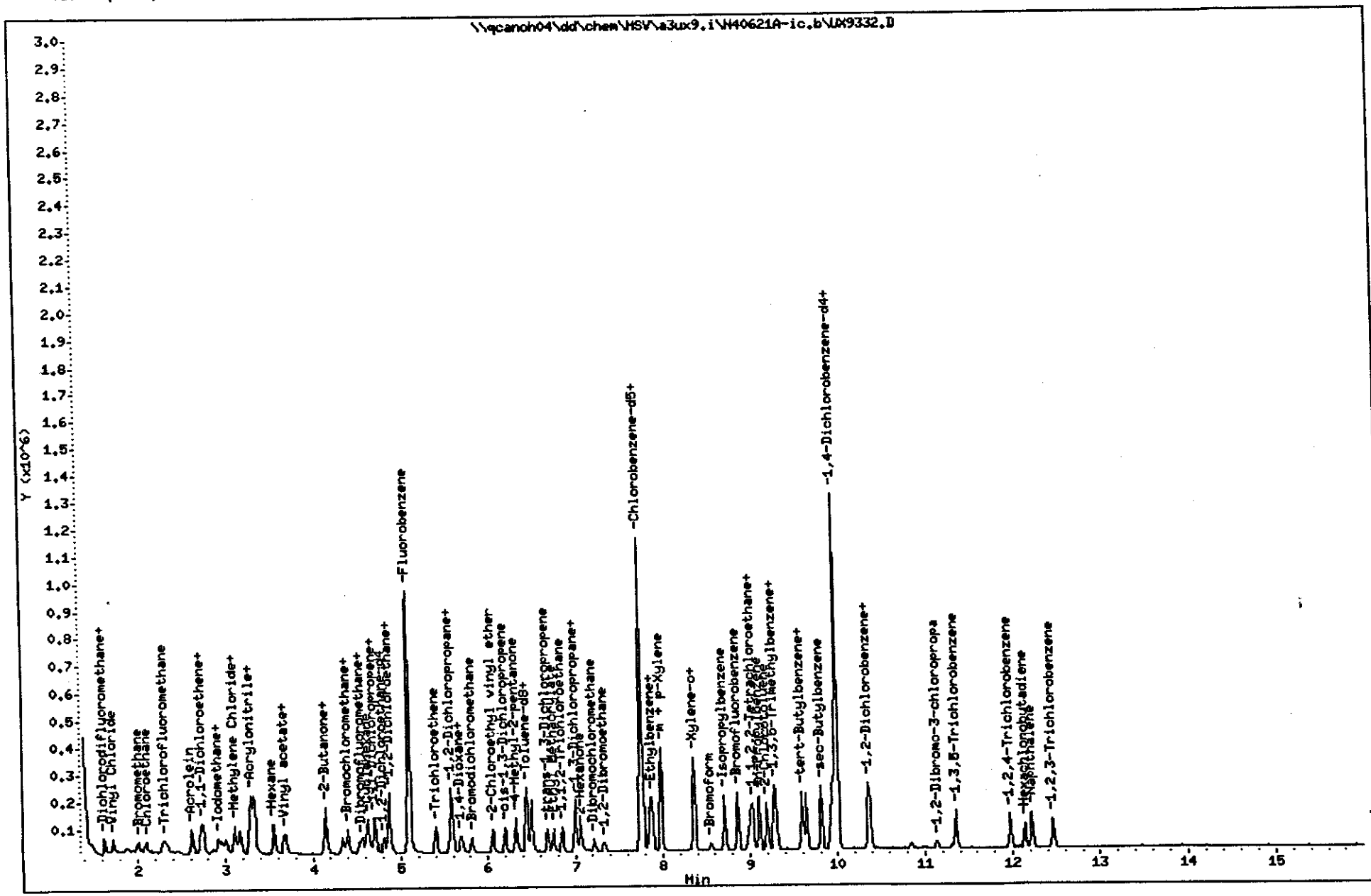
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.989	8.989	(0.900)	64796	50.0000	47.134
90	Bromobenzene	156	9.013	9.013	(0.903)	60014	50.0000	49.902
68	1,2,3-Trichloropropane	75	9.036	9.036	(0.905)	73597	50.0000	44.301
69	1,4-Dichloro-2-butene	53	9.036	9.036	(0.905)	28172	50.0000	45.007
92	n-Propylbenzene	120	9.107	9.107	(0.912)	72366	50.0000	45.892
91	2-Chlorotoluene	126	9.190	9.190	(0.921)	60237	50.0000	46.124
94	1,3,5-Trimethylbenzene	105	9.273	9.273	(0.929)	203375	50.0000	45.087
93	4-Chlorotoluene	126	9.297	9.297	(0.931)	67263	50.0000	49.036
95	tert-Butylbenzene	119	9.593	9.593	(0.961)	174948	50.0000	42.747
96	1,2,4-Trimethylbenzene	105	9.640	9.640	(0.966)	208065	50.0000	45.401
97	sec-Butylbenzene	105	9.806	9.806	(0.982)	283545	50.0000	44.667
51	1,3-Dichlorobenzene	146	9.924	9.924	(0.994)	120173	50.0000	47.492
52	1,4-Dichlorobenzene	146	10.007	10.007	(1.002)	120915	50.0000	46.563
53	1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	118756	50.0000	48.194
98	4-Isopropyltoluene	119	9.948	9.948	(0.996)	218400	50.0000	43.854
99	n-Butylbenzene	91	10.350	10.350	(1.037)	212668	50.0000	43.724
100	1,2,4-Trichlorobenzene	180	11.971	11.971	(1.199)	66400	50.0000	45.037
102	Hexachlorobutadiene	225	12.148	12.148	(1.217)	26740	50.0000	44.243
101	Naphthalene	128	12.219	12.219	(1.224)	200749	50.0000	45.545
103	1,2,3-Trichlorobenzene	180	12.468	12.468	(1.249)	61617	50.0000	45.339
82	tert-Butyl Alcohol	59	3.167	3.167	(0.622)	152714	1000.00	976.58
138	Methyl Acetate	43	3.002	3.002	(0.589)	124392	100.000	96.055
139	Methylcyclohexane	83	5.581	5.581	(1.095)	96016	50.0000	45.708
83	Cyclohexane	56	4.623	4.623	(0.907)	141302	50.0000	46.672
137	1,3,5-Trichlorobenzene	180	11.356	11.356	(1.137)	69506	50.0000	43.044
67	1,1,1,2-Tetrachloroethane	131	7.853	7.853	(1.012)	43662	50.0000	45.601
72	1,2-Dibromo-3-chloropropane	157	11.143	11.143	(1.116)	10926	50.0000	44.808

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40621A-ic.b\UX9332.D
Date : 21-JUN-2004 12:58
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9332.D
Lab Smp Id: 25NG-IC
Inj Date : 21-JUN-2004 12:58 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 25NG-IC
Misc Info : N40621A,8260SUX9-3,1-8260.SUB,1819,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:53 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.097	5.097	(1.000)	943586	250.000	
* 2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	676984	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.983	9.983	(1.000)	334826	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	39355	25.0000	30.579
$ 5 Toluene-d8	98	6.445	6.445	(0.832)	156789	25.0000	24.342
$ 6 Bromofluorobenzene	95	8.859	8.859	(1.144)	75683	25.0000	26.645
$ 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	29386	25.0000	31.925
8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	19213	25.0000	25.912
9 Chloromethane	50	1.618	1.618	(0.317)	55313	25.0000	26.896
10 Vinyl Chloride	62	1.724	1.724	(0.338)	51178	25.0000	27.389
11 Bromomethane	94	2.008	2.008	(0.394)	27468	25.0000	25.860
12 Chloroethane	64	2.103	2.103	(0.413)	36093	25.0000	25.771
13 Trichlorofluoromethane	101	2.292	2.292	(0.450)	39226	25.0000	25.199
14 Acrolein	56	2.612	2.612	(0.512)	98330	250.000	302.22
16 1,1-Dichloroethene	96	2.718	2.718	(0.533)	27741	25.0000	27.917
15 Acetone	43	2.742	2.742	(0.538)	64398	50.0000	62.362
54 Freon-113	151	2.742	2.742	(0.538)	17435	25.0000	25.296

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	56 Iodomethane	142	2.848	2.848	(0.559)	39248	25.0000	27.542
	18 Carbon Disulfide	76	2.919	2.919	(0.573)	101589	25.0000	28.483
	55 Acetonitrile	41	2.967	2.967	(0.582)	67944	250.000	292.65
	17 Methylene Chloride	84	3.097	3.097	(0.608)	52368	25.0000	26.832
	19 Acrylonitrile	53	3.286	3.286	(0.645)	188820	250.000	277.98
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	101589	25.0000	27.876
	84 Hexane	57	3.558	3.558	(0.698)	62995	25.0000	28.320
	21 Vinyl acetate	43	3.688	3.688	(0.724)	90101	25.0000	25.215
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	65427	25.0000	27.722
	23 2-Butanone	43	4.138	4.138	(0.812)	66967	50.0000	55.716
	20 trans-1,2-Dichloroethene	96	3.333	3.333	(0.654)	31467	25.0000	28.369
	24 cis-1,2-dichloroethene	96	4.138	4.138	(0.812)	33048	25.0000	28.219
M	25 1,2-Dichloroethene (total)	96				64515	50.0000	56.588
	86 2,2-Dichloropropane	77	4.138	4.138	(0.812)	23226	25.0000	28.886
	111 Bromochloromethane	128	4.339	4.339	(0.851)	13851	25.0000	27.634
	79 Tetrahydrofuran	42	4.375	4.375	(0.858)	19599	25.0000	29.077
	26 Chloroform	83	4.398	4.398	(0.863)	46117	25.0000	28.544
	27 1,1,1-Trichloroethane	97	4.564	4.564	(0.896)	35899	25.0000	28.061
	87 1,1-Dichloropropene	75	4.694	4.694	(0.921)	37510	25.0000	27.545
	28 Carbon Tetrachloride	117	4.706	4.706	(0.923)	26717	25.0000	26.768
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	48112	25.0000	28.168
	30 Benzene	78	4.872	4.872	(0.956)	135320	25.0000	28.564
	31 Trichloroethene	130	5.404	5.404	(1.060)	31790	25.0000	29.302
	32 1,2-Dichloropropane	63	5.593	5.593	(1.098)	41485	25.0000	27.759
	63 1,4-Dioxane	88	5.688	5.688	(1.116)	19145	1250.00	1484.0(A)
	64 Dibromomethane	93	5.688	5.688	(1.116)	15663	25.0000	27.450
	33 Bromodichloromethane	83	5.818	5.818	(1.142)	34095	25.0000	27.509
	34 2-Chloroethyl vinyl ether	63	6.055	6.055	(1.188)	35575	50.0000	49.280
	36 cis-1,3-Dichloropropene	75	6.197	6.197	(1.216)	47925	25.0000	27.737
	35 4-Methyl-2-pentanone	43	6.315	6.315	(1.239)	107724	50.0000	53.796
	37 Toluene	91	6.505	6.505	(0.840)	141989	25.0000	28.513
	38 trans-1,3-Dichloropropene	75	6.682	6.682	(0.863)	33127	25.0000	23.218
	65 Ethyl Methacrylate	69	6.753	6.753	(0.872)	37149	25.0000	25.652
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	29324	25.0000	30.856
	88 1,3-Dichloropropane	76	7.002	7.002	(0.904)	51454	25.0000	29.222
	41 Tetrachloroethene	164	7.002	7.002	(0.904)	21942	25.0000	28.558
	39 2-Hexanone	43	7.061	7.061	(0.911)	91602	50.0000	53.338
	42 Dibromochloromethane	129	7.215	7.215	(0.931)	22493	25.0000	26.430
	66 1,2-Dibromoethane	107	7.333	7.333	(0.947)	26388	25.0000	29.151
	43 Chlorobenzene	112	7.783	7.783	(1.005)	88505	25.0000	27.606
	44 Ethylbenzene	106	7.877	7.877	(1.017)	47432	25.0000	26.909
	45 m + p-Xylene	106	7.984	7.984	(1.031)	120813	50.0000	54.698
	46 Xylene-o	106	8.362	8.362	(1.079)	59597	25.0000	27.235
M	47 Xylenes (total)	106				180410	75.0000	81.933
	48 Styrene	104	8.374	8.374	(1.081)	92601	25.0000	25.046
	49 Bromoform	173	8.552	8.552	(1.104)	13674	25.0000	26.578
	89 Isopropylbenzene	105	8.706	8.706	(1.124)	138677	25.0000	26.874

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	37039	25.0000	27.514
90	Bromobenzene	156	9.013	9.013	(0.903)	33289	25.0000	28.267
68	1,2,3-Trichloropropane	75	9.037	9.037	(0.905)	45094	25.0000	27.720
69	1,4-Dichloro-2-butene	53	9.037	9.037	(0.905)	16131	25.0000	26.318
92	n-Propylbenzene	120	9.108	9.108	(0.912)	42577	25.0000	27.574
91	2-Chlorotoluene	126	9.191	9.191	(0.921)	37226	25.0000	29.109
94	1,3,5-Trimethylbenzene	105	9.273	9.273	(0.929)	116728	25.0000	26.427
93	4-Chlorotoluene	126	9.297	9.297	(0.931)	36964	25.0000	27.519
95	tert-Butylbenzene	119	9.593	9.593	(0.961)	113230	25.0000	28.254
96	1,2,4-Trimethylbenzene	105	9.640	9.640	(0.966)	118544	25.0000	26.416
97	sec-Butylbenzene	105	9.806	9.806	(0.982)	170692	25.0000	27.460
51	1,3-Dichlorobenzene	146	9.924	9.924	(0.994)	71210	25.0000	28.739
52	1,4-Dichlorobenzene	146	10.007	10.007	(1.002)	78535	25.0000	30.884
53	1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	70651	25.0000	29.280
98	4-Isopropyltoluene	119	9.948	9.948	(0.996)	134104	25.0000	27.499
99	n-Butylbenzene	91	10.350	10.350	(1.037)	129292	25.0000	27.146
100	1,2,4-Trichlorobenzene	180	11.971	11.971	(1.199)	42685	25.0000	29.566
102	Hexachlorobutadiene	225	12.149	12.149	(1.217)	17367	25.0000	29.344
101	Naphthalene	128	12.220	12.220	(1.224)	125662	25.0000	29.115
103	1,2,3-Trichlorobenzene	180	12.468	12.468	(1.249)	37961	25.0000	28.525
82	tert-Butyl Alcohol	59	3.168	3.168	(0.622)	91643	500.000	589.22
138	Methyl Acetate	43	3.002	3.002	(0.589)	74501	50.0000	57.841
139	Methylcyclohexane	83	5.570	5.570	(1.093)	58584	25.0000	28.040
83	Cyclohexane	56	4.623	4.623	(0.907)	83236	25.0000	27.642
137	1,3,5-Trichlorobenzene	180	11.356	11.356	(1.137)	45577	25.0000	28.824
67	1,1,1,2-Tetrachloroethane	131	7.854	7.854	(1.014)	24991	25.0000	26.111
72	1,2-Dibromo-3-chloropropane	157	11.143	11.143	(1.116)	7017	25.0000	29.387

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

STL North Canton

RECOVERY REPORT

Client Name:
Client SDG: SDGa00363
Sample Matrix: SOLID
Fraction: VOA
Lab Smp Id: GJRLR1AC
Level: LOW
Operator: 1819
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: A-CK.spk
Quant Type: ISTD
Sublist File: 4-8260+A9.sub
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Misc Info: N40621A,8260SUX9-3,,1819,3

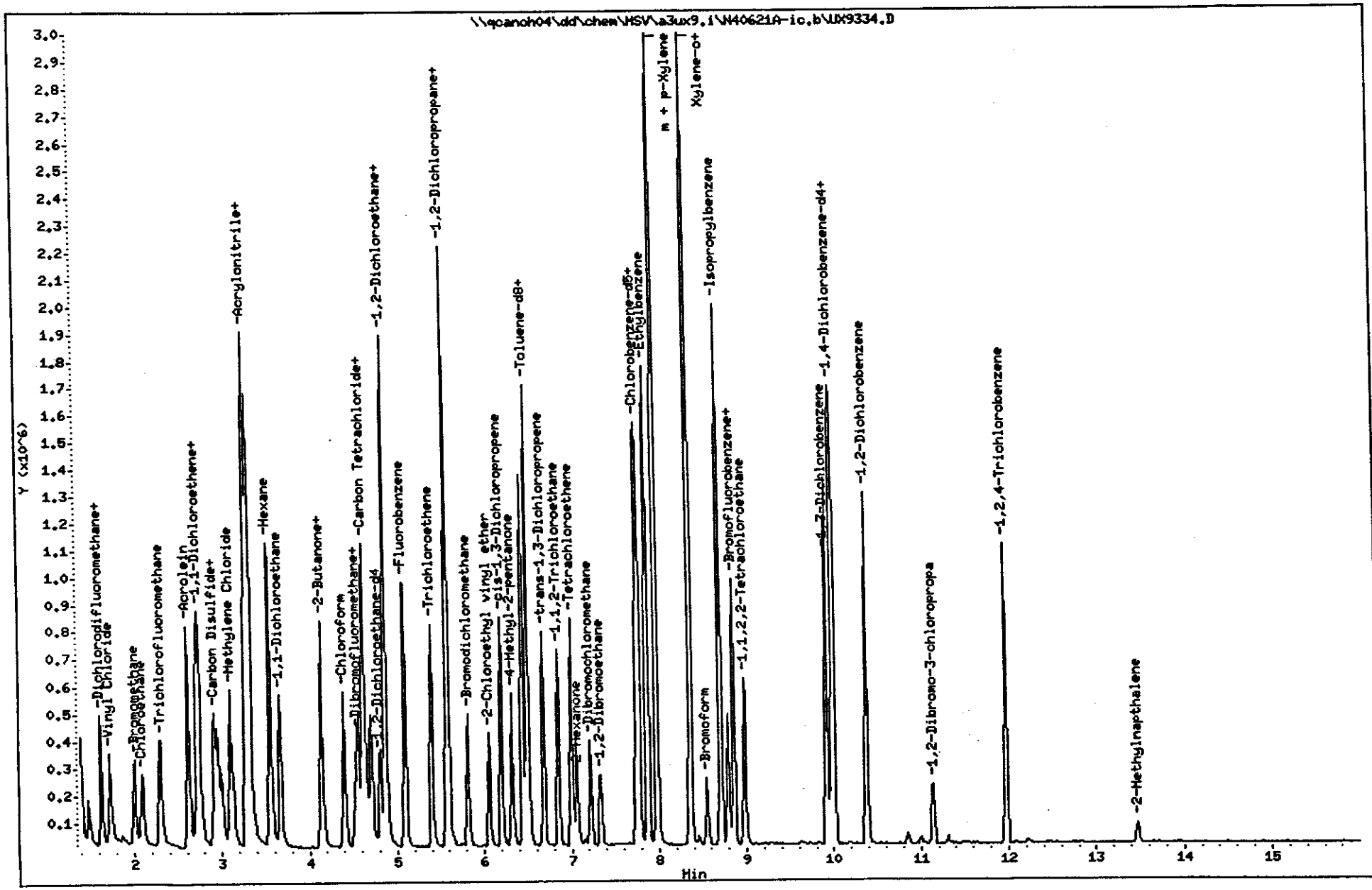
	SPIKE	COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
	16	1,1-Dichloroethene	50.000	53.189	106.38	50-150
	31	Trichloroethene	50.000	47.535	95.07	50-150
	43	Chlorobenzene	50.000	46.445	92.89	50-150
	37	Toluene	50.000	48.200	96.40	50-150
	30	Benzene	50.000	47.498	95.00	50-150
	15	Acetone	50.000	30.118	60.24	50-150
	18	Carbon Disulfide	50.000	49.809	99.62	50-150
	9	Chloromethane	50.000	50.311	100.62	50-150
	11	Bromomethane	50.000	49.554	99.11	50-150
	10	Vinyl Chloride	50.000	50.070	100.14	50-150
	12	Chloroethane	50.000	43.472	86.94	50-150
	17	Methylene Chloride	50.000	49.055	98.11	50-150
	22	1,1-Dichloroethane	50.000	48.074	96.15	50-150
M	25	1,2-Dichloroethene	100.00	93.230	93.23	50-150
	26	Chloroform	50.000	47.651	95.30	50-150
	29	1,2-Dichloroethane	50.000	47.076	94.15	50-150
	23	2-Butanone	50.000	35.598	71.20	50-150
	27	1,1,1-Trichloroeth	50.000	49.042	98.08	50-150
	28	Carbon Tetrachlori	50.000	49.552	99.10	50-150
	33	Bromodichlorometha	50.000	47.696	95.39	50-150
	32	1,2-Dichloropropan	50.000	46.504	93.01	50-150
	36	cis-1,3-Dichloropr	50.000	46.705	93.41	50-150
	42	Dibromochlorometha	50.000	44.799	89.60	50-150
	40	1,1,2-Trichloroeth	50.000	47.097	94.19	50-150
	38	trans-1,3-Dichloro	50.000	47.710	95.42	50-150
	49	Bromoform	50.000	48.247	96.49	50-150
	35	4-Methyl-2-pentano	50.000	43.345	86.69	50-150
	39	2-Hexanone	50.000	36.023	72.05	50-150
	41	Tetrachloroethene	50.000	47.308	94.62	50-150
	50	1,1,2,2-Tetrachlor	50.000	48.737	97.47	50-150
	44	Ethylbenzene	50.000	49.342	98.68	50-150
	48	Styrene	50.000	48.230	96.46	50-150
M	47	Xylenes (total)	150.00	144.82	96.55	50-150

	SPIKE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
24	cis-1,2-dichloroet	50.000	46.070	92.14	50-150
20	trans-1,2-Dichloro	50.000	47.160	94.32	50-150
8	Dichlorodifluorome	50.000	53.010	106.02	50-150
13	Trichlorofluoromet	50.000	51.488	102.98	50-150
45	m + p-Xylene	100.00	97.562	97.56	50-150
46	Xylene-o	50.000	47.262	94.52	50-150
51	1,3-Dichlorobenzen	50.000	46.833	93.67	50-150
52	1,4-Dichlorobenzen	50.000	46.213	92.43	50-150
53	1,2-Dichlorobenzen	50.000	43.944	87.89	50-150
54	Freon-113	50.000	59.688	119.38	50-150
66	1,2-Dibromoethane	50.000	47.193	94.39	50-150
72	1,2-Dibromo-3-chlo	50.000	49.892	99.78	50-150
78	Methyl tert-butyl	50.000	37.923	75.85	50-150
83	Cyclohexane	50.000	50.148	100.30	50-150
84	Hexane	50.000	55.112	110.22	50-150
89	Isopropylbenzene	50.000	51.176	102.35	50-150
100	1,2,4-Trichloroben	50.000	46.931	93.86	50-150
138	Methyl Acetate	50.000	48.931	97.86	50-150
139	Methylcyclohexane	50.000	49.399	98.80	50-150

	SURROGATE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
$ 4	1,2-Dichloroethane	50.000	35.729	71.46	61-130
$ 5	Toluene-d8	50.000	41.046	82.09	60-143
$ 6	Bromofluorobenzene	50.000	40.424	80.85	47-158
$ 7	Dibromofluorometha	50.000	37.412	74.82	59-138

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40621A-ic.b\UX9334.D
Date : 21-JUN-2004 13:47
Client ID:
Sample Info: ICVAGHEGK
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\UX9334.D
Lab Smp Id: GJRLR1AC
Inj Date : 21-JUN-2004 13:47
Operator : 1819 Inst ID: a3ux9.i
Smp Info : ICV/CHECK
Misc Info : N40621A,8260SUX9-3,,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\8260SUX9-3.m
Meth Date : 22-Jun-2004 21:54 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 9 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
* 1	Fluorobenzene	96	5.097	5.097	(1.000)	972813	250.000	
* 2	Chlorobenzene-d5	117	7.759	7.748	(1.000)	703324	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	347542	250.000	
$ 4	1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	237032	178.643	35.729
$ 5	Toluene-d8	98	6.446	6.446	(0.831)	907018	205.228	41.046
$ 6	Bromofluorobenzene	95	8.860	8.860	(1.142)	347685	202.119	40.424
$ 7	Dibromofluoromethane	113	4.529	4.529	(0.889)	177514	187.058	37.412
8	Dichlorodifluoromethane	85	1.476	1.476	(0.290)	202612	265.050	53.010
9	Chloromethane	50	1.618	1.618	(0.318)	533363	251.553	50.311
10	Vinyl Chloride	62	1.725	1.725	(0.338)	482280	250.352	50.070
11	Bromomethane	94	2.009	1.997	(0.394)	271325	247.768	49.554
12	Chloroethane	64	2.091	2.092	(0.410)	313844	217.359	43.472
13	Trichlorofluoromethane	101	2.304	2.293	(0.452)	413151	257.438	51.488
14	Acrolein	56	2.612	2.612	(0.513)	849111	2531.39	506.28 (A)
16	1,1-Dichloroethene	96	2.719	2.719	(0.533)	272458	265.946	53.189
15	Acetone	43	2.730	2.731	(0.536)	160321	150.588	30.118
54	Freon-113	151	2.742	2.742	(0.538)	212062	298.438	59.688
56	Iodomethane	142	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	18 Carbon Disulfide	76	2.920	2.920	(0.573)	915766	249.044	49.809
	55 Acetonitrile	41	2.955	2.955	(0.580)	551072	2302.30	460.46(A)
	17 Methylene Chloride	84	3.097	3.097	(0.608)	298074	245.273	49.055
	19 Acrylonitrile	53	3.287	3.287	(0.645)	1693849	2418.74	483.75(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	712417	189.617	37.923
	84 Hexane	57	3.547	3.547	(0.696)	631956	275.562	55.112
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	584868	240.372	48.074
	23 2-Butanone	43	4.139	4.139	(0.812)	220554	177.988	35.598
	20 trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	269655	235.802	47.160
	24 cis-1,2-dichloroethene	96	4.139	4.139	(0.812)	278120	230.350	46.070
M	25 1,2-Dichloroethene (total)	96				547775	466.152	93.230
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	4.399	4.399	(0.863)	396856	238.254	47.651
	27 1,1,1-Trichloroethane	97	4.565	4.565	(0.896)	323417	245.209	49.042
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	4.707	4.707	(0.923)	254944	247.759	49.552
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	414500	235.383	47.076
	30 Benzene	78	4.872	4.872	(0.956)	1159929	237.491	47.498
	31 Trichloroethene	130	5.405	5.405	(1.060)	265842	237.677	47.535
	32 1,2-Dichloropropane	63	5.582	5.582	(1.095)	358256	232.523	46.504
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	5.819	5.819	(1.142)	304729	238.480	47.696
	34 2-Chloroethyl vinyl ether	63	6.055	6.056	(1.188)	182910	245.760	49.152
	36 cis-1,3-Dichloropropene	75	6.197	6.198	(1.216)	415989	233.527	46.705
	35 4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	447427	216.727	43.345
	37 Toluene	91	6.505	6.505	(0.838)	1246834	240.998	48.200
	38 trans-1,3-Dichloropropene	75	6.683	6.683	(0.861)	353603	238.549	47.710
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.883)	232502	235.484	47.097
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	7.002	7.002	(0.902)	188816	236.541	47.308
	39 2-Hexanone	43	7.061	7.061	(0.910)	321359	180.114	36.023
	42 Dibromochloromethane	129	7.215	7.215	(0.930)	198049	223.995	44.799
	66 1,2-Dibromoethane	107	7.333	7.334	(0.945)	221909	235.964	47.193
	43 Chlorobenzene	112	7.783	7.783	(1.003)	773487	232.224	46.445
	44 Ethylbenzene	106	7.878	7.878	(1.015)	451796	246.713	49.342
	45 m + p-Xylene	106	7.984	7.984	(1.029)	1119357	487.809	97.562
	46 Xylene-o	106	8.363	8.363	(1.078)	537228	236.309	47.262
M	47 Xylenes (total)	106				1656585	724.118	144.82
	48 Styrene	104	8.375	8.375	(1.079)	926278	241.149	48.230
	49 Bromoform	173	8.552	8.552	(1.102)	128940	241.233	48.247
	89 Isopropylbenzene	105	8.706	8.706	(1.122)	1371766	255.879	51.176
	50 1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	340498	243.685	48.737
	90 Bromobenzene	156	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
68	1,2,3-Trichloropropane	75	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
92	n-Propylbenzene	120	Compound Not Detected.					
91	2-Chlorotoluene	126	Compound Not Detected.					
94	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93	4-Chlorotoluene	126	Compound Not Detected.					
95	tert-Butylbenzene	119	Compound Not Detected.					
96	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97	sec-Butylbenzene	105	Compound Not Detected.					
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	602244	234.164	46.833
52	1,4-Dichlorobenzene	146	10.008	10.008	(1.002)	609880	231.065	46.213
53	1,2-Dichlorobenzene	146	10.374	10.375	(1.039)	550302	219.721	43.944
98	4-Isopropyltoluene	119	Compound Not Detected.					
99	n-Butylbenzene	91	Compound Not Detected.					
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	351639	234.653	46.931
102	Hexachlorobutadiene	225	Compound Not Detected.					
101	Naphthalene	128	Compound Not Detected.					
103	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82	tert-Butyl Alcohol	59	Compound Not Detected.					
57	3-Chloropropene	76	Compound Not Detected.					
58	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59	Propionitrile	54	Compound Not Detected.					
60	Methacrylonitrile	41	Compound Not Detected.					
61	Isobutanol	41	Compound Not Detected.					
62	Methyl Methacrylate	41	Compound Not Detected.					
67	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72	1,2-Dibromo-3-chloropropane	157	11.144	11.144	(1.116)	61827	249.460	49.892
74	n-Butanol	56	Compound Not Detected.					
75	Ethyl Acetate	43	Compound Not Detected.					
76	Cyclohexanone	55	8.789	8.791	(1.133)	270807	2529.61	505.92(A)
77	Ethyl Ether	59	Compound Not Detected.					
80	Dichlorofluoromethane	67	Compound Not Detected.					
81	2-Nitropropane	41	Compound Not Detected.					
85	Isopropyl Ether	87	Compound Not Detected.					
138	Methyl Acetate	43	3.003	3.003	(0.589)	324883	244.655	48.931
139	Methylcyclohexane	83	5.582	5.582	(1.095)	532037	246.994	49.399
83	Cyclohexane	56	4.624	4.624	(0.907)	778427	250.742	50.148
137	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147	2-Methylnapthalene	142	13.475	13.477	(1.350)	53726	23.1324	4.626(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 23-Jun-2004 22:05

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Start Cal Date: 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
12-FEB-2004 00:13	3-IX	UX91491.D
21-JUN-2004 12:58	1-8260	UX9332.D
Cal Level: 2 , Cal Amount: 50.000		
11-FEB-2004 23:48	3-IX	UX91490.D
21-JUN-2004 12:34	1-8260	UX9331.D
Cal Level: 3 , Cal Amount: 100.00		
11-FEB-2004 23:24	3-IX	UX91489.D
21-JUN-2004 12:10	1-8260	UX9330.D
Cal Level: 4 , Cal Amount: 250.00		
11-FEB-2004 23:00	3-IX	UX91488.D
21-JUN-2004 11:45	1-8260	UX9329.D
Cal Level: 5 , Cal Amount: 500.00		
11-FEB-2004 22:35	3-IX	UX91487.D
21-JUN-2004 11:21	1-8260	UX9328.D
Cal Level: 6 , Cal Amount: 1000.0		
11-FEB-2004 22:11	3-IX	UX91486.D
21-JUN-2004 10:56	1-8260	UX9327.D

Continuing Calibration

22-JUN-2004 20:23	1-8260	UX94000.D
22-JUN-2004 20:48	3-IX	UX94001.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b/UX94000.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94000.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 20:23
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	Benzene	250.0000	236.1660	5.5	50.0
0	Xylene-o	250.0000	248.9073	0.4	50.0
0	m + p-Xylene	500.0000	490.1007	2.0	50.0
0	Chlorobenzene	250.0000	241.5706	3.4	50.0
0	Toluene	250.0000	243.8188	2.5	20.0
0	1,1-Dichloroethene	250.0000	237.8277	4.9	20.0
0	Trichloroethene	250.0000	233.4678	6.6	50.0
1	Chloromethane	250.0000	213.8282	14.5	50.0
2	Bromomethane	250.0000	226.2120	9.5	50.0
3	Vinyl Chloride	250.0000	223.8579	10.5	20.0
4	Chloroethane	250.0000	211.7948	15.3	50.0
5	Methylene Chloride	250.0000	248.4637	0.6	50.0
6	Acetone	500.0000	497.4265	0.5	50.0
7	Carbon Disulfide	250.0000	239.3595	4.3	50.0
9	1,1-Dichloroethane	250.0000	246.5819	1.4	50.0
10	trans-1,2-Dichloroethene	250.0000	239.0993	4.4	50.0
11	cis-1,2-dichloroethene	250.0000	237.7614	4.9	50.0
12	1,2-Dichloroethene (total)	500.0000	476.8607	4.6	50.0
13	Chloroform	250.0000	251.2791	0.5	20.0
14	1,2-Dichloroethane	250.0000	254.6366	1.9	50.0
15	2-Butanone	500.0000	483.4100	3.3	50.0
16	1,1,1-Trichloroethane	250.0000	252.9849	1.2	50.0
17	Carbon Tetrachloride	250.0000	264.1523	5.7	50.0
18	Bromodichloromethane	250.0000	254.0993	1.6	50.0
19	1,2-Dichloropropane	250.0000	237.6024	5.0	20.0
19	Fluorobenzene	250.0000	250.0000	0.0	50.0
20	cis-1,3-Dichloropropene	250.0000	248.6082	0.6	50.0
22	Dibromochloromethane	250.0000	258.9084	3.6	50.0
23	1,1,2-Trichloroethane	250.0000	238.8035	4.5	50.0
25	trans-1,3-Dichloropropene	250.0000	269.7333	7.9	50.0
25	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
26	Bromoform	250.0000	258.1409	3.3	50.0
27	4-Methyl-2-pentanone	500.0000	485.2352	3.0	50.0
28	2-Hexanone	500.0000	506.0097	1.2	50.0
29	Tetrachloroethene	250.0000	238.9880	4.4	50.0
30	1,1,2,2-Tetrachloroethane	250.0000	250.6976	0.3	50.0
33	Ethylbenzene	250.0000	248.0234	0.8	20.0
34	Styrene	250.0000	252.4343	1.0	50.0
35	Xylenes (total)	750.0000	739.0080	1.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b/UX94000.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94000.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 20:23
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N4

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
38 Dichlorodifluoromethane	250.0000	195.3214	21.9	50.0
39 Trichlorofluoromethane	250.0000	237.1598	5.1	50.0
39 Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
40 Acrolein	2500.0000	2161.4137	13.5	50.0
41 Acrylonitrile	2500.0000	2319.9169	7.2	50.0
42 Vinyl acetate	250.0000	240.9233	3.6	50.0
43 2-Chloroethyl vinyl ether	500.0000	493.5997	1.3	50.0
47 Freon-113	250.0000	249.9879	0.0	50.0
48 1,3-Dichlorobenzene	250.0000	237.0046	5.2	50.0
49 1,4-Dichlorobenzene	250.0000	239.3030	4.3	50.0
50 1,2-Dichlorobenzene	250.0000	237.1886	5.1	50.0
51 Acetonitrile	2500.0000	2357.0773	5.7	50.0
52 Iodomethane	250.0000	230.7355	7.7	50.0
59 1,4-Dioxane	12500.0000	11978.0782	4.2	50.0
60 Dibromomethane	250.0000	253.1977	1.3	50.0
62 Ethyl Methacrylate	250.0000	265.1470	6.1	50.0
63 1,2-Dibromoethane	250.0000	246.0364	1.6	50.0
64 1,1,1,2-Tetrachloroethane	250.0000	253.2395	1.3	50.0
65 1,2,3-Trichloropropane	250.0000	251.6954	0.7	50.0
66 1,4-Dichloro-2-butene	250.0000	260.9892	4.4	50.0
69 1,2-Dibromo-3-chloropropane	250.0000	251.2302	0.5	50.0
82 Methyl tert-butyl ether	250.0000	249.8847	0.0	50.0
84 Tetrahydrofuran	250.0000	247.5510	1.0	50.0
97 tert-Butyl Alcohol	5000.0000	4977.7690	0.4	50.0
98 Cyclohexane	250.0000	239.6430	4.1	50.0
99 Hexane	250.0000	244.6270	2.1	20.0
102 2,2-Dichloropropane	250.0000	245.1987	1.9	50.0
103 1,1-Dichloropropene	250.0000	244.6039	2.2	50.0
104 1,3-Dichloropropane	250.0000	239.1828	4.3	50.0
105 Isopropylbenzene	250.0000	252.4309	1.0	50.0
106 Bromobenzene	250.0000	238.7933	4.5	50.0
107 2-Chlorotoluene	250.0000	243.0994	2.8	50.0
108 n-Propylbenzene	250.0000	245.0298	2.0	50.0
109 4-Chlorotoluene	250.0000	235.6770	5.7	50.0
110 1,3,5-Trimethylbenzene	250.0000	249.5783	0.2	50.0
111 tert-Butylbenzene	250.0000	251.4114	0.6	50.0
112 1,2,4-Trimethylbenzene	250.0000	248.7824	0.5	50.0
113 sec-Butylbenzene	250.0000	247.7941	0.9	50.0
114 4-Isopropyltoluene	250.0000	245.1440	1.9	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b/UX94000.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94000.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 20:23
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N4

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
115 n-Butylbenzene	250.0000	253.2324	1.3	50.0
116 1,2,4-Trichlorobenzene	250.0000	230.9600	7.6	50.0
117 Naphthalene	250.0000	234.0140	6.4	50.0
118 Hexachlorobutadiene	250.0000	230.8933	7.6	50.0
119 1,2,3-Trichlorobenzene	250.0000	231.9071	7.2	50.0
132 Bromochloromethane	250.0000	243.9376	2.4	50.0
137 1,3,5-Trichlorobenzene	250.0000	243.6995	2.5	50.0
138 Methyl Acetate	500.0000	490.3578	1.9	50.0
139 Methylcyclohexane	250.0000	240.1816	3.9	50.0
22 Toluene-d8	250.0000	301.3810	20.6	50.0
32 Bromofluorobenzene	250.0000	271.9611	8.8	50.0
47 1,2-Dichloroethane-d4	250.0000	316.1290	26.5	50.0
125 Dibromofluoromethane	250.0000	292.9235	17.2	50.0

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i Injection Date: 22-JUN-2004 20:23
Lab File ID: UX94000.D Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 19:20 12:58
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 1,2-Dichloroethane-d4	0.34098	0.43118	0.010	26.5	50.0
$	5 Toluene-d8	250	301	0.010	-20.6	50.0
$	6 Bromofluorobenzene	250	272	0.010	-8.8	50.0
$	7 Dibromofluoromethane	0.24387	0.28575	0.010	17.2	50.0
	8 Dichlorodifluoromethane	0.19645	0.15348	0.010	-21.9	50.0
	9 Chloromethane	0.54488	0.46605	0.100	-14.5	50.0
	10 Vinyl Chloride	0.49506	0.44329	0.010	-10.5	20.0
	11 Bromomethane	0.28142	0.25464	0.010	-9.5	50.0
	12 Chloroethane	0.37106	0.31436	0.010	-15.3	50.0
	13 Trichlorofluoromethane	0.41243	0.39124	0.010	-5.1	50.0
	14 Acrolein	0.08620	0.07453	0.010	-13.5	50.0
	16 1,1-Dichloroethene	0.26328	0.25046	0.050	-4.9	20.0
	15 Acetone	0.27360	0.27219	0.010	-0.5	50.0
	54 Freon-113	0.18261	0.18260	0.010	-0.0	50.0
	56 Iodomethane	0.37755	0.34846	0.010	-7.7	50.0
	18 Carbon Disulfide	0.94497	0.90475	0.010	-4.3	50.0
	55 Acetonitrile	0.06151	0.05800	0.010	-5.7	50.0
	17 Methylene Chloride	250	248	0.010	0.6	50.0
	19 Acrylonitrile	0.17997	0.16700	0.010	-7.2	50.0
	78 Methyl tert-butyl ether	0.96554	0.96509	0.010	-0.0	50.0
	84 Hexane	0.58936	0.57669	0.010	-2.1	20.0
	21 Vinyl acetate	0.94672	0.91235	0.010	-3.6	50.0
	22 1,1-Dichloroethane	0.62529	0.61674	0.100	-1.4	50.0
	23 2-Butanone	0.31845	0.30788	0.010	-3.3	50.0
	20 trans-1,2-Dichloroethene	0.29388	0.28107	0.010	-4.4	50.0
	24 cis-1,2-dichloroethene	0.31028	0.29509	0.010	-4.9	50.0
M	25 1,2-Dichloroethene (total)	0.30208	0.28808	0.010	-4.6	50.0
	86 2,2-Dichloropropane	0.21303	0.20894	0.010	-1.9	50.0
	111 Bromochloromethane	0.13280	0.12958	0.010	-2.4	50.0
	79 Tetrahydrofuran	250	248	0.010	1.0	50.0
	26 Chloroform	0.42806	0.43025	0.010	0.5	20.0
	27 1,1,1-Trichloroethane	0.33895	0.34300	0.010	1.2	50.0
	87 1,1-Dichloropropene	0.36079	0.35300	0.010	-2.2	50.0
	28 Carbon Tetrachloride	0.26444	0.27941	0.010	5.7	50.0
	29 1,2-Dichloroethane	0.45254	0.46094	0.010	1.9	50.0

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i Injection Date: 22-JUN-2004 20:23
Lab File ID: UX94000.D Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 19:20 12:58
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	30 Benzene	1.25515	1.18569	0.010	-5.5	50.0	
	31 Trichloroethene	0.28744	0.26843	0.010	-6.6	50.0	
	32 1,2-Dichloropropane	0.39595	0.37631	0.010	-5.0	20.0	
	63 1,4-Dioxane	0.00342	0.00328	0.010	-4.2	50.0	<-
	64 Dibromomethane	0.15118	0.15311	0.010	1.3	50.0	
	33 Bromodichloromethane	0.32838	0.33376	0.010	1.6	50.0	
	34 2-Chloroethyl vinyl ether	0.19127	0.18882	0.010	-1.3	50.0	
	36 cis-1,3-Dichloropropene	0.45778	0.45523	0.010	-0.6	50.0	
	35 4-Methyl-2-pentanone	0.53054	0.51487	0.010	-3.0	50.0	
	37 Toluene	1.83899	1.79352	0.010	-2.5	20.0	
	38 trans-1,3-Dichloropropene	0.52689	0.56848	0.010	7.9	50.0	
	65 Ethyl Methacrylate	0.53479	0.56719	0.010	6.1	50.0	
	40 1,1,2-Trichloroethane	0.35095	0.33524	0.010	-4.5	50.0	
	88 1,3-Dichloropropane	0.65023	0.62209	0.010	-4.3	50.0	
	41 Tetrachloroethene	0.28374	0.27124	0.010	-4.4	50.0	
	39 2-Hexanone	0.63420	0.64182	0.010	1.2	50.0	
	42 Dibromochloromethane	0.31428	0.32548	0.010	3.6	50.0	
	66 1,2-Dibromoethane	0.33428	0.32898	0.010	-1.6	50.0	
	43 Chlorobenzene	1.18394	1.14402	0.300	-3.4	50.0	
	44 Ethylbenzene	0.65093	0.64578	0.010	-0.8	20.0	
	45 m + p-Xylene	0.81565	0.79950	0.010	-2.0	50.0	
	46 Xylene-o	0.80810	0.80456	0.010	-0.4	50.0	
M	47 Xylenes (total)	0.81313	0.80119	0.010	-1.5	50.0	
	48 Styrene	1.36534	1.37864	0.010	1.0	50.0	
	49 Bromoform	0.18999	0.19618	0.100	3.3	50.0	
	89 Isopropylbenzene	1.90559	1.92412	0.010	1.0	50.0	
	50 1,1,2,2-Tetrachloroethane	1.00512	1.00793	0.300	0.3	50.0	
	90 Bromobenzene	0.87930	0.83989	0.010	-4.5	50.0	
	68 1,2,3-Trichloropropane	1.21464	1.22288	0.010	0.7	50.0	
	69 1,4-Dichloro-2-butene	0.45765	0.47777	0.010	4.4	50.0	
	92 n-Propylbenzene	1.15291	1.12999	0.010	-2.0	50.0	
	91 2-Chlorotoluene	0.95486	0.92850	0.010	-2.8	50.0	
	94 1,3,5-Trimethylbenzene	3.29796	3.29240	0.010	-0.2	50.0	
	93 4-Chlorotoluene	1.00291	0.94546	0.010	-5.7	50.0	
	95 tert-Butylbenzene	2.99232	3.00921	0.010	0.6	50.0	
	96 1,2,4-Trimethylbenzene	3.35068	3.33436	0.010	-0.5	50.0	

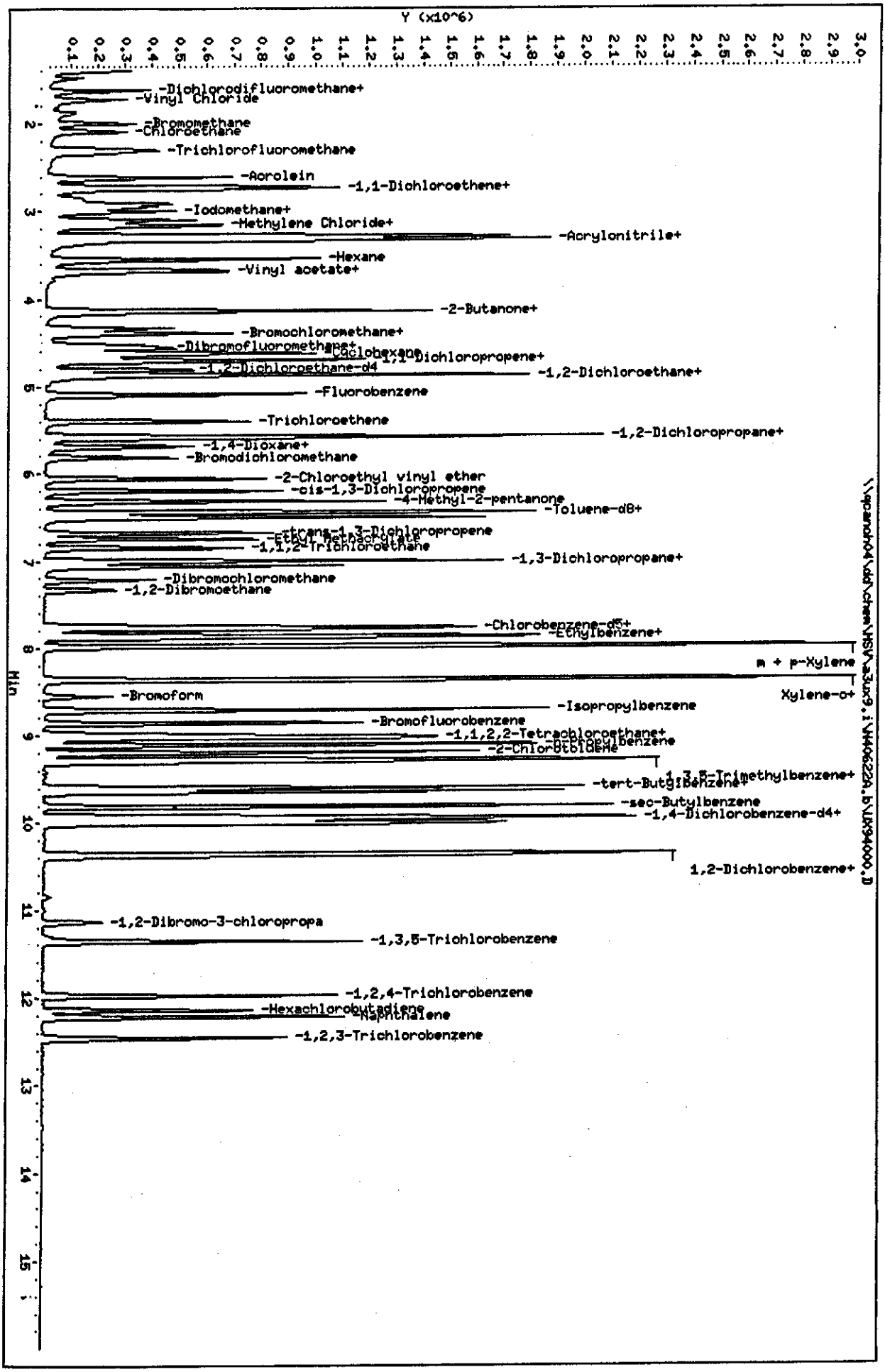
STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i
Lab File ID: UX94000.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m

Injection Date: 22-JUN-2004 20:23
Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Init. Cal. Times: 19:20 12:58
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
97	sec-Butylbenzene	4.64130	4.60035	0.010	-0.9	50.0
51	1,3-Dichlorobenzene	1.85006	1.75389	0.010	-5.2	50.0
52	1,4-Dichlorobenzene	1.89864	1.81740	0.010	-4.3	50.0
53	1,2-Dichlorobenzene	1.80162	1.70929	0.010	-5.1	50.0
98	4-Isopropyltoluene	3.64118	3.57046	0.010	-1.9	50.0
99	n-Butylbenzene	3.55617	3.60214	0.010	1.3	50.0
100	1,2,4-Trichlorobenzene	1.07796	0.99586	0.010	-7.6	50.0
102	Hexachlorobutadiene	0.44190	0.40812	0.010	-7.6	50.0
101	Naphthalene	3.22264	3.01657	0.010	-6.4	50.0
103	1,2,3-Trichlorobenzene	0.99364	0.92173	0.010	-7.2	50.0
82	tert-Butyl Alcohol	0.04121	0.04102	0.010	-0.4	50.0
138	Methyl Acetate	0.34126	0.33468	0.010	-1.9	50.0
139	Methylcyclohexane	0.55356	0.53182	0.010	-3.9	50.0
83	Cyclohexane	0.79781	0.76476	0.010	-4.1	50.0
137	1,3,5-Trichlorobenzene	1.18063	1.15087	0.010	-2.5	50.0
67	1,1,1,2-Tetrachloroethane	0.35345	0.35803	0.010	1.3	50.0
72	1,2-Dibromo-3-chloropropane	0.17828	0.17916	0.010	0.5	50.0


Data File: \\epanoh04\dd\chem\VHSV\a3ux9.i\VH406220.b\UX94000.D
Date : 22-JUN-2004 20:23
Client ID:
Sample Info: 250NG-CC
Purge Volume: 5.0
Column phase: DB624 75m
Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53
Page 5
\\epanoh04\dd\chem\VHSV\a3ux9.i\VH406220.b\UX94000.D
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-1,1-Dichloroethene+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
-Cyclohexane
-1,2-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8+
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-Ethylbenzene+
m + p-Xylene
Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-Bromobenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-sec-Butylbenzene
-1,4-Dichlorobenzene-d4+
1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94000.D
Lab Smp Id: 250NG-CC
Inj Date : 22-JUN-2004 20:23 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 250NG-CC
Misc Info : N40622A,8260SUX9-3,1-8260.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	5.085	5.085	(1.000)	926473	250.000	
*	2 Chlorobenzene-d5	117	7.747	7.747	(1.000)	661423	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	343240	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.946)	399474	250.000	316.13
$	5 Toluene-d8	98	6.446	6.446	(0.832)	1224969	250.000	301.38
$	6 Bromofluorobenzene	95	8.860	8.860	(1.144)	427682	250.000	271.96
$	7 Dibromofluoromethane	113	4.529	4.529	(0.891)	264736	250.000	292.92
	8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	142197	250.000	195.32
	9 Chloromethane	50	1.618	1.618	(0.318)	431779	250.000	213.83
	10 Vinyl Chloride	62	1.724	1.724	(0.339)	410700	250.000	223.86
	11 Bromomethane	94	1.997	1.997	(0.393)	235919	250.000	226.21
	12 Chloroethane	64	2.091	2.091	(0.411)	291243	250.000	211.79
	13 Trichlorofluoromethane	101	2.292	2.292	(0.451)	362477	250.000	237.16
	14 Acrolein	56	2.612	2.612	(0.514)	690473	2500.00	2161.4(A)
	16 1,1-Dichloroethene	96	2.718	2.718	(0.535)	232045	250.000	237.83
	15 Acetone	43	2.730	2.730	(0.537)	504352	500.000	497.43
	54 Freon-113	151	2.742	2.742	(0.539)	169173	250.000	249.99

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	56 Iodomethane	142	2.872	2.872	(0.565)	322836	250.000	230.74
	18 Carbon Disulfide	76	2.920	2.920	(0.574)	838230	250.000	239.36
	55 Acetonitrile	41	2.955	2.955	(0.581)	537309	2500.00	2357.1(A)
	17 Methylene Chloride	84	3.097	3.097	(0.609)	287318	250.000	248.46
	19 Acrylonitrile	53	3.286	3.286	(0.646)	1547256	2500.00	2319.9(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.653)	894130	250.000	249.88
	84 Hexane	57	3.547	3.547	(0.698)	534287	250.000	244.63
	21 Vinyl acetate	43	3.689	3.689	(0.725)	845265	250.000	240.92
	22 1,1-Dichloroethane	63	3.665	3.665	(0.721)	571397	250.000	246.58
	23 2-Butanone	43	4.126	4.126	(0.812)	570485	500.000	483.41
	20 trans-1,2-Dichloroethene	96	3.334	3.334	(0.656)	260401	250.000	239.10
	24 cis-1,2-dichloroethene	96	4.138	4.138	(0.814)	273394	250.000	237.76
M	25 1,2-Dichloroethene (total)	96				533795	500.000	476.86
	86 2,2-Dichloropropane	77	4.138	4.138	(0.814)	193580	250.000	245.20
	111 Bromochloromethane	128	4.339	4.339	(0.853)	120051	250.000	243.94
	79 Tetrahydrofuran	42	4.375	4.375	(0.860)	139848	250.000	247.55
	26 Chloroform	83	4.399	4.399	(0.865)	398614	250.000	251.28
	27 1,1,1-Trichloroethane	97	4.564	4.564	(0.898)	317778	250.000	252.98
	87 1,1-Dichloropropene	75	4.694	4.694	(0.923)	327049	250.000	244.60
	28 Carbon Tetrachloride	117	4.706	4.706	(0.926)	258865	250.000	264.15
	29 1,2-Dichloroethane	62	4.872	4.872	(0.958)	427045	250.000	254.64
	30 Benzene	78	4.872	4.872	(0.958)	1098514	250.000	236.16
	31 Trichloroethene	130	5.404	5.404	(1.063)	248695	250.000	233.47
	32 1,2-Dichloropropane	63	5.582	5.582	(1.098)	348644	250.000	237.60
	63 1,4-Dioxane	88	5.688	5.688	(1.119)	151724	12500.0	11978(A)
	64 Dibromomethane	93	5.688	5.688	(1.119)	141856	250.000	253.20
	33 Bromodichloromethane	83	5.819	5.819	(1.144)	309221	250.000	254.10
	34 2-Chloroethyl vinyl ether	63	6.055	6.055	(1.191)	349868	500.000	493.60
	36 cis-1,3-Dichloropropene	75	6.197	6.197	(1.219)	421758	250.000	248.61
	35 4-Methyl-2-pentanone	43	6.316	6.316	(1.242)	954034	500.000	485.24
	37 Toluene	91	6.505	6.505	(0.840)	1186276	250.000	243.82
	38 trans-1,3-Dichloropropene	75	6.682	6.682	(0.863)	376008	250.000	269.73
	65 Ethyl Methacrylate	69	6.753	6.753	(0.872)	375155	250.000	265.15
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	221733	250.000	238.80
	88 1,3-Dichloropropane	76	7.002	7.002	(0.904)	411466	250.000	239.18
	41 Tetrachloroethene	164	7.002	7.002	(0.904)	179404	250.000	238.99
	39 2-Hexanone	43	7.061	7.061	(0.911)	849034	500.000	506.01
	42 Dibromochloromethane	129	7.215	7.215	(0.931)	215280	250.000	258.91
	66 1,2-Dibromoethane	107	7.333	7.333	(0.947)	217597	250.000	246.04
	43 Chlorobenzene	112	7.783	7.783	(1.005)	756682	250.000	241.57
	44 Ethylbenzene	106	7.877	7.877	(1.017)	427137	250.000	248.02
	45 m + p-Xylene	106	7.984	7.984	(1.031)	1057616	500.000	490.10
	46 Xylene-o	106	8.363	8.363	(1.079)	532157	250.000	248.91
M	47 Xylenes (total)	106				1589773	750.000	739.01
	48 Styrene	104	8.374	8.374	(1.081)	911861	250.000	252.43
	49 Bromoform	173	8.552	8.552	(1.104)	129757	250.000	258.14
	89 Isopropylbenzene	105	8.706	8.706	(1.124)	1272660	250.000	252.43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	345961	250.000	250.70
90	Bromobenzene	156	9.013	9.013	(0.903)	288283	250.000	238.79
68	1,2,3-Trichloropropane	75	9.037	9.037	(0.905)	419741	250.000	251.70
69	1,4-Dichloro-2-butene	53	9.037	9.037	(0.905)	163990	250.000	260.99
92	n-Propylbenzene	120	9.108	9.108	(0.912)	387859	250.000	245.03
91	2-Chlorotoluene	126	9.191	9.191	(0.921)	318699	250.000	243.10
94	1,3,5-Trimethylbenzene	105	9.274	9.274	(0.929)	1130084	250.000	249.58
93	4-Chlorotoluene	126	9.297	9.297	(0.931)	324518	250.000	235.68
95	tert-Butylbenzene	119	9.593	9.593	(0.961)	1032881	250.000	251.41
96	1,2,4-Trimethylbenzene	105	9.641	9.641	(0.966)	1144487	250.000	248.78
97	sec-Butylbenzene	105	9.806	9.806	(0.982)	1579023	250.000	247.79
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	602005	250.000	237.00
52	1,4-Dichlorobenzene	146	10.007	10.007	(1.002)	623806	250.000	239.30
53	1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	586697	250.000	237.19
98	4-Isopropyltoluene	119	9.948	9.948	(0.996)	1225523	250.000	245.14
99	n-Butylbenzene	91	10.351	10.351	(1.037)	1236400	250.000	253.23
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	341820	250.000	230.96
102	Hexachlorobutadiene	225	12.149	12.149	(1.217)	140084	250.000	230.89
101	Naphthalene	128	12.220	12.220	(1.224)	1035409	250.000	234.01
103	1,2,3-Trichlorobenzene	180	12.469	12.469	(1.249)	316375	250.000	231.91
82	tert-Butyl Alcohol	59	3.168	3.168	(0.623)	760165	5000.00	4977.8(A)
138	Methyl Acetate	43	3.002	3.002	(0.590)	620139	500.000	490.36
139	Methylcyclohexane	83	5.570	5.570	(1.095)	492718	250.000	240.18
83	Cyclohexane	56	4.623	4.623	(0.909)	708531	250.000	239.64
137	1,3,5-Trichlorobenzene	180	11.356	11.356	(1.137)	395025	250.000	243.70
67	1,1,1,2-Tetrachloroethane	131	7.854	7.854	(1.014)	236807	250.000	253.24
72	1,2-Dibromo-3-chloropropane	157	11.143	11.143	(1.116)	61495	250.000	251.23

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\QCANOH04\DD\chem\MSV\a3ux9.i\N40622A.b/UX94001.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94001.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 20:48
Lab Sample ID: 250NG-A9CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux9.i\N40622A.b

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
19	Fluorobenzene	250.0000	250.0000	0.0	50.0
25	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
53	3-Chloropropene	250.0000	252.2166	0.9	50.0
54	2-Chloro-1,3-butadiene	250.0000	236.9093	5.2	50.0
55	Propionitrile	500.0000	443.6987	11.3	50.0
56	Methacrylonitrile	250.0000	217.6627	12.9	50.0
57	Isobutanol	5000.0000	4510.1153	9.8	50.0
58	Methyl Methacrylate	250.0000	224.7364	10.1	50.0
73	n-Butanol	5000.0000	4989.3199	0.2	50.0
74	Ethyl Acetate	500.0000	453.2814	9.3	50.0
75	Cyclohexanone	2500.0000	1781.4572	28.7	50.0
76	Ethyl Ether	250.0000	230.2432	7.9	50.0
85	Dichlorofluoromethane	250.0000	258.1642	3.3	50.0
86	2-Nitropropane	500.0000	563.8799	12.8	50.0
100	Isopropyl Ether	1250.0000	1234.7741	1.2	50.0
147	2-Methylnapthalene	500.0000	456.1831	8.8	50.0

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i
Lab File ID: UX94001.D
Analysis Type: SOIL
Lab Sample ID: 250NG-A9CC
Injection Date: 22-JUN-2004 20:48
Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Init. Cal. Times: 19:20 12:58
Quant Type: ISTD
Method: \\QCANOH04\DD\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
57	3-Chloropropene	0.13766	0.13888	0.010	0.9	50.0
58	2-Chloro-1,3-butadiene	0.63843	0.60500	0.010	-5.2	50.0
59	Propionitrile	0.07037	0.06244	0.010	-11.3	50.0
60	Methacrylonitrile	0.31349	0.27294	0.010	-12.9	50.0
61	Isobutanol	5000	4510	0.010	9.8	50.0
62	Methyl Methacrylate	0.43690	0.39275	0.010	-10.1	50.0
74	n-Butanol	5000	4989	0.010	0.2	50.0
75	Ethyl Acetate	0.51145	0.46366	0.010	-9.3	50.0
76	Cyclohexanone	0.03805	0.02712	0.010	-28.7	50.0
77	Ethyl Ether	0.32937	0.30334	0.010	-7.9	50.0
80	Dichlorofluoromethane	0.58066	0.59962	0.010	3.3	50.0
81	2-Nitropropane	500	564	0.010	-12.8	50.0
85	Isopropyl Ether	0.25445	0.25135	0.010	-1.2	50.0
147	2-Methylnapthalene	1.67069	1.52428	0.010	-8.8	50.0

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94001.D

Date : 22-JUN-2004 20:48

Client ID:

Sample Info: 250NG-A9CC

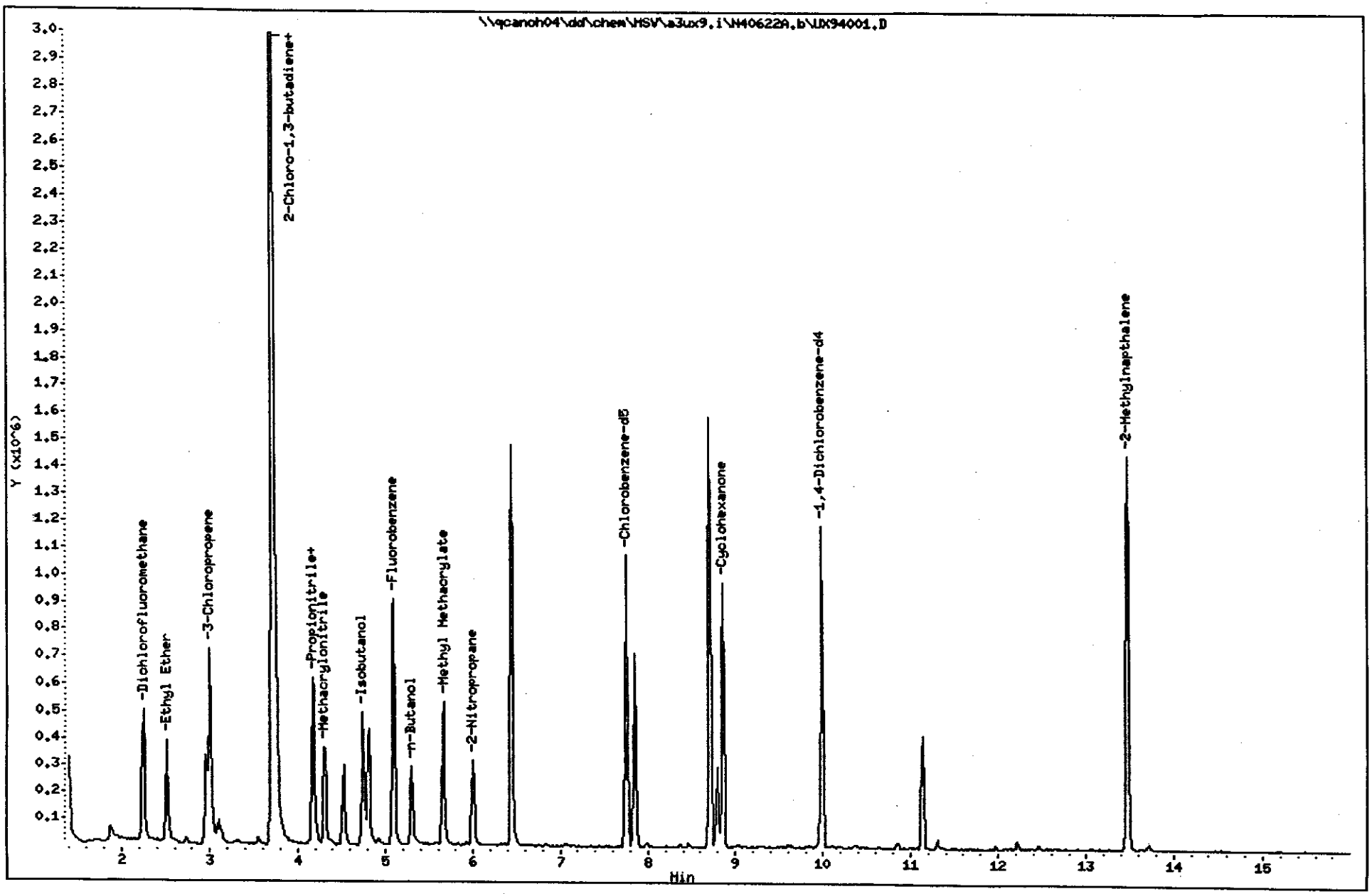
Purge Volume: 5.0

Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94001.D
Lab Smp Id: 250NG-A9CC
Inj Date : 22-JUN-2004 20:48
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 250NG-A9CC
Misc Info : N40622A,8260SUX9-3,3-IX.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:05 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1	Fluorobenzene	96	5.096	5.096	(1.000)	880585	250.000	
* 2	Chlorobenzene-d5	117	7.759	7.759	(1.000)	628124	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.983	9.983	(1.000)	310122	250.000	
57	3-Chloropropene	76	3.002	3.002	(0.589)	122298	250.000	252.21
58	2-Chloro-1,3-butadiene	53	3.747	3.747	(0.735)	532757	250.000	236.91
59	Propionitrile	54	4.185	4.185	(0.821)	109973	500.000	443.70
60	Methacrylonitrile	41	4.315	4.315	(0.847)	240347	250.000	217.66
61	Isobutanol	41	4.741	4.741	(0.930)	261440	5000.00	4510.1(A)
62	Methyl Methacrylate	41	5.664	5.664	(1.111)	345851	250.000	224.74
74	n-Butanol	56	5.297	5.297	(1.039)	194777	5000.00	4989.3(A)
75	Ethyl Acetate	43	4.173	4.173	(0.819)	816586	500.000	453.28
76	Cyclohexanone	55	8.788	8.788	(1.133)	170322	2500.00	1781.4(A)
77	Ethyl Ether	59	2.505	2.505	(0.492)	267120	250.000	230.24
80	Dichlorofluoromethane	67	2.245	2.245	(0.440)	528016	250.000	258.16
81	2-Nitropropane	41	5.996	5.996	(1.176)	217785	500.000	563.88
85	Isopropyl Ether	87	3.712	3.712	(0.728)	1106678	1250.00	1234.8(A)
147	2-Methylnapthalene	142	13.474	13.474	(1.350)	945427	500.000	456.18

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 25-Jun-2004 21:11

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Start Cal Date: 11-FEB-2004 19:20
End Cal Date : 21-JUN-2004 12:58
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
12-FEB-2004 00:13	3-IX	UX91491.D
21-JUN-2004 12:58	1-8260	UX9332.D
Cal Level: 2 , Cal Amount: 50.000		
11-FEB-2004 23:48	3-IX	UX91490.D
21-JUN-2004 12:34	1-8260	UX9331.D
Cal Level: 3 , Cal Amount: 100.00		
11-FEB-2004 23:24	3-IX	UX91489.D
21-JUN-2004 12:10	1-8260	UX9330.D
Cal Level: 4 , Cal Amount: 250.00		
11-FEB-2004 23:00	3-IX	UX91488.D
21-JUN-2004 11:45	1-8260	UX9329.D
Cal Level: 5 , Cal Amount: 500.00		
11-FEB-2004 22:35	3-IX	UX91487.D
21-JUN-2004 11:21	1-8260	UX9328.D
Cal Level: 6 , Cal Amount: 1000.0		
11-FEB-2004 22:11	3-IX	UX91486.D
21-JUN-2004 10:56	1-8260	UX9327.D

Continuing Calibration

24-JUN-2004 20:19	1-8260	UX94041.D
24-JUN-2004 20:44	3-IX	UX94042.D

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m

Injection Date: 24-JUN-2004 20:19
Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Init. Cal. Times: 19:20 12:58
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 1,2-Dichloroethane-d4	0.34098	0.33560	0.010	-1.6	50.0
$	5 Toluene-d8	250	243	0.010	2.9	50.0
$	6 Bromofluorobenzene	250	227	0.010	9.4	50.0
$	7 Dibromofluoromethane	0.24387	0.22581	0.010	-7.4	50.0
	8 Dichlorodifluoromethane	0.19645	0.25087	0.010	27.7	50.0
	9 Chloromethane	0.54488	0.56515	0.100	3.7	50.0
	10 Vinyl Chloride	0.49506	0.49768	0.010	0.5	20.0
	11 Bromomethane	0.28142	0.26521	0.010	-5.8	50.0
	12 Chloroethane	0.37106	0.33194	0.010	-10.5	50.0
	13 Trichlorofluoromethane	0.41243	0.41422	0.010	0.4	50.0
	14 Acrolein	0.08620	0.06896	0.010	-20.0	50.0
	16 1,1-Dichloroethene	0.26328	0.25521	0.050	-3.1	20.0
	15 Acetone	0.27360	0.24265	0.010	-11.3	50.0
	54 Freon-113	0.18261	0.18426	0.010	0.9	50.0
	56 Iodomethane	0.37755	0.35807	0.010	-5.2	50.0
	18 Carbon Disulfide	0.94497	0.94417	0.010	-0.1	50.0
	55 Acetonitrile	0.06151	0.05460	0.010	-11.2	50.0
	17 Methylene Chloride	250	250	0.010	-0.1	50.0
	19 Acrylonitrile	0.17997	0.16326	0.010	-9.3	50.0
	78 Methyl tert-butyl ether	0.96554	0.80727	0.010	-16.4	50.0
	84 Hexane	0.58936	0.57224	0.010	-2.9	20.0
	21 Vinyl acetate	0.94672	0.85757	0.010	-9.4	50.0
	22 1,1-Dichloroethane	0.62529	0.60546	0.100	-3.2	50.0
	23 2-Butanone	0.31845	0.28927	0.010	-9.2	50.0
	20 trans-1,2-Dichloroethene	0.29388	0.27668	0.010	-5.9	50.0
	24 cis-1,2-dichloroethene	0.31028	0.29916	0.010	-3.6	50.0
M	25 1,2-Dichloroethene (total)	0.30208	0.28792	0.010	-4.7	50.0
	86 2,2-Dichloropropane	0.21303	0.21451	0.010	0.7	50.0
	111 Bromochloromethane	0.13280	0.12849	0.010	-3.2	50.0
	79 Tetrahydrofuran	250	250	0.010	0.0	50.0
	26 Chloroform	0.42806	0.42545	0.010	-0.6	20.0
	27 1,1,1-Trichloroethane	0.33895	0.35055	0.010	3.4	50.0
	87 1,1-Dichloropropene	0.36079	0.35683	0.010	-1.1	50.0
	28 Carbon Tetrachloride	0.26444	0.27330	0.010	3.4	50.0
	29 1,2-Dichloroethane	0.45254	0.46045	0.010	1.7	50.0

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m

Injection Date: 24-JUN-2004 20:19
Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Init. Cal. Times: 19:20 12:58
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	30 Benzene	1.25515	1.16740	0.010	-7.0	50.0	
	31 Trichloroethene	0.28744	0.26138	0.010	-9.1	50.0	
	32 1,2-Dichloropropane	0.39595	0.37652	0.010	-4.9	20.0	
	63 1,4-Dioxane	0.00342	0.00296	0.010	-13.3	50.0	<-
	64 Dibromomethane	0.15118	0.15111	0.010	-0.0	50.0	
	33 Bromodichloromethane	0.32838	0.33130	0.010	0.9	50.0	
	34 2-Chloroethyl vinyl ether	0.19127	0.18807	0.010	-1.7	50.0	
	36 cis-1,3-Dichloropropene	0.45778	0.44636	0.010	-2.5	50.0	
	35 4-Methyl-2-pentanone	0.53054	0.49549	0.010	-6.6	50.0	
	37 Toluene	1.83899	1.83383	0.010	-0.3	20.0	
	38 trans-1,3-Dichloropropene	0.52689	0.55237	0.010	4.8	50.0	
	65 Ethyl Methacrylate	0.53479	0.56620	0.010	5.9	50.0	
	40 1,1,2-Trichloroethane	0.35095	0.35510	0.010	1.2	50.0	
	88 1,3-Dichloropropane	0.65023	0.64834	0.010	-0.3	50.0	
	41 Tetrachloroethene	0.28374	0.28557	0.010	0.6	50.0	
	39 2-Hexanone	0.63420	0.62347	0.010	-1.7	50.0	
	42 Dibromochloromethane	0.31428	0.32952	0.010	4.8	50.0	
	66 1,2-Dibromoethane	0.33428	0.33122	0.010	-0.9	50.0	
	43 Chlorobenzene	1.18394	1.16403	0.300	-1.7	50.0	
	44 Ethylbenzene	0.65093	0.66334	0.010	1.9	20.0	
	45 m + p-Xylene	0.81565	0.81408	0.010	-0.2	50.0	
	46 Xylene-o	0.80810	0.79944	0.010	-1.1	50.0	
M	47 Xylenes (total)	0.81313	0.80920	0.010	-0.5	50.0	
	48 Styrene	1.36534	1.39298	0.010	2.0	50.0	
	49 Bromoform	0.18999	0.19438	0.100	2.3	50.0	
	89 Isopropylbenzene	1.90559	1.96659	0.010	3.2	50.0	
	50 1,1,2,2-Tetrachloroethane	1.00512	1.03417	0.300	2.9	50.0	
	90 Bromobenzene	0.87930	0.85327	0.010	-3.0	50.0	
	68 1,2,3-Trichloropropane	1.21464	1.25947	0.010	3.7	50.0	
	69 1,4-Dichloro-2-butene	0.45765	0.47587	0.010	4.0	50.0	
	92 n-Propylbenzene	1.15291	1.14191	0.010	-1.0	50.0	
	91 2-Chlorotoluene	0.95486	0.93320	0.010	-2.3	50.0	
	94 1,3,5-Trimethylbenzene	3.29796	3.39337	0.010	2.9	50.0	
	93 4-Chlorotoluene	1.00291	0.99533	0.010	-0.8	50.0	
	95 tert-Butylbenzene	2.99232	3.02504	0.010	1.1	50.0	
	96 1,2,4-Trimethylbenzene	3.35068	3.48082	0.010	3.9	50.0	

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m

Injection Date: 24-JUN-2004 20:19
Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Init. Cal. Times: 19:20 12:58
Quant Type: ISTD

			MIN		MAX
COMPOUND	RRF	RF250	RRF	%D	%D
97 sec-Butylbenzene	4.64130	4.68801	0.010	1.0	50.0
51 1,3-Dichlorobenzene	1.85006	1.79824	0.010	-2.8	50.0
52 1,4-Dichlorobenzene	1.89864	1.84865	0.010	-2.6	50.0
53 1,2-Dichlorobenzene	1.80162	1.74910	0.010	-2.9	50.0
98 4-Isopropyltoluene	3.64118	3.75055	0.010	3.0	50.0
99 n-Butylbenzene	3.55617	3.71296	0.010	4.4	50.0
100 1,2,4-Trichlorobenzene	1.07796	1.04690	0.010	-2.9	50.0
102 Hexachlorobutadiene	0.44190	0.43383	0.010	-1.8	50.0
101 Naphthalene	3.22264	3.18538	0.010	-1.2	50.0
103 1,2,3-Trichlorobenzene	0.99364	0.98096	0.010	-1.3	50.0
82 tert-Butyl Alcohol	0.04121	0.03543	0.010	-14.0	50.0
138 Methyl Acetate	0.34126	0.32953	0.010	-3.4	50.0
139 Methylcyclohexane	0.55356	0.53058	0.010	-4.2	50.0
83 Cyclohexane	0.79781	0.77861	0.010	-2.4	50.0
137 1,3,5-Trichlorobenzene	1.18063	1.18676	0.010	0.5	50.0
67 1,1,1,2-Tetrachloroethane	0.35345	0.36419	0.010	3.0	50.0
72 1,2-Dibromo-3-chloropropane	0.17828	0.17424	0.010	-2.3	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b/UX94041.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 20:19
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0 Benzene	250.0000	232.5223	7.0	50.0
0 Xylene-o	250.0000	247.3223	1.1	50.0
0 m + p-Xylene	500.0000	499.0369	0.2	50.0
0 Chlorobenzene	250.0000	245.7966	1.7	50.0
0 Toluene	250.0000	249.2989	0.3	20.0
0 1,1-Dichloroethene	250.0000	242.3400	3.1	20.0
0 Trichloroethene	250.0000	227.3322	9.1	50.0
1 Chloromethane	250.0000	259.3007	3.7	50.0
2 Bromomethane	250.0000	235.5977	5.8	50.0
3 Vinyl Chloride	250.0000	251.3242	0.5	20.0
4 Chloroethane	250.0000	223.6432	10.5	50.0
5 Methylene Chloride	250.0000	250.2300	0.1	50.0
6 Acetone	500.0000	443.4501	11.3	50.0
7 Carbon Disulfide	250.0000	249.7878	0.1	50.0
9 1,1-Dichloroethane	250.0000	242.0719	3.2	50.0
10 trans-1,2-Dichloroethene	250.0000	235.3670	5.9	50.0
11 cis-1,2-dichloroethene	250.0000	241.0394	3.6	50.0
12 1,2-Dichloroethene (total)	500.0000	476.4064	4.7	50.0
13 Chloroform	250.0000	248.4778	0.6	20.0
14 1,2-Dichloroethane	250.0000	254.3704	1.7	50.0
15 2-Butanone	500.0000	454.1888	9.2	50.0
16 1,1,1-Trichloroethane	250.0000	258.5539	3.4	50.0
17 Carbon Tetrachloride	250.0000	258.3764	3.4	50.0
18 Bromodichloromethane	250.0000	252.2230	0.9	50.0
19 1,2-Dichloropropane	250.0000	237.7327	4.9	20.0
19 Fluorobenzene	250.0000	250.0000	0.0	50.0
20 cis-1,3-Dichloropropene	250.0000	243.7656	2.5	50.0
22 Dibromochloromethane	250.0000	262.1194	4.8	50.0
23 1,1,2-Trichloroethane	250.0000	252.9513	1.2	50.0
25 trans-1,3-Dichloropropene	250.0000	262.0868	4.8	50.0
25 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
26 Bromoform	250.0000	255.7709	2.3	50.0
27 4-Methyl-2-pentanone	500.0000	466.9694	6.6	50.0
28 2-Hexanone	500.0000	491.5413	1.7	50.0
29 Tetrachloroethene	250.0000	251.6137	0.6	50.0
30 1,1,2,2-Tetrachloroethane	250.0000	257.2256	2.9	50.0
33 Ethylbenzene	250.0000	254.7671	1.9	20.0
34 Styrene	250.0000	255.0615	2.0	50.0
35 Xylenes (total)	750.0000	746.3592	0.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b/UX94041.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 20:19
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N4

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
38 Dichlorodifluoromethane	250.0000	319.2592	27.7	50.0
39 Trichlorofluoromethane	250.0000	251.0859	0.4	50.0
39 Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
40 Acrolein	2500.0000	2000.0923	20.0	50.0
41 Acrylonitrile	2500.0000	2267.8358	9.3	50.0
42 Vinyl acetate	250.0000	226.4573	9.4	50.0
43 2-Chloroethyl vinyl ether	500.0000	491.6509	1.7	50.0
47 Freon-113	250.0000	252.2597	0.9	50.0
48 1,3-Dichlorobenzene	250.0000	242.9972	2.8	50.0
49 1,4-Dichlorobenzene	250.0000	243.4167	2.6	50.0
50 1,2-Dichlorobenzene	250.0000	242.7120	2.9	50.0
51 Acetonitrile	2500.0000	2219.0229	11.2	50.0
52 Iodomethane	250.0000	237.1030	5.2	50.0
59 1,4-Dioxane	12500.0000	10842.4310	13.3	50.0
60 Dibromomethane	250.0000	249.8805	0.0	50.0
62 Ethyl Methacrylate	250.0000	264.6843	5.9	50.0
63 1,2-Dibromoethane	250.0000	247.7102	0.9	50.0
64 1,1,1,2-Tetrachloroethane	250.0000	257.5979	3.0	50.0
65 1,2,3-Trichloropropane	250.0000	259.2259	3.7	50.0
66 1,4-Dichloro-2-butene	250.0000	259.9521	4.0	50.0
69 1,2-Dibromo-3-chloropropane	250.0000	244.3301	2.3	50.0
82 Methyl tert-butyl ether	250.0000	209.0214	16.4	50.0
84 Tetrahydrofuran	250.0000	249.9444	0.0	50.0
97 tert-Butyl Alcohol	5000.0000	4298.5263	14.0	50.0
98 Cyclohexane	250.0000	243.9829	2.4	50.0
99 Hexane	250.0000	242.7380	2.9	20.0
102 2,2-Dichloropropane	250.0000	251.7308	0.7	50.0
103 1,1-Dichloropropene	250.0000	247.2523	1.1	50.0
104 1,3-Dichloropropane	250.0000	249.2765	0.3	50.0
105 Isopropylbenzene	250.0000	258.0022	3.2	50.0
106 Bromobenzene	250.0000	242.5984	3.0	50.0
107 2-Chlorotoluene	250.0000	244.3299	2.3	50.0
108 n-Propylbenzene	250.0000	247.6131	1.0	50.0
109 4-Chlorotoluene	250.0000	248.1098	0.8	50.0
110 1,3,5-Trimethylbenzene	250.0000	257.2325	2.9	50.0
111 tert-Butylbenzene	250.0000	252.7338	1.1	50.0
112 1,2,4-Trimethylbenzene	250.0000	259.7100	3.9	50.0
113 sec-Butylbenzene	250.0000	252.5162	1.0	50.0
114 4-Isopropyltoluene	250.0000	257.5092	3.0	50.0

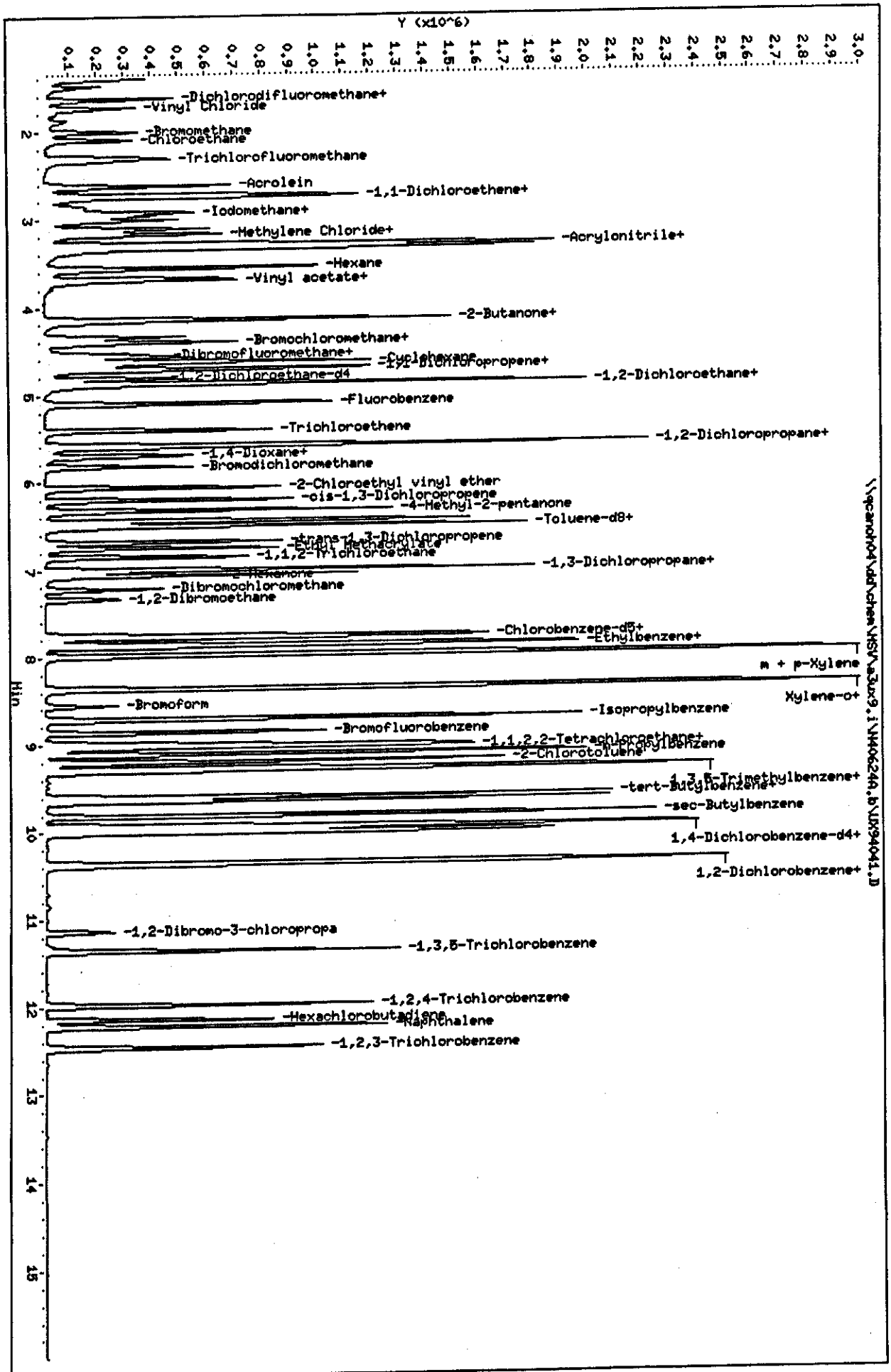
Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b/UX94041.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux9.i
Lab File ID: UX94041.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 20:19
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N4

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
115 n-Butylbenzene	250.0000	261.0225	4.4	50.0
116 1,2,4-Trichlorobenzene	250.0000	242.7970	2.9	50.0
117 Naphthalene	250.0000	247.1090	1.2	50.0
118 Hexachlorobutadiene	250.0000	245.4378	1.8	50.0
119 1,2,3-Trichlorobenzene	250.0000	246.8095	1.3	50.0
132 Bromochloromethane	250.0000	241.8974	3.2	50.0
137 1,3,5-Trichlorobenzene	250.0000	251.2991	0.5	50.0
138 Methyl Acetate	500.0000	482.8187	3.4	50.0
139 Methylcyclohexane	250.0000	239.6209	4.2	50.0
22 Toluene-d8	250.0000	242.6696	2.9	50.0
32 Bromofluorobenzene	250.0000	226.5251	9.4	50.0
47 1,2-Dichloroethane-d4	250.0000	246.0521	1.6	50.0
125 Dibromofluoromethane	250.0000	231.4834	7.4	50.0


Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\W40624A.b\UX94041.D
Date : 24-JUN-2004 20:19
Client ID:
Sample Info: 250NG-CC
Purge Volume: 5.0
Column phase: DB624 75m
Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53
Page 5
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-1,1-Dichloroethene+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane+
-Dibromofluoromethane+
-Cyclohexane
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8+
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-Ethylbenzene+
m + p-Xylene
Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-Chlorotoluene
-2-Chlorotoluene
-tert-Butylbenzene
-sec-Butylbenzene
1,4-Dichlorobenzene-d4+
1,2-Dichlorobenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94041.D
Lab Smp Id: 250NG-CC
Inj Date : 24-JUN-2004 20:19
Operator : 1819 Inst ID: a3ux9.i
Smp Info : 250NG-CC
Misc Info : N40624A,8260SUX9-3,1-8260.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.097	5.097	(1.000)	1005029	250.000	
* 2 Chlorobenzene-d5	117	7.748	7.748	(1.000)	692323	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	359172	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	337285	250.000	246.05
$ 5 Toluene-d8	98	6.446	6.446	(0.832)	1044448	250.000	242.67
$ 6 Bromofluorobenzene	95	8.860	8.860	(1.144)	379084	250.000	226.52
$ 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	226947	250.000	231.48
8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	252133	250.000	319.26
9 Chloromethane	50	1.618	1.618	(0.318)	567997	250.000	259.30
10 Vinyl Chloride	62	1.725	1.725	(0.338)	500187	250.000	251.32
11 Bromomethane	94	1.997	1.997	(0.392)	266541	250.000	235.60
12 Chloroethane	64	2.091	2.091	(0.410)	333612	250.000	223.64
13 Trichlorofluoromethane	101	2.293	2.293	(0.450)	416301	250.000	251.08
14 Acrolein	56	2.612	2.612	(0.513)	693114	2500.00	2000.1(A)
16 1,1-Dichloroethene	96	2.719	2.719	(0.533)	256496	250.000	242.34
15 Acetone	43	2.730	2.730	(0.536)	487748	500.000	443.45
54 Freon-113	151	2.742	2.742	(0.538)	185185	250.000	252.26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
56	Iodomethane	142	2.861	2.861	(0.561)	359874	250.000	237.10
18	Carbon Disulfide	76	2.920	2.920	(0.573)	948920	250.000	249.79
55	Acetonitrile	41	2.955	2.955	(0.580)	548729	2500.00	2219.0(A)
17	Methylene Chloride	84	3.097	3.097	(0.608)	313748	250.000	250.23
19	Acrylonitrile	53	3.287	3.287	(0.645)	1640768	2500.00	2267.8(A)
78	Methyl tert-butyl ether	73	3.322	3.322	(0.652)	811330	250.000	209.02
84	Hexane	57	3.547	3.547	(0.696)	575114	250.000	242.74
21	Vinyl acetate	43	3.689	3.689	(0.724)	861879	250.000	226.46
22	1,1-Dichloroethane	63	3.665	3.665	(0.719)	608509	250.000	242.07
23	2-Butanone	43	4.139	4.139	(0.812)	581448	500.000	454.19
20	trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	278071	250.000	235.37
24	cis-1,2-dichloroethene	96	4.139	4.139	(0.812)	300664	250.000	241.04
M 25	1,2-Dichloroethene (total)	96				578735	500.000	476.41
86	2,2-Dichloropropane	77	4.150	4.150	(0.814)	215588	250.000	251.73
111	Bromochloromethane	128	4.340	4.340	(0.851)	129141	250.000	241.90
79	Tetrahydrofuran	42	4.375	4.375	(0.858)	153139	250.000	249.94
26	Chloroform	83	4.399	4.399	(0.863)	427592	250.000	248.48
27	1,1,1-Trichloroethane	97	4.565	4.565	(0.896)	352311	250.000	258.55
87	1,1-Dichloropropene	75	4.695	4.695	(0.921)	358621	250.000	247.25
28	Carbon Tetrachloride	117	4.706	4.706	(0.923)	274674	250.000	258.38
29	1,2-Dichloroethane	62	4.872	4.872	(0.956)	462770	250.000	254.37
30	Benzene	78	4.872	4.872	(0.956)	1173272	250.000	232.52
31	Trichloroethene	130	5.405	5.405	(1.060)	262692	250.000	227.33
32	1,2-Dichloropropane	63	5.594	5.594	(1.097)	378413	250.000	237.73
63	1,4-Dioxane	88	5.689	5.689	(1.116)	148984	12500.0	10842(A)
64	Dibromomethane	93	5.689	5.689	(1.116)	151868	250.000	249.88
33	Bromodichloromethane	83	5.819	5.819	(1.142)	332963	250.000	252.22
34	2-Chloroethyl vinyl ether	63	6.055	6.055	(1.188)	378035	500.000	491.65
36	cis-1,3-Dichloropropene	75	6.197	6.197	(1.216)	448607	250.000	243.76
35	4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	995969	500.000	466.97
37	Toluene	91	6.505	6.505	(0.840)	1269604	250.000	249.30
38	trans-1,3-Dichloropropene	75	6.683	6.683	(0.863)	382417	250.000	262.09
65	Ethyl Methacrylate	69	6.754	6.754	(0.872)	391996	250.000	264.68
40	1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	245842	250.000	252.95
88	1,3-Dichloropropane	76	7.002	7.002	(0.904)	448864	250.000	249.28
41	Tetrachloroethene	164	7.002	7.002	(0.904)	197706	250.000	251.61
39	2-Hexanone	43	7.061	7.061	(0.911)	863288	500.000	491.54
42	Dibromochloromethane	129	7.215	7.215	(0.931)	228132	250.000	262.12
66	1,2-Dibromoethane	107	7.333	7.333	(0.947)	229312	250.000	247.71
43	Chlorobenzene	112	7.783	7.783	(1.005)	805888	250.000	245.80
44	Ethylbenzene	106	7.878	7.878	(1.017)	459248	250.000	254.77
45	m + p-Xylene	106	7.984	7.984	(1.031)	1127210	500.000	499.04
46	Xylene-o	106	8.363	8.363	(1.079)	553471	250.000	247.32
M 47	Xylenes (total)	106				1680681	750.000	746.36
48	Styrene	104	8.375	8.375	(1.081)	964394	250.000	255.06
49	Bromoform	173	8.552	8.552	(1.104)	134572	250.000	255.77
89	Isopropylbenzene	105	8.706	8.706	(1.124)	1361516	250.000	258.00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
50	1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	371446	250.000	257.22
90	Bromobenzene	156	9.014	9.014	(0.903)	306471	250.000	242.60
68	1,2,3-Trichloropropane	75	9.037	9.037	(0.905)	452365	250.000	259.22
69	1,4-Dichloro-2-butene	53	9.037	9.037	(0.905)	170920	250.000	259.95
92	n-Propylbenzene	120	9.108	9.108	(0.912)	410141	250.000	247.61
91	2-Chlorotoluene	126	9.191	9.191	(0.921)	335180	250.000	244.33
94	1,3,5-Trimethylbenzene	105	9.274	9.274	(0.929)	1218805	250.000	257.23
93	4-Chlorotoluene	126	9.298	9.298	(0.931)	357495	250.000	248.11
95	tert-Butylbenzene	119	9.593	9.593	(0.961)	1086509	250.000	252.73
96	1,2,4-Trimethylbenzene	105	9.641	9.641	(0.966)	1250214	250.000	259.71
97	sec-Butylbenzene	105	9.806	9.806	(0.982)	1683803	250.000	252.52
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	645876	250.000	243.00
52	1,4-Dichlorobenzene	146	10.008	10.008	(1.002)	663982	250.000	243.42
53	1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	628226	250.000	242.71
98	4-Isopropyltoluene	119	9.948	9.948	(0.996)	1347093	250.000	257.51
99	n-Butylbenzene	91	10.351	10.351	(1.037)	1333590	250.000	261.02
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	376018	250.000	242.80
102	Hexachlorobutadiene	225	12.149	12.149	(1.217)	155820	250.000	245.44
101	Naphthalene	128	12.220	12.220	(1.224)	1144098	250.000	247.11
103	1,2,3-Trichlorobenzene	180	12.457	12.457	(1.248)	352334	250.000	246.81
82	tert-Butyl Alcohol	59	3.168	3.168	(0.622)	712096	5000.00	4298.5(A)
138	Methyl Acetate	43	3.003	3.003	(0.589)	662378	500.000	482.82
139	Methylcyclohexane	83	5.582	5.582	(1.095)	533248	250.000	239.62
83	Cyclohexane	56	4.624	4.624	(0.907)	782527	250.000	243.98
137	1,3,5-Trichlorobenzene	180	11.357	11.357	(1.137)	426251	250.000	251.30
67	1,1,1,2-Tetrachloroethane	131	7.854	7.854	(1.014)	252136	250.000	257.60
72	1,2-Dibromo-3-chloropropane	157	11.144	11.144	(1.116)	62582	250.000	244.33

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux9.i Injection Date: 24-JUN-2004 20:44
Lab File ID: UX94042.D Init. Cal. Date(s): 11-FEB-2004 21-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 19:20 12:58
Lab Sample ID: 250NG-A9CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
57	3-Chloropropene	0.13766	0.13071	0.010	-5.1	50.0
58	2-Chloro-1,3-butadiene	0.63843	0.59945	0.010	-6.1	50.0
59	Propionitrile	0.07037	0.05803	0.010	-17.5	50.0
60	Methacrylonitrile	0.31349	0.26388	0.010	-15.8	50.0
61	Isobutanol	5000	3898	0.010	22.0	50.0
62	Methyl Methacrylate	0.43690	0.36580	0.010	-16.3	50.0
74	n-Butanol	5000	4094	0.010	18.1	50.0
75	Ethyl Acetate	0.51145	0.43947	0.010	-14.1	50.0
76	Cyclohexanone	0.03805	0.02534	0.010	-33.4	50.0
77	Ethyl Ether	0.32937	0.29324	0.010	-11.0	50.0
80	Dichlorofluoromethane	0.58066	0.55908	0.010	-3.7	50.0
81	2-Nitropropane	500	465	0.010	7.0	50.0
85	Isopropyl Ether	0.25445	0.25083	0.010	-1.4	50.0
147	2-Methylnapthalene	1.67069	1.49801	0.010	-10.3	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b/UX94042.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

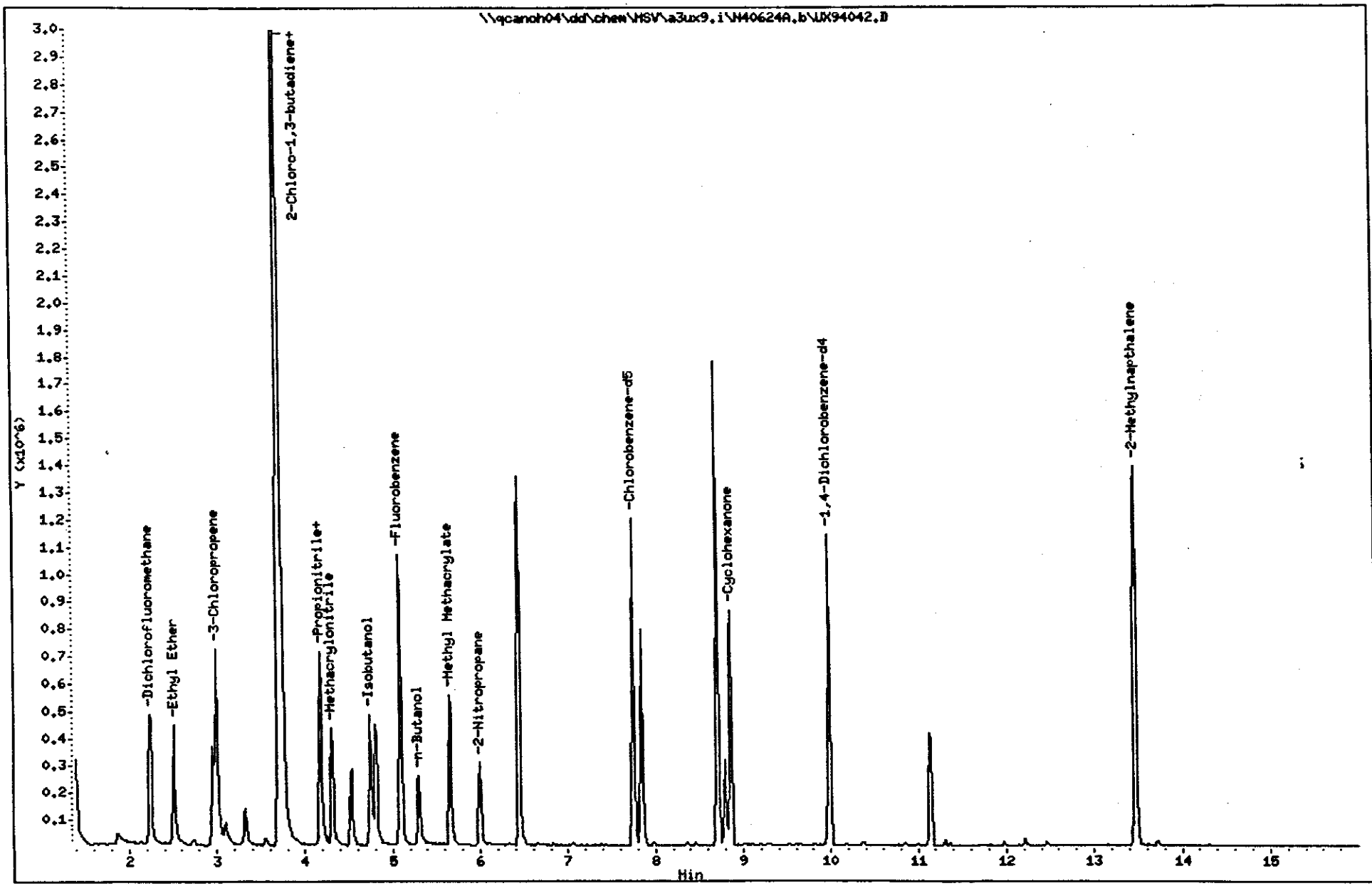
Instrument ID: a3ux9.i
Lab File ID: UX94042.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 20:44
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
19	Fluorobenzene	250.0000	250.0000	0.0	50.0
25	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
53	3-Chloropropene	250.0000	237.3695	5.1	50.0
54	2-Chloro-1,3-butadiene	250.0000	234.7366	6.1	50.0
55	Propionitrile	500.0000	412.3053	17.5	50.0
56	Methacrylonitrile	250.0000	210.4345	15.8	50.0
57	Isobutanol	5000.0000	3897.7411	22.0	50.0
58	Methyl Methacrylate	250.0000	209.3139	16.3	50.0
73	n-Butanol	5000.0000	4094.1102	18.1	50.0
74	Ethyl Acetate	500.0000	429.6349	14.1	50.0
75	Cyclohexanone	2500.0000	1664.8721	33.4	50.0
76	Ethyl Ether	250.0000	222.5714	11.0	50.0
85	Dichlorofluoromethane	250.0000	240.7086	3.7	50.0
86	2-Nitropropane	500.0000	465.0917	7.0	50.0
100	Isopropyl Ether	1250.0000	1232.2036	1.4	50.0
147	2-Methylnapthalene	500.0000	448.3211	10.3	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94042.D
Date : 24-JUN-2004 20:44
Client ID:
Sample Info: 250NG-A9CC
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94042.D
Lab Smp Id: 250NG-A9CC
Inj Date : 24-JUN-2004 20:44 Inst ID: a3ux9.i
Operator : 1819
Smp Info : 250NG-A9CC
Misc Info : N40624A,8260SUX9-3,3-IX.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1	Fluorobenzene	96	5.087	5.087	(1.000)	979288	250.000	
* 2	Chlorobenzene-d5	117	7.750	7.750	(1.000)	650992	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.986	9.986	(1.000)	312022	250.000	
57	3-Chloropropene	76	3.005	3.005	(0.591)	128000	250.000	237.37
58	2-Chloro-1,3-butadiene	53	3.750	3.750	(0.737)	587039	250.000	234.74
59	Propionitrile	54	4.176	4.176	(0.821)	113646	500.000	412.30
60	Methacrylonitrile	41	4.307	4.307	(0.847)	258411	250.000	210.43
61	Isobutanol	41	4.744	4.744	(0.933)	248482	5000.00	3897.7(A)
62	Methyl Methacrylate	41	5.655	5.655	(1.112)	358223	250.000	209.31
74	n-Butanol	56	5.300	5.300	(1.042)	174938	5000.00	4094.1(A)
75	Ethyl Acetate	43	4.176	4.176	(0.821)	860741	500.000	429.63
76	Cyclohexanone	55	8.791	8.791	(1.134)	164971	2500.00	1664.9(A)
77	Ethyl Ether	59	2.508	2.508	(0.493)	287163	250.000	222.57
80	Dichlorofluoromethane	67	2.236	2.236	(0.440)	547498	250.000	240.71
81	2-Nitropropane	41	5.999	5.999	(1.179)	197380	500.000	465.09
85	Isopropyl Ether	87	3.715	3.715	(0.730)	1228162	1250.00	1232.2(A)
147	2-Methylnapthalene	142	13.477	13.477	(1.350)	934825	500.000	448.32

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 02-Jun-2004 07:45

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Start Cal Date: 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.000		
20-MAY-2004 15:24	3-IX	UXJ20857.D
01-JUN-2004 12:21	2-8260	UXJ21172.D
Cal Level: 2 , Cal Amount: 10.000		
20-MAY-2004 15:01	3-IX	UXJ20856.D
01-JUN-2004 11:57	2-8260	UXJ21171.D
Cal Level: 3 , Cal Amount: 25.000		
20-MAY-2004 14:38	3-IX	UXJ20855.D
01-JUN-2004 11:34	2-8260	UXJ21170.D
Cal Level: 4 , Cal Amount: 50.000		
20-MAY-2004 14:15	3-IX	UXJ20854.D
01-JUN-2004 11:10	2-8260	UXJ21169.D
Cal Level: 5 , Cal Amount: 100.00		
20-MAY-2004 13:52	3-IX	UXJ20853.D
01-JUN-2004 10:47	2-8260	UXJ21168.D
Cal Level: 6 , Cal Amount: 200.00		
20-MAY-2004 13:28	3-IX	UXJ20852.D
01-JUN-2004 10:23	2-8260	UXJ21167.D

Continuing Calibration

01-JUN-2004 11:10	2-8260	UXJ21169.D
~~01-JUN-2004 09:35~~	~~2-8260~~	~~UXJ21167.D~~
~~01-JUN-2004 08:56~~	~~3-IX~~	UXJ21168.D
~~01-JUN-2004 08:33~~	~~2-8260~~	~~UXJ21167.D~~

6/2/04

Report Date : 01-Jun-2004 12:46

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20857.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20856.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20855.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20854.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20853.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20852.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	8 Dichlorodifluoromethane	0.14673	0.15427	0.17175	0.15067	0.13071	0.12420	0.14639	11.680	
	9 Chloromethane	0.22218	0.23242	0.23781	0.19053	0.15410	0.15078	0.19797	19.651	
	10 Vinyl Chloride	0.22019	0.24260	0.24574	0.20920	0.16884	0.15828	0.20748	17.743	
	11 Bromomethane	0.12315	0.13911	0.14211	0.11442	0.09232	0.08802	0.11652	19.612	
	12 Chloroethane	0.14540	0.16792	0.17952	0.13537	0.10157	0.09902	0.13813	24.070	
	13 Trichlorofluoromethane	0.23106	0.25395	0.27188	0.23967	0.21397	0.21949	0.23834	9.140	
	14 Dichlorofluoromethane	0.27381	0.27600	0.31376	0.31927	0.30625	0.31470	0.30063	6.777	
	15 Acrolein	0.03525	0.03074	0.03615	0.03646	0.03945	0.03802	0.03601	8.276	
	16 Acetone	0.10199	0.06905	0.08330	0.08070	0.09031	0.09766	0.08717	13.814	
	17 1,1-Dichloroethene	0.19520	0.19047	0.20585	0.19024	0.17008	0.18042	0.18871	6.521	
	18 Freon-113	0.13163	0.13032	0.15002	0.12106	0.09803	0.09475	0.12097	17.569	
	19 Iodomethane	0.29554	0.28065	0.31133	0.27084	0.22865	0.25013	0.27286	11.031	
	20 Carbon Disulfide	0.72764	0.69674	0.73375	0.66718	0.57820	0.63233	0.67264	8.899	
	21 Methylene Chloride	0.67549	0.45083	0.33062	0.27037	0.22783	0.23010	0.36421	47.703	
	22 Acetonitrile	0.01442	0.01202	0.01545	0.01732	0.02092	0.02313	0.01721	24.183	
	23 Acrylonitrile	0.07750	0.06829	0.07966	0.08014	0.08672	0.08373	0.07934	7.970	
	24 Methyl tert-butyl ether	0.68737	0.68575	0.73106	0.73085	0.75250	0.74169	0.72154	3.915	
	25 trans-1,2-Dichloroethene	0.25317	0.24444	0.24998	0.24829	0.24133	0.24534	0.24709	1.718	
	26 Hexane	0.05291	0.05286	0.05620	0.05535	0.05413	0.05656	0.05467	2.952	
	27 Vinyl acetate	0.34926	0.35034	0.40077	0.43186	0.45454	0.39003	0.39613	10.734	
	28 1,1-Dichloroethane	0.41798	0.40589	0.42724	0.42071	0.41379	0.41626	0.41698	1.709	
	29 tert-Butyl Alcohol	0.00546	0.00463	0.00705	0.00866	0.01183	0.01116	0.00813	36.383	<-
	30 2-Butanone	0.11655	0.09976	0.12017	0.11910	0.12955	0.12941	0.11909	9.178	
M	31 1,2-Dichloroethene (total)	0.25478	0.24920	0.25403	0.25281	0.24700	0.24988	0.25128	1.217	
	32 cis-1,2-dichloroethene	0.25639	0.25395	0.25808	0.25733	0.25267	0.25441	0.25548	0.828	

Report Date : 01-Jun-2004 12:46

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	33 2,2-Dichloropropane	0.21836	0.20504	0.23142	0.21926	0.19109	0.18416	0.20822	8.712	
	34 Bromochloromethane	0.11246	0.11204	0.11617	0.11380	0.11531	0.11598	0.11430	1.568	
	35 Chloroform	0.40041	0.38271	0.39870	0.39063	0.38804	0.38864	0.39152	1.730	
	36 Tetrahydrofuran	0.07795	0.05730	0.05977	0.06380	0.06567	0.06110	0.06427	11.401	
	37 1,1,1-Trichloroethane	0.29610	0.29533	0.31690	0.31330	0.30072	0.30169	0.30401	2.966	
	38 1,1-Dichloropropene	0.31861	0.32103	0.32977	0.33065	0.32342	0.32717	0.32511	1.496	
	39 Carbon Tetrachloride	0.23017	0.22541	0.24747	0.24837	0.23835	0.24647	0.23937	4.084	
	40 1,2-Dichloroethane	0.29191	0.27433	0.29186	0.28484	0.28872	0.28552	0.28620	2.287	
	41 Benzene	1.41483	1.12774	1.10130	1.06132	1.03394	1.03585	1.12916	12.819	
	42 Trichloroethene	0.26014	0.24584	0.25432	0.25434	0.24748	0.25180	0.25232	2.058	
	43 1,2-Dichloropropane	0.24951	0.24690	0.25861	0.25019	0.24778	0.24993	0.25049	1.671	
	44 1,4-Dioxane	0.00090	0.00101	0.00112	0.00136	0.00192	0.00186	0.00136	32.213	<-
	45 Dibromomethane	0.12960	0.12537	0.13152	0.13042	0.13160	0.13022	0.12979	1.770	
	46 Bromodichloromethane	0.29429	0.28818	0.29493	0.29082	0.29310	0.29522	0.29276	0.941	
	47 2-Chloroethyl vinyl ether	0.12143	0.13116	0.13836	0.14548	0.15072	0.12971	0.13614	7.958	
	48 cis-1,3-Dichloropropene	0.34053	0.34175	0.37646	0.38367	0.38490	0.39694	0.37071	6.428	
	49 4-Methyl-2-pentanone	0.15487	0.15777	0.18596	0.19833	0.22280	0.22100	0.19012	15.595	
	50 Toluene	1.57817	1.59718	1.56325	1.55493	1.54218	1.55523	1.56516	1.255	
	51 trans-1,3-Dichloropropene	0.37912	0.39510	0.41807	0.44744	0.46844	0.48066	0.43147	9.433	
	52 Ethyl Methacrylate	0.31072	0.35244	0.40066	0.43398	0.46515	0.46149	0.40408	15.380	
	53 1,1,2-Trichloroethane	0.29037	0.29319	0.29868	0.29492	0.30133	0.29221	0.29512	1.406	
	54 1,3-Dichloropropane	0.54651	0.53593	0.53833	0.54403	0.54702	0.53870	0.54175	0.868	
	55 Tetrachloroethene	0.26924	0.25703	0.26442	0.26201	0.25322	0.25760	0.26059	2.221	
	56 2-Hexanone	0.14608	0.15938	0.20684	0.22321	0.25720	0.26438	0.20952	23.399	
	57 Dibromochloromethane	0.26871	0.26949	0.27681	0.28633	0.29297	0.29282	0.28119	3.936	
	58 1,2-Dibromoethane	0.26774	0.27398	0.28198	0.28461	0.29239	0.28856	0.28154	3.271	
	59 Chlorobenzene	1.02356	0.96674	0.97375	0.94410	0.92971	0.93637	0.96237	3.590	
	60 1,1,1,2-Tetrachloroethane	0.27147	0.27938	0.29257	0.29258	0.29278	0.29847	0.28788	3.547	
	61 Ethylbenzene	0.49601	0.50071	0.51039	0.50925	0.50132	0.50415	0.50364	1.086	
	62 m + p-Xylene	0.61328	0.62590	0.62820	0.62820	0.61345	0.61210	0.62019	1.289	
M	63 Xylenes (total)	0.60174	0.61031	0.62000	0.61885	0.60489	0.60177	0.60959	1.351	
	64 Xylene-o	0.57867	0.57912	0.60359	0.60015	0.58779	0.58110	0.58841	1.867	
	65 Styrene	1.04239	1.06852	1.08164	1.07192	1.07194	1.05636	1.06546	1.307	

Report Date : 01-Jun-2004 12:46

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
66 Bromoform	0.14600	0.15152	0.16298	0.16584	0.17814	0.17382	0.16305	7.635	
67 Isopropylbenzene	1.29874	1.34361	1.37565	1.36430	1.36503	1.33186	1.34653	2.104	
68 1,1,2,2-Tetrachloroethane	0.82236	0.79689	0.82558	0.84439	0.89768	0.85342	0.84006	4.090	
69 1,4-Dichloro-2-butene	0.15062	0.16553	0.19184	0.20870	0.23108	0.23854	0.19772	17.792	
70 1,2,3-Trichloropropane	0.25412	0.24832	0.26725	0.25557	0.27334	0.26771	0.26105	3.729	
71 Bromobenzene	1.00619	0.89649	0.91867	0.88087	0.88815	0.91666	0.91784	4.996	
72 n-Propylbenzene	0.92346	0.86941	0.93082	0.92941	0.92279	0.95099	0.92115	2.968	
73 2-Chlorotoluene	0.90181	0.82575	0.85825	0.84295	0.83788	0.85334	0.85333	3.093	
74 1,3,5-Trimethylbenzene	2.45604	2.50176	2.65454	2.62995	2.60760	2.53903	2.56482	3.050	
75 4-Chlorotoluene	0.86914	0.86512	0.87759	0.87108	0.86480	0.87455	0.87038	0.586	
76 tert-Butylbenzene	2.26977	2.06160	2.18219	2.14196	2.14835	2.01149	2.13590	4.253	
77 1,2,4-Trimethylbenzene	2.40534	2.49890	2.61400	2.59716	2.57394	2.42241	2.51862	3.587	
78 sec-Butylbenzene	2.55865	2.74663	2.88357	2.86462	2.83926	2.62525	2.75300	4.903	
79 4-Isopropyltoluene	1.77574	1.99351	2.10532	2.07325	2.09029	1.93387	1.99533	6.307	
80 1,3-Dichlorobenzene	1.71025	1.47931	1.45074	1.36886	1.34847	1.29303	1.44178	10.274	
81 1,4-Dichlorobenzene	1.74290	1.51709	1.47023	1.41985	1.40552	1.32982	1.48090	9.659	
82 n-Butylbenzene	1.44886	1.56204	1.58272	1.59129	1.65239	1.58242	1.56995	4.253	
83 1,2-Dichlorobenzene	1.43233	1.26909	1.21096	1.14130	1.14607	1.09155	1.21522	10.118	
84 1,2-Dibromo-3-chloropropane	0.05795	0.06252	0.06836	0.08039	0.09730	0.09407	0.07677	21.498	
85 1,2,4-Trichlorobenzene	0.80244	0.62385	0.49501	0.48334	0.58669	0.57706	0.59474	19.424	
86 Hexachlorobutadiene	0.32566	0.28465	0.21342	0.21181	0.22247	0.20123	0.24321	20.626	
87 Naphthalene	1.72824	1.58685	1.31679	1.32701	1.68683	1.59107	1.53947	11.510	
88 1,2,3-Trichlorobenzene	0.69794	0.59234	0.45622	0.43674	0.54331	0.51963	0.54103	17.688	
89 Ethyl Ether	0.19463	0.19118	0.19827	0.19874	0.19701	0.19772	0.19626	1.465	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	0.13274	0.12195	0.13476	0.13265	0.13514	0.13455	0.13197	3.802	
92 Isopropyl Ether	0.23164	0.22254	0.24179	0.23918	0.23852	0.23479	0.23474	2.966	
93 2-Chloro-1,3-butadiene	0.36875	0.34499	0.37142	0.36708	0.36739	0.35893	0.36309	2.701	
94 Propionitrile	0.02871	0.02706	0.03051	0.03035	0.03094	0.03206	0.02994	5.927	
95 Ethyl Acetate	0.19871	0.18747	0.19872	0.19894	0.20208	0.21525	0.20020	4.458	
96 Methacrylonitrile	0.13832	0.13817	0.13912	0.14011	0.14055	0.14292	0.13987	1.266	
97 Isobutanol	0.00359	0.00332	0.00381	0.00445	0.00547	0.00679	0.00457	29.055	<-
98 Cyclohexane	0.39831	0.39769	0.43587	0.41655	0.38095	0.38427	0.40227	5.153	

Report Date : 01-Jun-2004 12:46

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
	99 n-Butanol	0.00199	0.00190	0.00222	0.00276	0.00372	0.00504	0.00294	41.893	<-
	100 Methyl Methacrylate	0.17123	0.16541	0.18399	0.18601	0.19784	0.20612	0.18510	8.323	
	101 2-Nitropropane	0.03065	0.03095	0.03389	0.03744	0.03968	0.04580	0.03640	15.977	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Cyclohexanone	0.01638	0.01810	0.01909	0.01982	0.02248	0.02435	0.02004	14.583	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	141 1,3,5-Trichlorobenzene	0.73295	0.58947	0.50603	0.50795	0.58180	0.59381	0.58534	14.124	
	143 Methyl Acetate	0.16341	0.13725	0.15194	0.14810	0.15912	0.14892	0.15146	6.061	
	144 Methylcyclohexane	0.33825	0.34308	0.36959	0.37057	0.36104	0.36635	0.35815	3.916	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	146 2-Methylnaphthalene	1.56031	1.54262	1.51301	1.39859	1.29223	1.00853	1.38588	15.221	
$	4 Dibromofluoromethane	0.21621	0.20434	0.20786	0.20931	0.20813	0.20944	0.20921	1.862	
$	5 1,2-Dichloroethane-d4	0.24884	0.24373	0.24977	0.25220	0.24291	0.23740	0.24581	2.223	
$	6 Toluene-d8	1.27393	1.25196	1.28373	1.28829	1.28555	1.29037	1.27897	1.127	
$	7 Bromofluorobenzene	0.55973	0.49175	0.46942	0.46555	0.46278	0.44523	0.48241	8.438	

Report Date : 01-Jun-2004 12:51

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20857.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20856.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20855.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20854.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20853.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20852.D

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
8 Dichlorodifluoromethane	0.14673	0.15427	0.17175	0.15067	0.13071	0.12420	AVRG		0.14639		11.67970
9 Chloromethane	41727	89333	235276	367684	586188	1138147	QUAD	-0.10333	5.93384	1.50134	0.99593
10 Vinyl Chloride	41355	93244	243119	403700	642273	1194742	QUAD	-0.06683	5.01836	2.26979	0.99727
11 Bromomethane	23129	53468	140593	220811	351207	664381	QUAD	-0.08610	9.43412	6.34958	0.99630
12 Chloroethane	27307	64541	177608	261234	386374	747425	QUAD	-0.11093	8.27707	5.50787	0.99158
13 Trichlorofluoromethane	0.23106	0.25395	0.27188	0.23967	0.21397	0.21949	AVRG		0.23834		9.13993
14 Dichlorofluoromethane	0.27381	0.27600	0.31376	0.31927	0.30625	0.31470	AVRG		0.30063		6.77703
15 Acrolein	0.03525	0.03074	0.03615	0.03646	0.03945	0.03802	AVRG		0.03601		8.27650
16 Acetone	0.10199	0.06905	0.08330	0.08070	0.09031	0.09766	AVRG		0.08717		13.81350

Report Date : 01-Jun-2004 12:51

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	17 1,1-Dichloroethene	0.19520	0.19047	0.20585	0.19024	0.17008	0.18042	AVRG		0.18871		6.52125	
	18 Freon-113	24722	50088	148421	233622	372903	715224	QUAD	-0.07547	8.95656	4.89440	0.99603	
	19 Iodomethane	0.29554	0.28065	0.31133	0.27084	0.22865	0.25013	AVRG		0.27286		11.03123	
	20 Carbon Disulfide	0.72764	0.69674	0.73375	0.66718	0.57820	0.63233	AVRG		0.67264		8.89879	
	21 Methylene Chloride	126865	173278	327100	521749	866667	1736826	QUAD	-0.27384	5.05145	-0.43286	0.99895	
	22 Acetonitrile	27076	46208	152833	334259	795622	1745841	QUAD	0.81412	50.84683	-9.25975	0.99906	
	23 Acrylonitrile	0.07750	0.06829	0.07966	0.08014	0.08672	0.08373	AVRG		0.07934		7.96974	
	24 Methyl tert-butyl ether	0.68737	0.68575	0.73106	0.73085	0.75250	0.74169	AVRG		0.72154		3.91537	
	25 trans-1,2-Dichloroethene	0.25317	0.24444	0.24998	0.24829	0.24133	0.24534	AVRG		0.24709		1.71769	
	26 Hexane	0.05291	0.05286	0.05620	0.05535	0.05413	0.05656	AVRG		0.05467		2.95199	
	27 Vinyl acetate	0.34926	0.35034	0.40077	0.43186	0.45454	0.39003	AVRG		0.39613		10.73384	
	28 1,1-Dichloroethane	0.41798	0.40589	0.42724	0.42071	0.41379	0.41626	AVRG		0.41698		1.70873	
	29 tert-Butyl Alcohol	20514	35556	139446	334204	900322	1684995	QUAD	3.15693	78.60614	7.75438	0.99559	<-
	30 2-Butanone	0.11655	0.09976	0.12017	0.11910	0.12955	0.12941	AVRG		0.11909		9.17754	
M	31 1,2-Dichloroethene (total)	0.25478	0.24920	0.25403	0.25281	0.24700	0.24988	AVRG		0.25128		1.21745	
	32 cis-1,2-dichloroethene	0.25639	0.25395	0.25808	0.25733	0.25267	0.25441	AVRG		0.25548		0.82797	
	33 2,2-Dichloropropane	0.21836	0.20504	0.23142	0.21926	0.19109	0.18416	AVRG		0.20822		8.71187	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
34 Bromochloromethane	0.11246	0.11204	0.11617	0.11380	0.11531	0.11598	AVRG		0.11430		1.56811	
35 Chloroform	0.40041	0.38271	0.39870	0.39063	0.38804	0.38864	AVRG		0.39152		1.72996	
36 Tetrahydrofuran	0.07795	0.05730	0.05977	0.06380	0.06567	0.06110	AVRG		0.06427		11.40066	
37 1,1,1-Trichloroethane	0.29610	0.29533	0.31690	0.31330	0.30072	0.30169	AVRG		0.30401		2.96637	
38 1,1-Dichloropropene	0.31861	0.32103	0.32977	0.33065	0.32342	0.32717	AVRG		0.32511		1.49612	
39 Carbon Tetrachloride	0.23017	0.22541	0.24747	0.24837	0.23835	0.24647	AVRG		0.23937		4.08354	
40 1,2-Dichloroethane	0.29191	0.27433	0.29186	0.28484	0.28872	0.28552	AVRG		0.28620		2.28690	
41 Benzene	1.41483	1.12774	1.10130	1.06132	1.03394	1.03585	AVRG		1.12916		12.81917	
42 Trichloroethene	0.26014	0.24584	0.25432	0.25434	0.24748	0.25180	AVRG		0.25232		2.05817	
43 1,2-Dichloropropane	0.24951	0.24690	0.25861	0.25019	0.24778	0.24993	AVRG		0.25049		1.67071	
44 1,4-Dioxane	8408	19448	55499	131190	365845	702741	QUAD	7.50284	503	29.46050	0.99509	<-
45 Dibromomethane	0.12960	0.12537	0.13152	0.13042	0.13160	0.13022	AVRG		0.12979		1.77033	
46 Bromodichloromethane	0.29429	0.28818	0.29493	0.29082	0.29310	0.29522	AVRG		0.29276		0.94081	
47 2-Chloroethyl vinyl ether	0.12143	0.13116	0.13836	0.14548	0.15072	0.12971	AVRG		0.13614		7.95823	
48 cis-1,3-Dichloropropene	0.34053	0.34175	0.37646	0.38367	0.38490	0.39694	AVRG		0.37071		6.42844	
49 4-Methyl-2-pentanone	58171	121282	367957	765464	1695085	3336357	QUAD	0.13280	4.43001	0.00607	0.99941	
50 Toluene	1.57817	1.59718	1.56325	1.55493	1.54218	1.55523	AVRG		1.56516		1.25514	

Report Date : 01-Jun-2004 12:51

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	51 trans-1,3-Dichloropropene	0.37912	0.39510	0.41807	0.44744	0.46844	0.48066	AVRG		0.43147		9.43332
	52 Ethyl Methacrylate	40991	93081	278392	584576	1229700	2413915	QUAD	0.05741	2.09913	0.01844	0.99978
	53 1,1,2-Trichloroethane	0.29037	0.29319	0.29868	0.29492	0.30133	0.29221	AVRG		0.29512		1.40558
	54 1,3-Dichloropropane	0.54651	0.53593	0.53833	0.54403	0.54702	0.53870	AVRG		0.54175		0.86764
	55 Tetrachloroethene	0.26924	0.25703	0.26442	0.26201	0.25322	0.25760	AVRG		0.26059		2.22139
	56 2-Hexanone	38543	84183	287434	601331	1359928	2765835	QUAD	0.15758	3.92276	-0.10477	0.99942
	57 Dibromochloromethane	0.26871	0.26949	0.27681	0.28633	0.29297	0.29282	AVRG		0.28119		3.93556
	58 1,2-Dibromoethane	0.26774	0.27398	0.28198	0.28461	0.29239	0.28856	AVRG		0.28154		3.27087
	59 Chlorobenzene	1.02356	0.96674	0.97375	0.94410	0.92971	0.93637	AVRG		0.96237		3.59034
	60 1,1,1,2-Tetrachloroethane	0.27147	0.27938	0.29257	0.29258	0.29278	0.29847	AVRG		0.28788		3.54739
	61 Ethylbenzene	0.49601	0.50071	0.51039	0.50925	0.50132	0.50415	AVRG		0.50364		1.08583
	62 m + p-Xylene	0.61328	0.62590	0.62820	0.62820	0.61345	0.61210	AVRG		0.62019		1.28911
M	63 Xylenes (total)	0.60174	0.61031	0.62000	0.61885	0.60489	0.60177	AVRG		0.60959		1.35139
	64 Xylene-o	0.57867	0.57912	0.60359	0.60015	0.58779	0.58110	AVRG		0.58841		1.86651
	65 Styrene	1.04239	1.06852	1.08164	1.07192	1.07194	1.05636	AVRG		1.06546		1.30717
	66 Bromoform	0.14600	0.15152	0.16298	0.16584	0.17814	0.17382	AVRG		0.16305		7.63517
	67 Isopropylbenzene	1.29874	1.34361	1.37565	1.36430	1.36503	1.33186	AVRG		1.34653		2.10410

Report Date : 01-Jun-2004 12:51

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
68 1,1,2,2-Tetrachloroethane	0.82236	0.79689	0.82558	0.84439	0.89768	0.85342	AVRG		0.84006		4.09048
69 1,4-Dichloro-2-butene	7335	17694	52265	109983	236061	453322	QUAD	0.06051	4.38934	-0.27870	0.99970
70 1,2,3-Trichloropropane	0.25412	0.24832	0.26725	0.25557	0.27334	0.26771	AVRG		0.26105		3.72878
71 Bromobenzene	1.00619	0.89649	0.91867	0.88087	0.88815	0.91666	AVRG		0.91784		4.99589
72 n-Propylbenzene	0.92346	0.86941	0.93082	0.92941	0.92279	0.95099	AVRG		0.92115		2.96810
73 2-Chlorotoluene	0.90181	0.82575	0.85825	0.84295	0.83788	0.85334	AVRG		0.85333		3.09284
74 1,3,5-Trimethylbenzene	2.45604	2.50176	2.65454	2.62995	2.60760	2.53903	AVRG		2.56482		3.04997
75 4-Chlorotoluene	0.86914	0.86512	0.87759	0.87108	0.86480	0.87455	AVRG		0.87038		0.58634
76 tert-Butylbenzene	2.26977	2.06160	2.18219	2.14196	2.14835	2.01149	AVRG		2.13590		4.25297
77 1,2,4-Trimethylbenzene	2.40534	2.49890	2.61400	2.59716	2.57394	2.42241	AVRG		2.51862		3.58669
78 sec-Butylbenzene	2.55865	2.74663	2.88357	2.86462	2.83926	2.62525	AVRG		2.75300		4.90255
79 4-Isopropyltoluene	1.77574	1.99351	2.10532	2.07325	2.09029	1.93387	AVRG		1.99533		6.30700
80 1,3-Dichlorobenzene	1.71025	1.47931	1.45074	1.36886	1.34847	1.29303	AVRG		1.44178		10.27433
81 1,4-Dichlorobenzene	1.74290	1.51709	1.47023	1.41985	1.40552	1.32982	AVRG		1.48090		9.65927
82 n-Butylbenzene	1.44886	1.56204	1.58272	1.59129	1.65239	1.58242	AVRG		1.56995		4.25327
83 1,2-Dichlorobenzene	1.43233	1.26909	1.21096	1.14130	1.14607	1.09155	AVRG		1.21522		10.11847
84 1,2-Dibromo-3-chloropropane	2822	6683	18624	42363	99401	178768	QUAD	0.10422	9.90802	1.07807	0.99804

Report Date : 01-Jun-2004 12:51

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
85 1,2,4-Trichlorobenzene	39077	66686	134861	254723	599336	1096634	QUAD	0.01448	1.80354	-0.03618	0.99745	
86 Hexachlorobutadiene	15859	30427	58144	111625	227261	382417	QUAD	-0.00971	4.26274	0.87282	0.99888	
87 Naphthalene	1.72824	1.58685	1.31679	1.32701	1.68683	1.59107	AVRG		1.53947		11.51010	
88 1,2,3-Trichlorobenzene	33988	63317	124295	230161	555015	987501	QUAD	0.02607	1.90071	0.00104	0.99666	
89 Ethyl Ether	0.19463	0.19118	0.19827	0.19874	0.19701	0.19772	AVRG		0.19626		1.46469	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.13274	0.12195	0.13476	0.13265	0.13514	0.13455	AVRG		0.13197		3.80221	
92 Isopropyl Ether	0.23164	0.22254	0.24179	0.23918	0.23852	0.23479	AVRG		0.23474		2.96550	
93 2-Chloro-1,3-butadiene	0.36875	0.34499	0.37142	0.36708	0.36739	0.35893	AVRG		0.36309		2.70093	
94 Propionitrile	0.02871	0.02706	0.03051	0.03035	0.03094	0.03206	AVRG		0.02994		5.92688	
95 Ethyl Acetate	0.19871	0.18747	0.19872	0.19894	0.20208	0.21525	AVRG		0.20020		4.45750	
96 Methacrylonitrile	0.13832	0.13817	0.13912	0.14011	0.14055	0.14292	AVRG		0.13987		1.26604	
97 Isobutanol	10292	18938	53860	128370	323476	797629	QUAD	1.59014	203	-108	0.99910	<-
98 Cyclohexane	0.39831	0.39769	0.43587	0.41655	0.38095	0.38427	AVRG		0.40227		5.15259	
99 n-Butanol	5684	10819	31450	79615	219845	592920	QUAD	2.29327	301	-270	0.99804	<-
100 Methyl Methacrylate	0.17123	0.16541	0.18399	0.18601	0.19784	0.20612	AVRG		0.18510		8.32287	
101 2-Nitropropane	12166	24482	67488	149345	321075	738935	QUAD	0.05888	27.25911	-15.24475	0.99995	

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	103 Cyclohexanone	0.01638	0.01810	0.01909	0.01982	0.02248	0.02435	AVRG		0.02004		14.58337	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	141 1,3,5-Trichlorobenzene	0.73295	0.58947	0.50603	0.50795	0.58180	0.59381	AVRG		0.58534		14.12442	
	143 Methyl Acetate	0.16341	0.13725	0.15194	0.14810	0.15912	0.14892	AVRG		0.15146		6.06098	
	144 Methylcyclohexane	0.33825	0.34308	0.36959	0.37057	0.36104	0.36635	AVRG		0.35815		3.91608	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	146 2-Methylnaphthalene	128853	251524	610696	1163490	2230090	3593848	QUAD	0.12224	0.44006	0.06578	0.99884	

STL North Canton

INITIAL CALIBRATION DATA

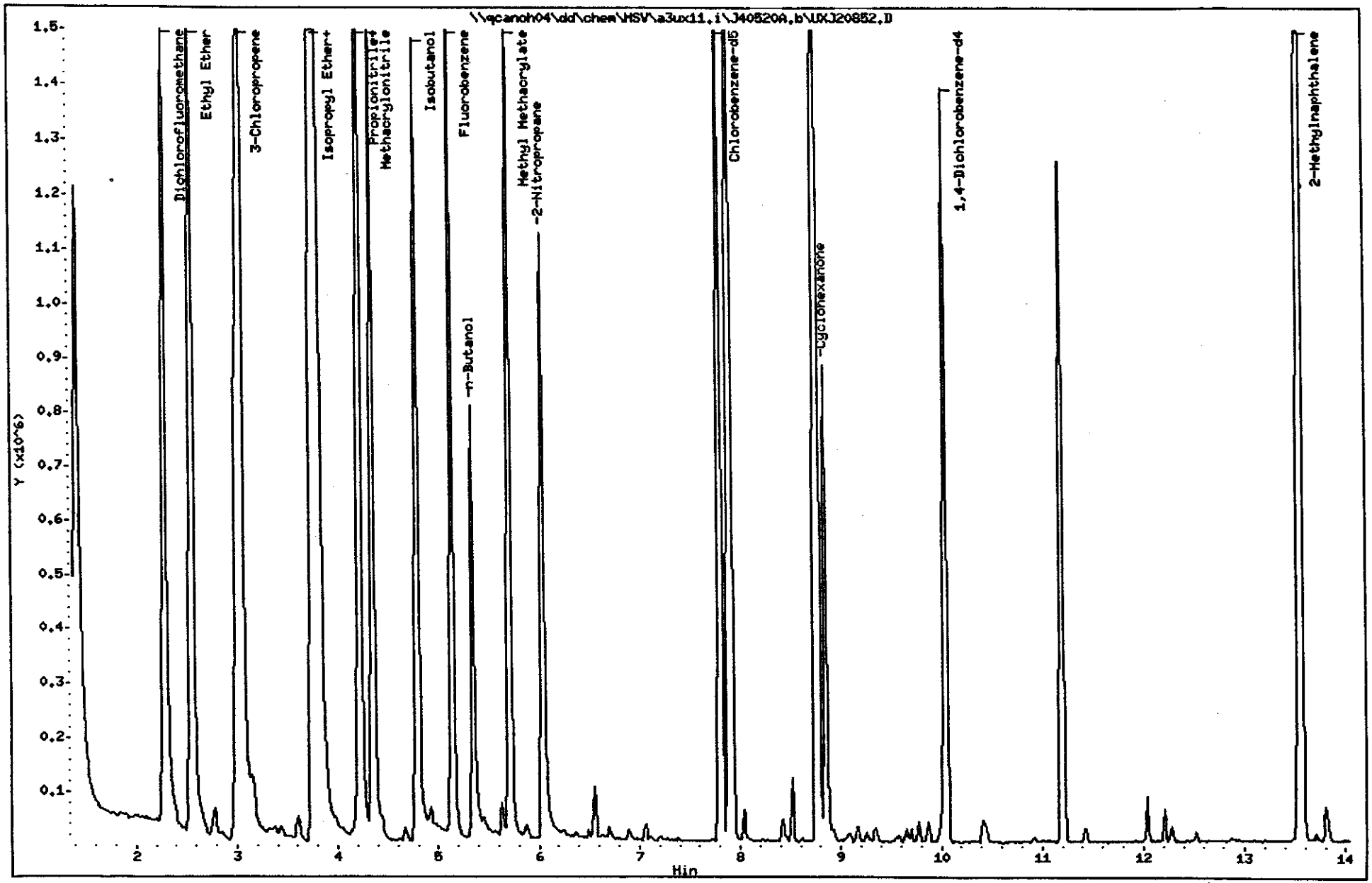
Start Cal Date : 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A.b\8260LLUX11.m
Cal Date : 01-Jun-2004 12:30 tapsvc

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
$ 4 Dibromofluoromethane	0.21621	0.20434	0.20786	0.20931	0.20813	0.20944	AVRG		0.20921		1.86161
$ 5 1,2-Dichloroethane-d4	0.24884	0.24373	0.24977	0.25220	0.24291	0.23740	AVRG		0.24581		2.22276
$ 6 Toluene-d8	1.27393	1.25196	1.28373	1.28829	1.28555	1.29037	AVRG		1.27897		1.12663
$ 7 Bromofluorobenzene	0.55973	0.49175	0.46942	0.46555	0.46278	0.44523	AVRG		0.48241		8.43842

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40520A.b\UXJ20852.D
Date : 20-MAY-2004 13:28
Client ID:
Sample Info: 200NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20852.D
Report Date: 21-May-2004 09:16

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20852.D
Lab Smp Id: 200NG-A9IC
Inj Date : 20-MAY-2004 13:28
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 200NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,6
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:16 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 13:28 Cal File: UXJ20852.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	2016945	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1469327	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	445430	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	2538961	200.000	209.36(A)
89 Ethyl Ether	59	2.568	2.568	(0.499)	1595168	200.000	201.49(A)
91 3-Chloropropene	76	3.053	3.053	(0.593)	1085555	200.000	203.92(A)
92 Isopropyl Ether	87	3.763	3.763	(0.731)	9471027	1000.00	1000.2(A)
93 2-Chloro-1,3-butadiene	53	3.798	3.798	(0.738)	2895758	200.000	197.71
94 Propionitrile	54	4.224	4.224	(0.821)	517230	400.000	428.31(A)
95 Ethyl Acetate	43	4.224	4.224	(0.821)	3473164	400.000	430.08(A)
96 Methacrylonitrile	41	4.355	4.355	(0.846)	1153058	200.000	204.37(A)
97 Isobutanol	41	4.792	4.792	(0.614)	797629	4000.00	3995.0(A)
99 n-Butanol	56	5.348	5.348	(0.685)	592920	4000.00	3994.3(A)
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	1662959	200.000	222.71(A)
101 2-Nitropropane	41	6.047	6.047	(1.175)	738935	400.000	399.97(A)
103 Cyclohexanone	55	8.851	8.851	(0.881)	433912	2000.00	2430.9(A)
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	3593848	400.000	397.73(A)

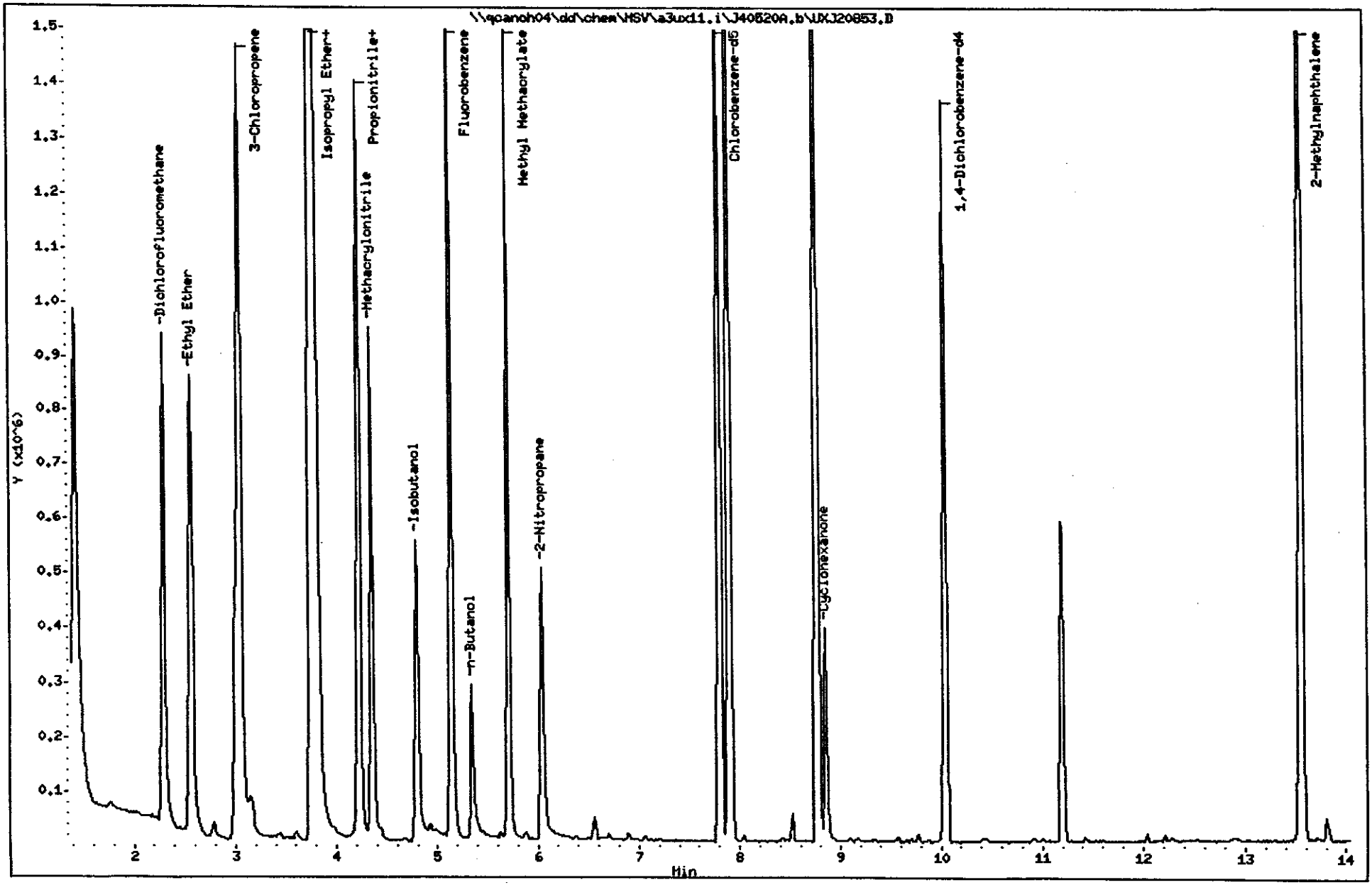
Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20852.D
Report Date: 21-May-2004 09:16

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3uxd1.i\J40520A.b\UXJ20853.D
Date : 20-MAY-2004 13:52
Client ID:
Sample Info: 100NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3uxd1.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20853.D
Report Date: 21-May-2004 09:16

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20853.D
Lab Smp Id: 100NG-A9IC
Inj Date : 20-MAY-2004 13:52
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 100NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,5
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:16 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 13:28 Cal File: UXJ20852.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	2022924	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1477822	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	431442	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	1239046	100.000	101.87
89 Ethyl Ether	59	2.568	2.568	(0.499)	797079	100.000	100.38
91 3-Chloropropene	76	3.053	3.053	(0.593)	546770	100.000	102.41
92 Isopropyl Ether	87	3.775	3.775	(0.733)	4825061	500.000	508.04(A)
93 2-Chloro-1,3-butadiene	53	3.798	3.798	(0.738)	1486400	100.000	101.18
94 Propionitrile	54	4.224	4.224	(0.821)	250321	200.000	206.67(A)
95 Ethyl Acetate	43	4.224	4.224	(0.821)	1635174	200.000	201.88(A)
96 Methacrylonitrile	41	4.355	4.355	(0.846)	568628	100.000	100.49
97 Isobutanol	41	4.792	4.792	(0.614)	323476	2000.00	2041.5(A)
99 n-Butanol	56	5.349	5.349	(0.685)	219845	2000.00	2055.9(A)
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	800449	100.000	106.88
101 2-Nitropropane	41	6.047	6.047	(1.175)	321075	200.000	200.07(A)
103 Cyclohexanone	55	8.851	8.851	(0.881)	193962	1000.00	1121.9(A)
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	2230090	200.000	207.71(A)

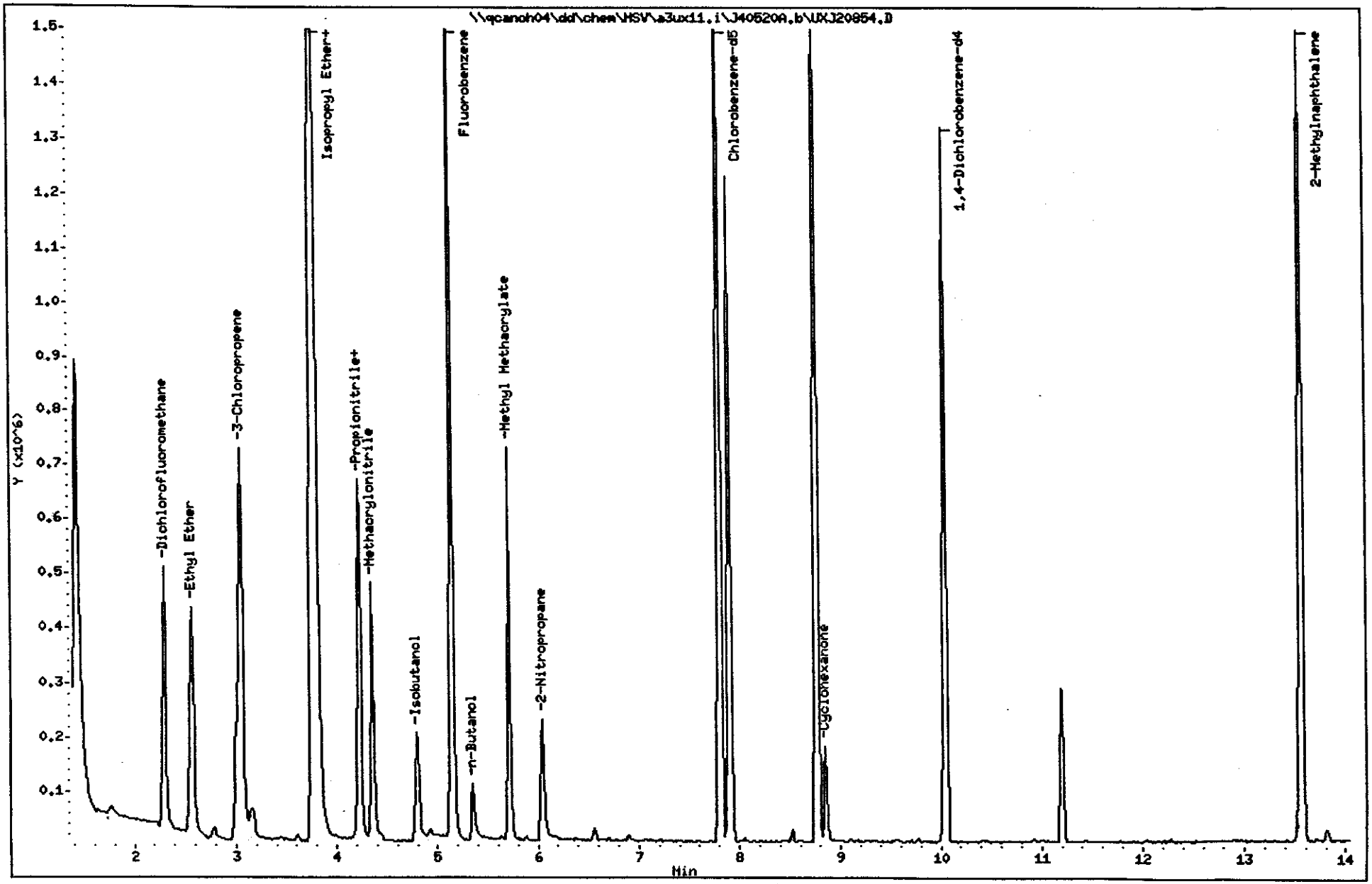
Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20853.D
Report Date: 21-May-2004 09:16

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40520A.b\UXJ20854.D
Date : 20-MAY-2004 14:15
Client ID:
Sample Info: 50NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20854.D
Report Date: 21-May-2004 09:17

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20854.D
Lab Smp Id: 50NG-A9IC
Inj Date : 20-MAY-2004 14:15
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 50NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,4
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:17 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 13:28 Cal File: UXJ20852.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1994513	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1442345	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	415952	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	636782	50.0000	53.099
89 Ethyl Ether	59	2.568	2.568	(0.499)	396390	50.0000	50.632
91 3-Chloropropene	76	3.053	3.053	(0.593)	264566	50.0000	50.258
92 Isopropyl Ether	87	3.775	3.775	(0.733)	2385269	250.000	254.73 (A)
93 2-Chloro-1,3-butadiene	53	3.798	3.798	(0.738)	732136	50.0000	50.548
94 Propionitrile	54	4.224	4.224	(0.821)	121067	100.000	101.38
95 Ethyl Acetate	43	4.224	4.224	(0.821)	793594	100.000	99.375
96 Methacrylonitrile	41	4.355	4.355	(0.846)	279460	50.0000	50.089
97 Isobutanol	41	4.792	4.792	(0.614)	128370	1000.00	939.74 (A)
99 n-Butanol	56	5.349	5.349	(0.685)	79615	1000.00	904.57 (A)
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	371002	50.0000	50.246
101 2-Nitropropane	41	6.047	6.047	(1.175)	149345	100.000	100.72
103 Cyclohexanone	55	8.851	8.851	(0.881)	82442	500.000	494.60 (A)
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	1163490	100.000	93.390

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20854.D
Report Date: 21-May-2004 09:17

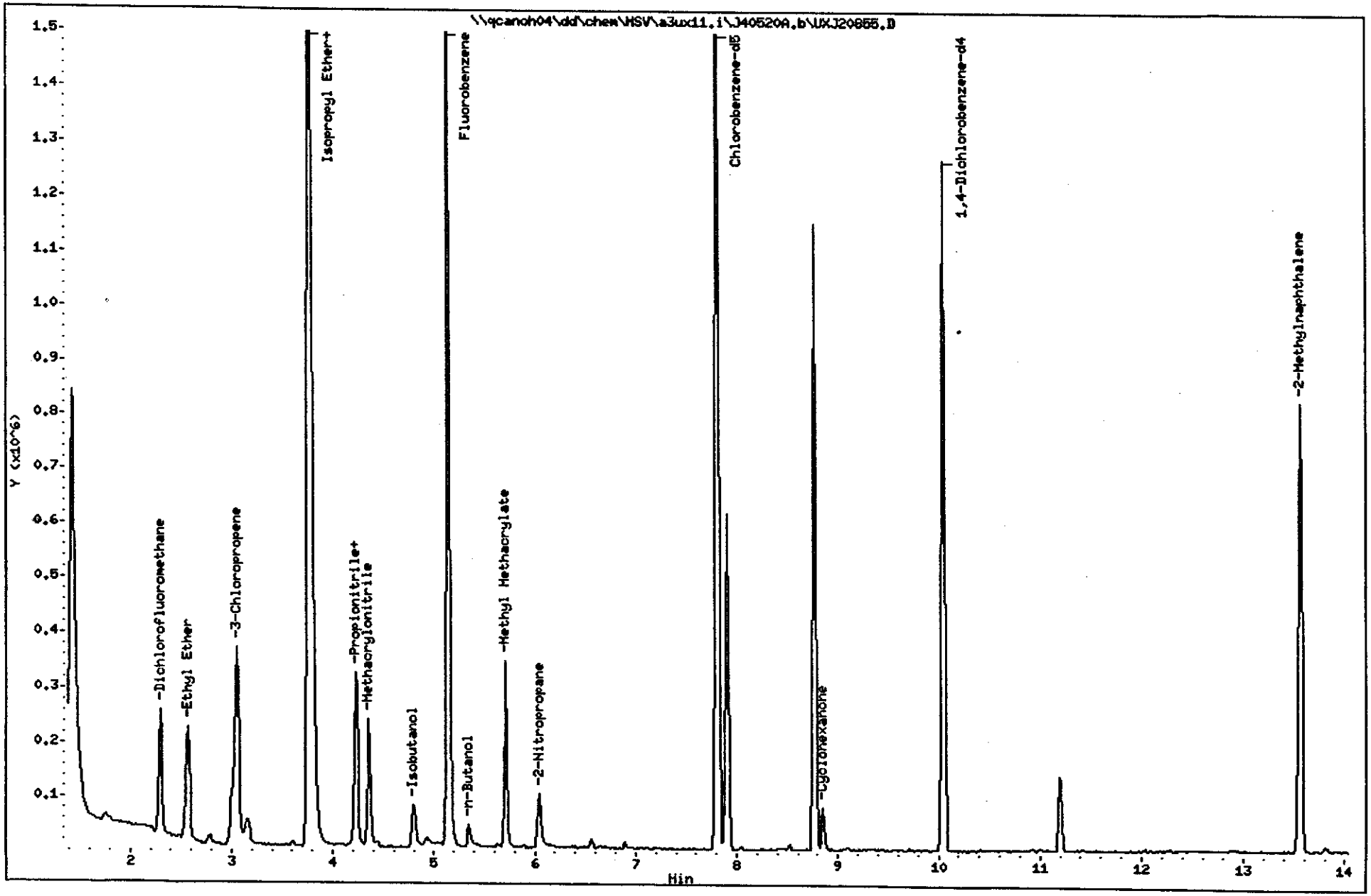
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40520A.b\UXJ20855.D
Date : 20-MAY-2004 14:38
Client ID:
Sample Info: 25NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i

Operator: 43582
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20855.D
Report Date: 21-May-2004 09:18

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20855.D
Lab Smp Id: 25NG-A9IC
Inj Date : 20-MAY-2004 14:38
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 25NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,3
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:17 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 13:28 Cal File: UXJ20852.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1991175	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1414182	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	403631	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	312378	25.0000	26.092
89 Ethyl Ether	59	2.568	2.568	(0.499)	197393	25.0000	25.256
91 3-Chloropropene	76	3.053	3.053	(0.593)	134164	25.0000	25.529
92 Isopropyl Ether	87	3.775	3.775	(0.733)	1203616	125.000	128.75
93 2-Chloro-1,3-butadiene	53	3.798	3.798	(0.738)	369786	25.0000	25.574
94 Propionitrile	54	4.224	4.224	(0.821)	60744	50.0000	50.952
95 Ethyl Acetate	43	4.224	4.224	(0.821)	395681	50.0000	49.631
96 Methacrylonitrile	41	4.355	4.355	(0.846)	138509	25.0000	24.867
97 Isobutanol	41	4.792	4.792	(0.614)	53860	500.000	458.10(A)
99 n-Butanol	56	5.349	5.349	(0.685)	31450	500.000	442.79(A)
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	183181	25.0000	24.850
101 2-Nitropropane	41	6.047	6.047	(1.175)	67488	50.0000	48.264
103 Cyclohexanone	55	8.851	8.851	(0.881)	38534	250.000	238.23(A)
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	610696	50.0000	46.931

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20855.D
Report Date: 21-May-2004 09:18

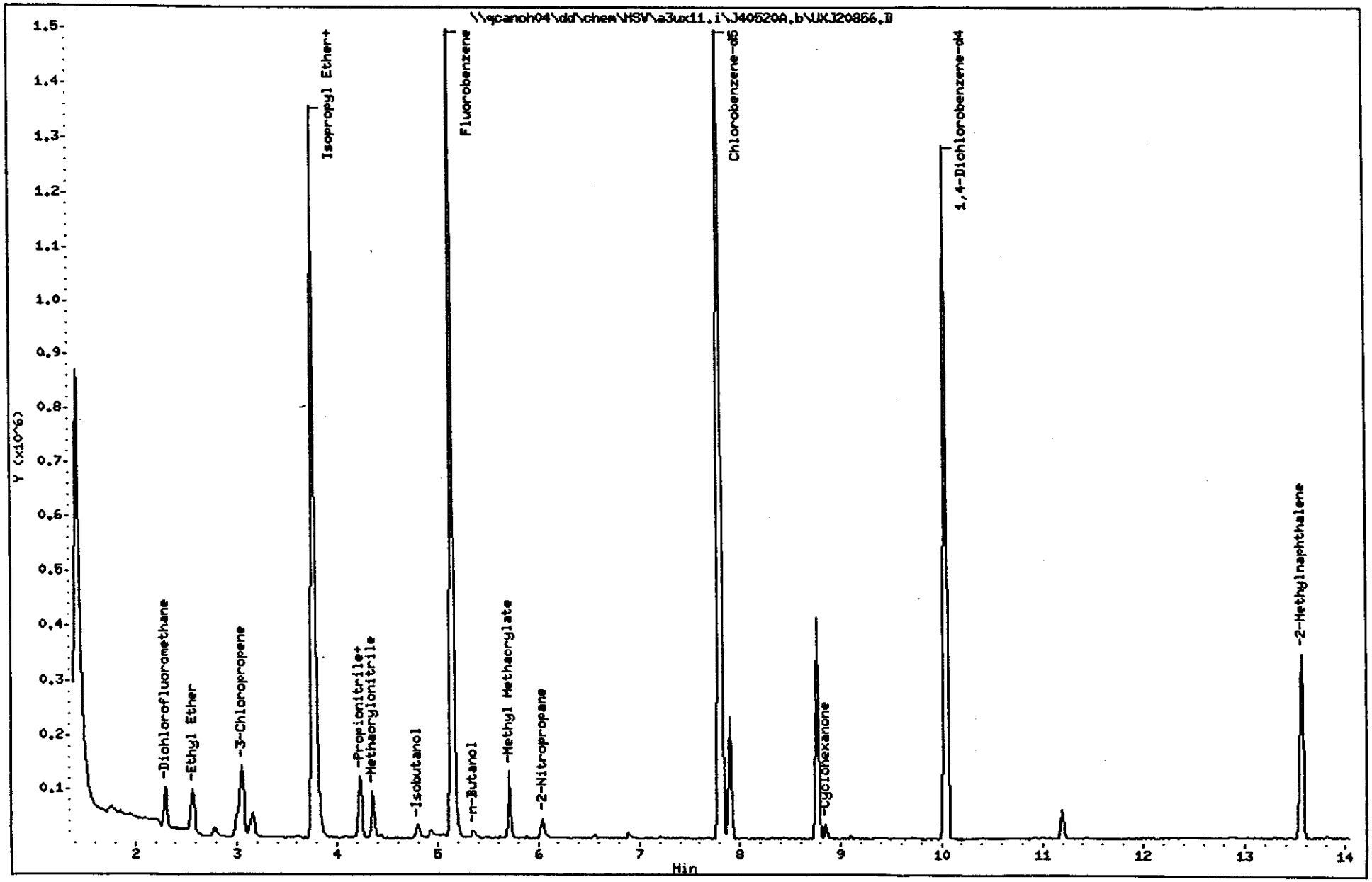
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40520A.b\UXJ20856.D
Date : 20-MAY-2004 15:01
Client ID:
Sample Info: 10NC-A91C
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i

Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20856.D
Report Date: 21-May-2004 09:18

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20856.D
Lab Smp Id: 10NG-A9IC
Inj Date : 20-MAY-2004 15:01
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 10NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,2
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:18 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 13:28 Cal File: UXJ20852.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1977619	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1424890	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	407626	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	109166	10.0000	9.181
89 Ethyl Ether	59	2.568	2.568	(0.499)	75617	10.0000	9.741
91 3-Chloropropene	76	3.053	3.053	(0.593)	48236	10.0000	9.241
92 Isopropyl Ether	87	3.775	3.775	(0.733)	440091	50.0000	47.400
93 2-Chloro-1,3-butadiene	53	3.798	3.798	(0.738)	136451	10.0000	9.501
94 Propionitrile	54	4.224	4.224	(0.821)	21409	20.0000	18.081
95 Ethyl Acetate	43	4.224	4.224	(0.821)	148294	20.0000	18.728
96 Methacrylonitrile	41	4.355	4.355	(0.846)	54650	10.0000	9.879
97 Isobutanol	41	4.804	4.804	(0.615)	18938	200.000	213.41(A)
99 n-Butanol	56	5.348	5.348	(0.685)	10819	200.000	228.19(A)
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	65422	10.0000	8.936
101 2-Nitropropane	41	6.047	6.047	(1.175)	24482	20.0000	19.700
103 Cyclohexanone	55	8.851	8.851	(0.881)	14754	100.000	90.322
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	251524	20.0000	20.941

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20856.D
Report Date: 21-May-2004 09:18

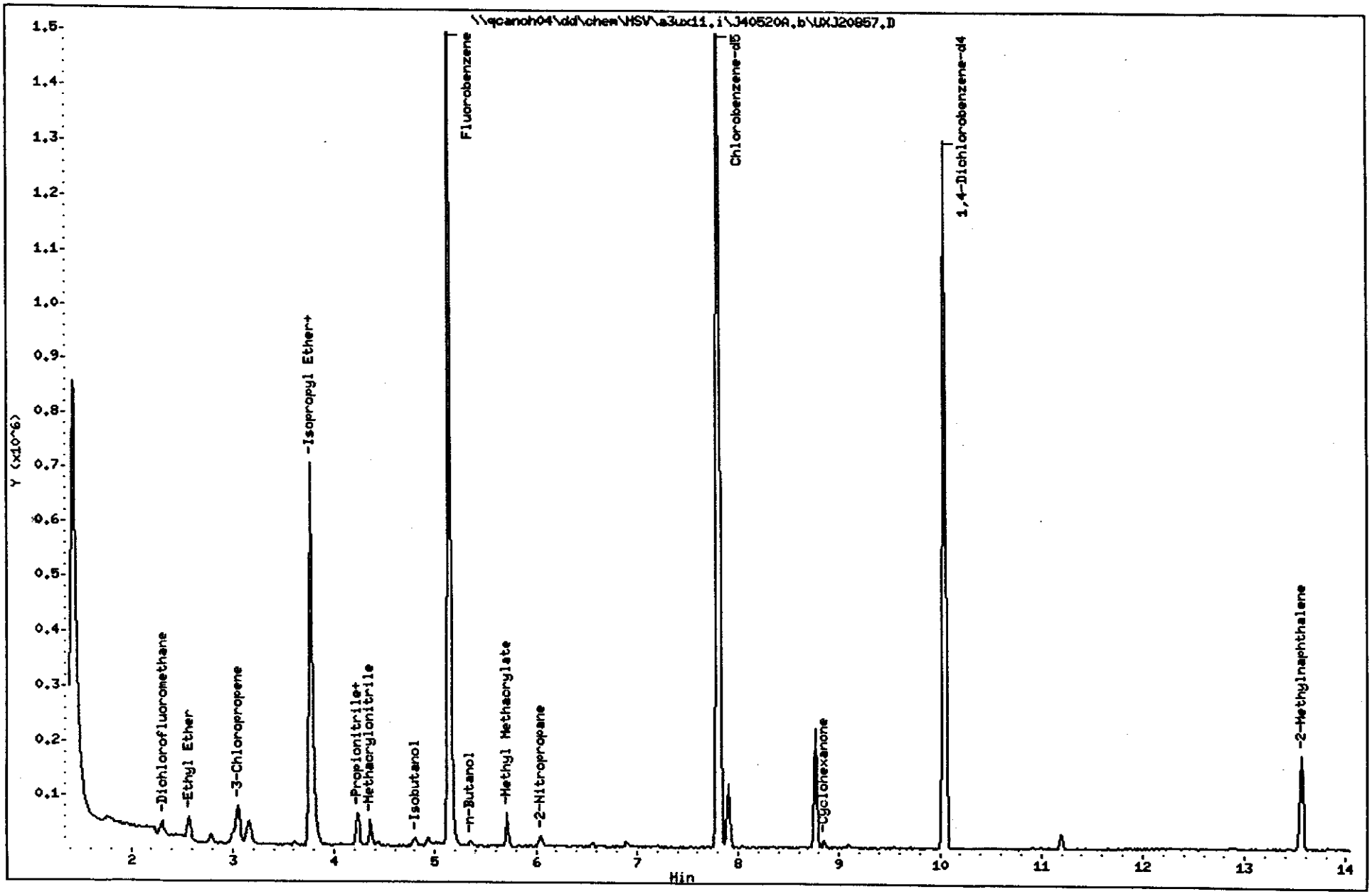
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20857.D
Date : 20-MAY-2004 15:24
Client ID:
Sample Info: 5NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i

Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20857.D
Report Date: 21-May-2004 09:19

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A.b\UXJ20857.D
Lab Smp Id: 5NG-A9IC
Inj Date : 20-MAY-2004 15:24
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 5NG-A9IC
Misc Info : J40520A,8260LLUX11,3-IX.SUB,43582,1,1
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40520A.b\8260LLUX11.m
Meth Date : 21-May-2004 09:19 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

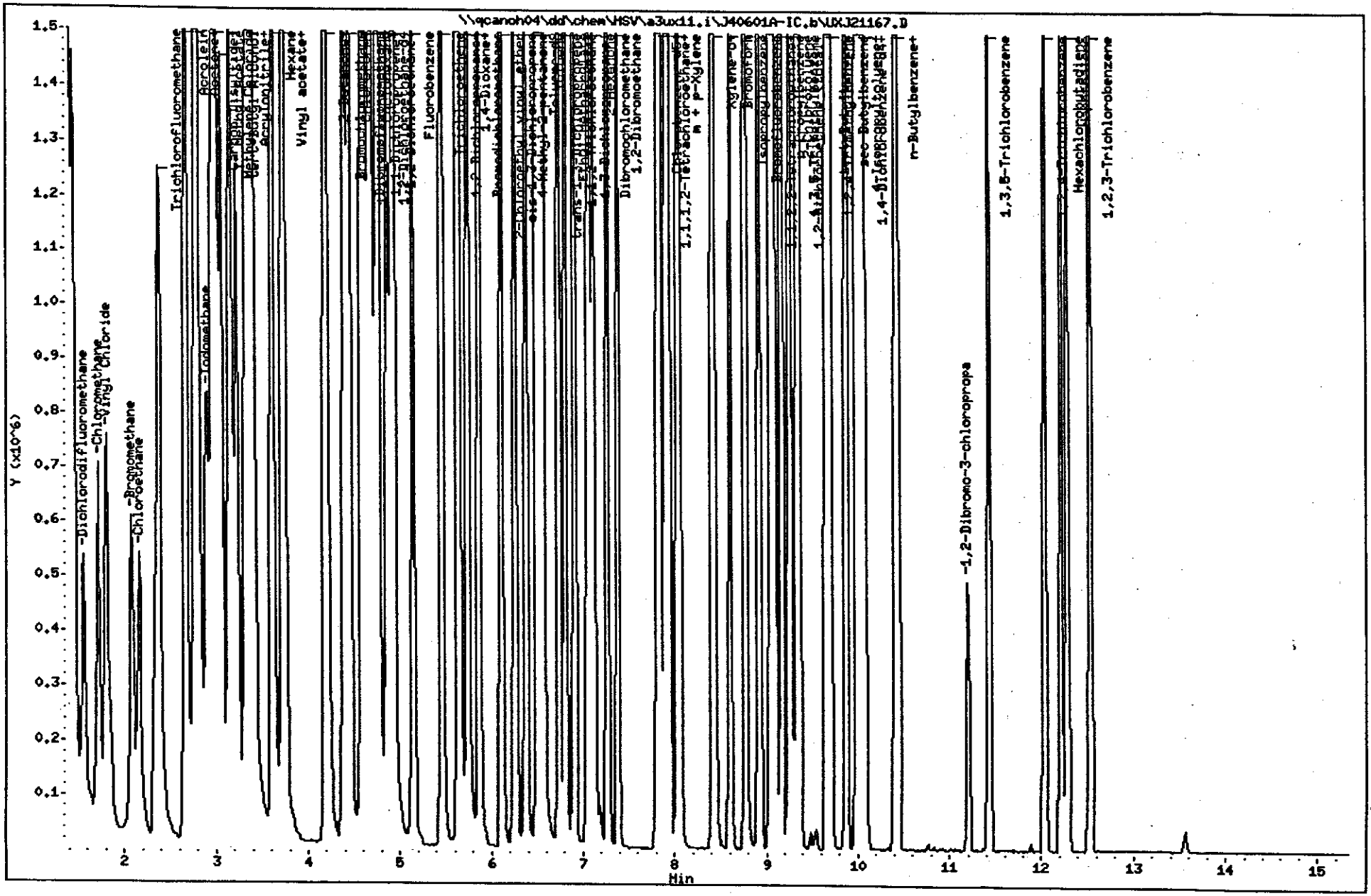
Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1984402	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1431600	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	412909	50.0000	
14 Dichlorofluoromethane	67	2.296	2.296	(0.446)	54334	5.00000	4.554
89 Ethyl Ether	59	2.568	2.568	(0.499)	38623	5.00000	4.958
91 3-Chloropropene	76	3.053	3.053	(0.593)	26341	5.00000	5.029
92 Isopropyl Ether	87	3.775	3.775	(0.733)	229831	25.0000	24.669
93 2-Chloro-1,3-butadiene	53	3.799	3.799	(0.738)	73175	5.00000	5.078
94 Propionitrile	54	4.225	4.225	(0.821)	11394	10.0000	9.590
95 Ethyl Acetate	43	4.225	4.225	(0.821)	78866	10.0000	9.926
96 Methacrylonitrile	41	4.355	4.355	(0.846)	27448	5.00000	4.945
97 Isobutanol	41	4.792	4.792	(0.614)	10292	100.000	152.17
99 n-Butanol	56	5.349	5.349	(0.685)	5684	100.000	174.22
100 Methyl Methacrylate	41	5.715	5.715	(1.110)	33979	5.00000	4.625
101 2-Nitropropane	41	6.047	6.047	(1.175)	12166	10.0000	11.271
103 Cyclohexanone	55	8.851	8.851	(0.881)	6762	50.0000	40.866
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	128853	10.0000	13.298

Data File: \\qcanoh04\dd\chem\HSV\a3uxi1.i\J40601A-IC.b\UXJ21167.D
Date : 01-JUN-2004 10:23
Client ID:
Sample Info: 200NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3uxi1.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21167.D
Report Date: 02-Jun-2004 09:30

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21167.D
Lab Smp Id: 200NG-IC
Inj Date : 01-JUN-2004 10:23 Inst ID: a3ux11.i
Operator : 43582
Smp Info : 200NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:30 evans1 Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.136	5.136	(1.000)	1887045	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1307681	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	475094	50.0000	
$ 4 Dibromofluoromethane	113	4.568	4.568	(0.889)	1580861	200.000	200.21(A)
$ 5 1,2-Dichloroethane-d4	65	4.852	4.852	(0.945)	1791914	200.000	193.16
$ 6 Toluene-d8	98	6.496	6.496	(0.832)	6749595	200.000	201.78(A)
$ 7 Bromofluorobenzene	95	8.910	8.910	(1.141)	2328895	200.000	184.59
8 Dichlorodifluoromethane	85	1.550	1.550	(0.302)	937508	200.000	169.69
9 Chloromethane	50	1.704	1.704	(0.332)	1138147	200.000	201.09(A)
10 Vinyl Chloride	62	1.799	1.799	(0.350)	1194742	200.000	201.01(A)
11 Bromomethane	94	2.071	2.071	(0.403)	664381	200.000	201.12(A)
12 Chloroethane	64	2.154	2.154	(0.419)	747425	200.000	201.58(A)
13 Trichlorofluoromethane	101	2.367	2.367	(0.461)	1656714	200.000	184.18
15 Acrolein	56	2.663	2.663	(0.518)	2869457	2000.00	2111.4(A)
16 Acetone	43	2.781	2.781	(0.542)	1474319	400.000	448.14(A)
17 1,1-Dichloroethene	96	2.769	2.769	(0.539)	1361815	200.000	191.21
18 Freon-113	151	2.793	2.793	(0.544)	715224	200.000	201.12(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21167.D
Report Date: 02-Jun-2004 09:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
19	Iodomethane	142	2.899	2.899	(0.565)	1888035	200.000	183.34
20	Carbon Disulfide	76	2.958	2.958	(0.576)	4772952	200.000	188.01
21	Methylene Chloride	84	3.148	3.148	(0.613)	1736826	200.000	200.44(A)
22	Acetonitrile	41	3.006	3.006	(0.585)	1745841	2000.00	1996.5
23	Acrylonitrile	53	3.325	3.325	(0.648)	6319917	2000.00	2110.6(A)
24	Methyl tert-butyl ether	73	3.384	3.384	(0.659)	5598380	200.000	205.58(A)
25	trans-1,2-Dichloroethene	96	3.384	3.384	(0.659)	1851885	200.000	198.58
26	Hexane	86	3.609	3.609	(0.703)	426942	200.000	206.92(A)
27	Vinyl acetate	43	3.739	3.739	(0.728)	2944022	200.000	196.92
28	1,1-Dichloroethane	63	3.716	3.716	(0.724)	3142007	200.000	199.65
29	tert-Butyl Alcohol	59	3.219	3.219	(0.627)	1684995	4000.00	3976.5(A)
30	2-Butanone	43	4.177	4.177	(0.813)	1953576	400.000	434.66(A)
M 31	1,2-Dichloroethene (total)	96				3772244	400.000	397.75
32	cis-1,2-dichloroethene	96	4.189	4.189	(0.816)	1920359	200.000	199.17
33	2,2-Dichloropropane	77	4.201	4.201	(0.818)	1390084	200.000	176.89
34	Bromochloromethane	128	4.390	4.390	(0.855)	875444	200.000	202.95(A)
35	Chloroform	83	4.437	4.437	(0.864)	2933501	200.000	198.52
36	Tetrahydrofuran	42	4.426	4.426	(0.862)	461201	200.000	190.15
37	1,1,1-Trichloroethane	97	4.615	4.615	(0.899)	2277236	200.000	198.48
38	1,1-Dichloropropene	75	4.745	4.745	(0.924)	2469517	200.000	201.27(A)
39	Carbon Tetrachloride	117	4.757	4.757	(0.926)	1860376	200.000	205.93(A)
40	1,2-Dichloroethane	62	4.923	4.923	(0.959)	2155180	200.000	199.53
41	Benzene	78	4.923	4.923	(0.959)	7818799	200.000	183.47
42	Trichloroethene	130	5.455	5.455	(1.062)	1900603	200.000	199.58
43	1,2-Dichloropropane	63	5.633	5.633	(1.097)	1886550	200.000	199.56
44	1,4-Dioxane	88	5.739	5.739	(1.117)	702741	10000.0	9943.4(A)
45	Dibromomethane	93	5.739	5.739	(1.117)	982900	200.000	200.66(A)
46	Bromodichloromethane	83	5.869	5.869	(1.143)	2228376	200.000	201.68(A)
47	2-Chloroethyl vinyl ether	63	6.106	6.106	(1.189)	1958161	400.000	381.10(A)
48	cis-1,3-Dichloropropene	75	6.248	6.248	(1.217)	2996170	200.000	214.15(A)
49	4-Methyl-2-pentanone	43	6.366	6.366	(1.240)	3336357	400.000	399.21(A)
50	Toluene	91	6.556	6.556	(0.839)	8134957	200.000	198.73
51	trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	2514204	200.000	222.80(A)
52	Ethyl Methacrylate	69	6.804	6.804	(0.871)	2413915	200.000	199.76
53	1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	1528452	200.000	198.03
54	1,3-Dichloropropane	76	7.053	7.053	(0.903)	2817794	200.000	198.87
55	Tetrachloroethene	164	7.064	7.064	(0.905)	1347419	200.000	197.70
56	2-Hexanone	43	7.112	7.112	(0.911)	2765835	400.000	399.29(A)
57	Dibromochloromethane	129	7.266	7.266	(0.930)	1531641	200.000	208.27(A)
58	1,2-Dibromoethane	107	7.384	7.384	(0.945)	1509383	200.000	204.98(A)
59	Chlorobenzene	112	7.833	7.833	(1.003)	4897881	200.000	194.60
60	1,1,1,2-Tetrachloroethane	131	7.904	7.904	(1.012)	1561199	200.000	207.36(A)
61	Ethylbenzene	106	7.928	7.928	(1.015)	2637050	200.000	200.20(A)
62	m + p-Xylene	106	8.046	8.046	(1.030)	6403432	400.000	394.78(A)
M 63	Xylenes (total)	106				9443012	600.000	592.30
64	Xylene-o	106	8.413	8.413	(1.077)	3039580	200.000	197.52
65	Styrene	104	8.425	8.425	(1.079)	5525528	200.000	198.29

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21167.D
Report Date: 02-Jun-2004 09:30

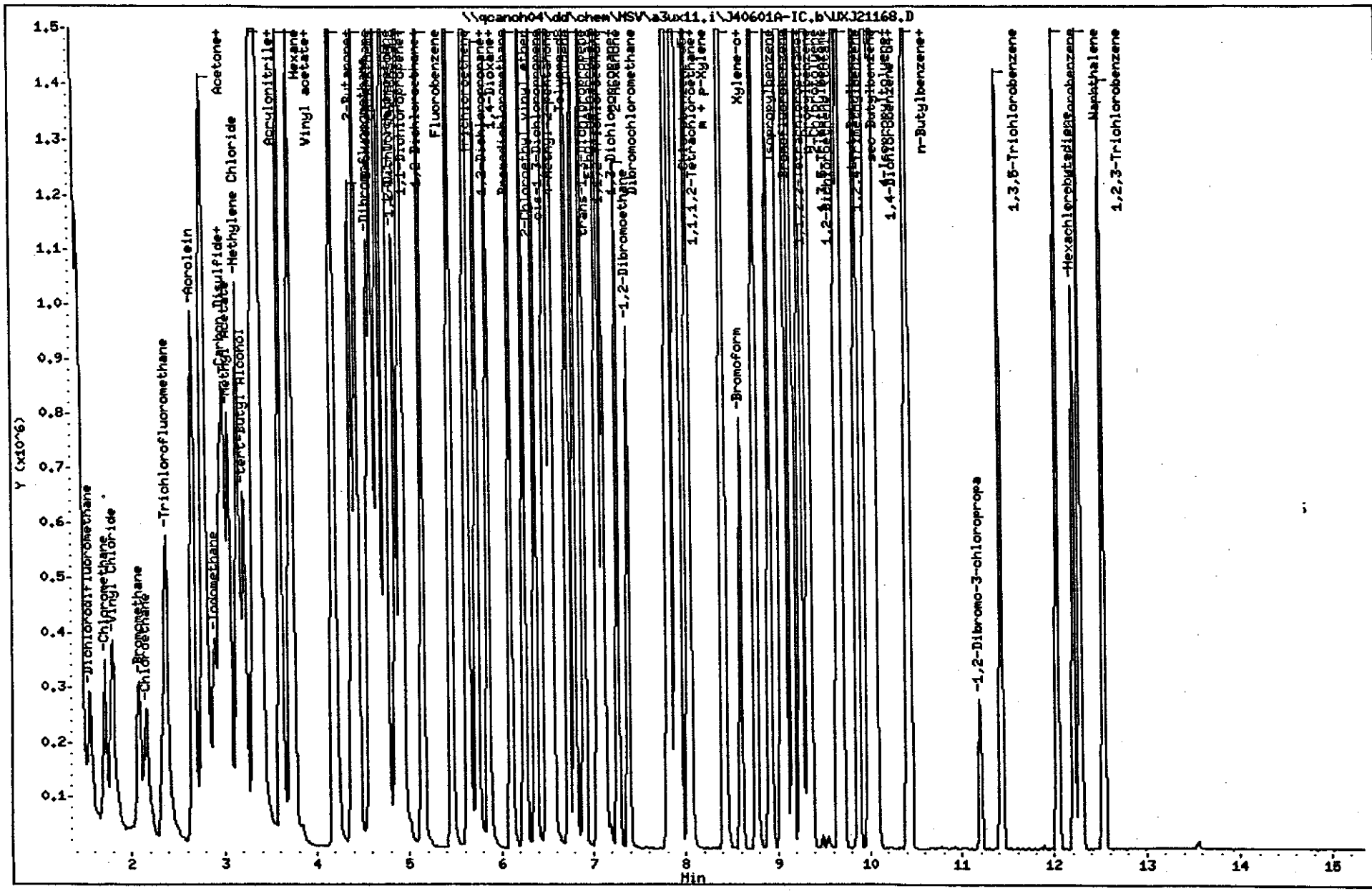
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.603	8.603	(1.102)	909216	200.000	213.21(A)
67 Isopropylbenzene	105	8.768	8.768	(1.123)	6966617	200.000	197.82
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	1621828	200.000	203.18(A)
69 1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	453322	200.000	199.75
70 1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	508744	200.000	205.10(A)
71 Bromobenzene	156	9.064	9.064	(0.902)	1742000	200.000	199.74
72 n-Propylbenzene	120	9.171	9.171	(0.913)	1807236	200.000	206.48(A)
73 2-Chlorotoluene	126	9.253	9.253	(0.921)	1621663	200.000	200.00(A)
74 1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	4825120	200.000	197.99
75 4-Chlorotoluene	126	9.360	9.360	(0.932)	1661973	200.000	200.96(A)
76 tert-Butylbenzene	119	9.656	9.656	(0.961)	3822578	200.000	188.35
77 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	4603490	200.000	192.36
78 sec-Butylbenzene	105	9.869	9.869	(0.982)	4988963	200.000	190.72
79 4-Isopropyltoluene	119	10.011	10.011	(0.996)	3675079	200.000	193.84
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	2457251	200.000	179.37
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	2527156	200.000	179.60
82 n-Butylbenzene	91	10.413	10.413	(1.037)	3007186	200.000	201.59(A)
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	2074353	200.000	179.65
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	178768	200.000	199.25
85 1,2,4-Trichlorobenzene	180	12.046	12.046	(1.199)	1096634	200.000	199.24
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	382417	200.000	199.35
87 Naphthalene	128	12.283	12.283	(1.223)	3023628	200.000	206.70(A)
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	987501	200.000	199.06
98 Cyclohexane	56	4.674	4.674	(0.910)	2900525	200.000	191.05
143 Methyl Acetate	43	3.053	3.053	(0.595)	2248133	400.000	393.30
144 Methylcyclohexane	83	5.633	5.633	(1.097)	2765262	200.000	204.58
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	1128468	200.000	202.90

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21168.D
Date : 01-JUN-2004 10:47
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18



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Report Date: 02-Jun-2004 09:31

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21168.D
Lab Smp Id: 100NG-IC
Inj Date : 01-JUN-2004 10:47
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 100NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:30 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1902033	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1321838	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	510776	50.0000	
$ 4 Dibromofluoromethane	113	4.579	4.579	(0.890)	791728	100.000	99.480
$ 5 1,2-Dichloroethane-d4	65	4.852	4.852	(0.943)	924050	100.000	98.821
$ 6 Toluene-d8	98	6.496	6.496	(0.832)	3398586	100.000	100.51
$ 7 Bromofluorobenzene	95	8.922	8.922	(1.142)	1223449	100.000	95.931
8 Dichlorodifluoromethane	85	1.550	1.550	(0.301)	497229	100.000	89.290
9 Chloromethane	50	1.704	1.704	(0.331)	586188	100.000	93.401
10 Vinyl Chloride	62	1.799	1.799	(0.349)	642273	100.000	94.328
11 Bromomethane	94	2.083	2.083	(0.405)	351207	100.000	93.619
12 Chloroethane	64	2.166	2.166	(0.421)	386374	100.000	89.887
13 Trichlorofluoromethane	101	2.379	2.379	(0.462)	813963	100.000	89.777
15 Acrolein	56	2.662	2.662	(0.517)	1500656	1000.00	1095.5
16 Acetone	43	2.781	2.781	(0.540)	687095	200.000	207.21(A)
17 1,1-Dichloroethene	96	2.769	2.769	(0.538)	646995	100.000	90.128
18 Freon-113	151	2.793	2.793	(0.543)	372903	100.000	93.432

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21168.D
Report Date: 02-Jun-2004 09:31

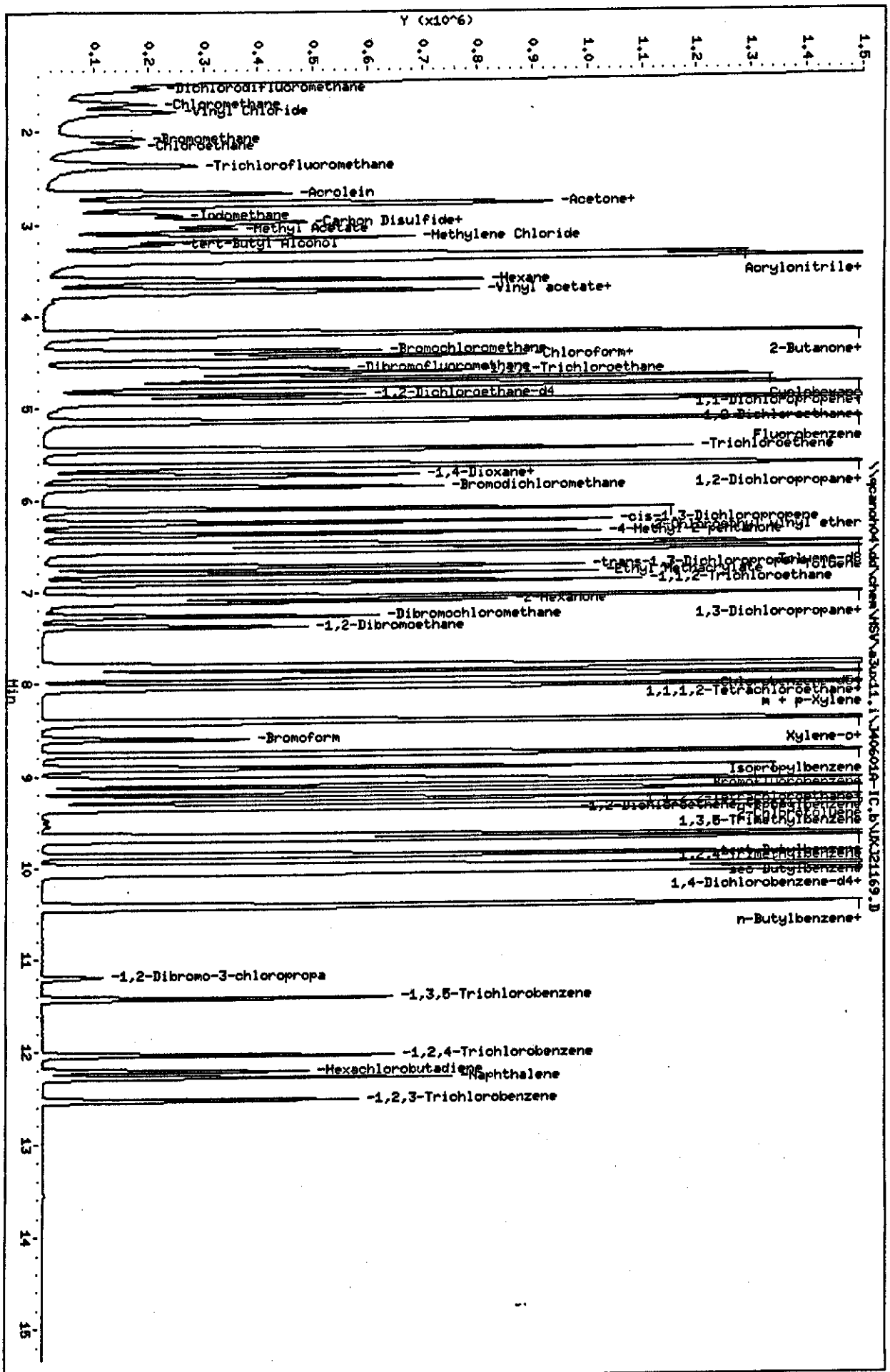
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.899	2.899	(0.563)	869800	100.000	83.798
	20 Carbon Disulfide	76	2.970	2.970	(0.577)	2199498	100.000	85.959
	21 Methylene Chloride	84	3.148	3.148	(0.612)	866667	100.000	96.900
	22 Acetonitrile	41	3.006	3.006	(0.584)	795622	1000.00	1023.2
	23 Acrylonitrile	53	3.337	3.337	(0.648)	3298952	1000.00	1093.0
	24 Methyl tert-butyl ether	73	3.384	3.384	(0.658)	2862567	100.000	104.29
	25 trans-1,2-Dichloroethene	96	3.384	3.384	(0.658)	918019	100.000	97.667
	26 Hexane	86	3.609	3.609	(0.701)	205923	100.000	99.015
	27 Vinyl acetate	43	3.739	3.739	(0.726)	1729088	100.000	114.74
	28 1,1-Dichloroethane	63	3.716	3.716	(0.722)	1574099	100.000	99.236
	29 tert-Butyl Alcohol	59	3.230	3.230	(0.628)	900322	2000.00	2105.1(A)
	30 2-Butanone	43	4.189	4.189	(0.814)	985631	200.000	217.57(A)
M	31 1,2-Dichloroethene (total)	96				1879209	200.000	196.57
	32 cis-1,2-dichloroethene	96	4.189	4.189	(0.814)	961190	100.000	98.904
	33 2,2-Dichloropropane	77	4.201	4.201	(0.816)	726921	100.000	91.772
	34 Bromochloromethane	128	4.390	4.390	(0.853)	438647	100.000	100.89
	35 Chloroform	83	4.449	4.449	(0.864)	1476137	100.000	99.111
	36 Tetrahydrofuran	42	4.426	4.426	(0.860)	249830	100.000	102.19
	37 1,1,1-Trichloroethane	97	4.615	4.615	(0.897)	1143950	100.000	98.918
	38 1,1-Dichloropropene	75	4.745	4.745	(0.922)	1230329	100.000	99.482
	39 Carbon Tetrachloride	117	4.757	4.757	(0.924)	906710	100.000	99.574
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	1098306	100.000	100.88
	41 Benzene	78	4.923	4.923	(0.956)	3933189	100.000	91.567
	42 Trichloroethene	130	5.455	5.455	(1.060)	941448	100.000	98.084
	43 1,2-Dichloropropane	63	5.644	5.644	(1.097)	942576	100.000	98.919
	44 1,4-Dioxane	88	5.739	5.739	(1.115)	365845	5000.00	5266.1(A)
	45 Dibromomethane	93	5.739	5.739	(1.115)	500601	100.000	101.39
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	1114974	100.000	100.12
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	1146667	200.000	221.41(A)
	48 cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	1464188	100.000	103.83
	49 4-Methyl-2-pentanone	43	6.366	6.366	(1.237)	1695085	200.000	204.28(A)
	50 Toluene	91	6.556	6.556	(0.839)	4077031	100.000	98.532
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	1238392	100.000	108.57
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	1229700	100.000	101.31
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	796626	100.000	102.11
	54 1,3-Dichloropropane	76	7.053	7.053	(0.903)	1446146	100.000	100.97
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	669432	100.000	97.173
	56 2-Hexanone	43	7.112	7.112	(0.911)	1359928	200.000	204.12(A)
	57 Dibromochloromethane	129	7.265	7.265	(0.930)	774524	100.000	104.19
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	772981	100.000	103.85
	59 Chlorobenzene	112	7.833	7.833	(1.003)	2457857	100.000	96.606
	60 1,1,1,2-Tetrachloroethane	131	7.904	7.904	(1.012)	774005	100.000	101.70
	61 Ethylbenzene	106	7.928	7.928	(1.015)	1325317	100.000	99.539
	62 m + p-Xylene	106	8.046	8.046	(1.030)	3243500	200.000	197.83
M	63 Xylenes (total)	106				4797421	300.000	297.72
	64 Xylene-o	106	8.413	8.413	(1.077)	1553921	100.000	99.895
	65 Styrene	104	8.425	8.425	(1.079)	2833853	100.000	100.61

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21168.D
Report Date: 02-Jun-2004 09:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.603	8.603	(1.102)	470940	100.000	109.25
67 Isopropylbenzene	105	8.768	8.768	(1.123)	3608709	100.000	101.37
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	917027	100.000	106.86
69 1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	236061	100.000	101.48
70 1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	279227	100.000	104.71
71 Bromobenzene	156	9.076	9.076	(0.903)	907290	100.000	96.765
72 n-Propylbenzene	120	9.171	9.171	(0.913)	942679	100.000	100.18
73 2-Chlorotoluene	126	9.253	9.253	(0.921)	855942	100.000	98.190
74 1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	2663797	100.000	101.67
75 4-Chlorotoluene	126	9.360	9.360	(0.932)	883434	100.000	99.358
76 tert-Butylbenzene	119	9.656	9.656	(0.961)	2194655	100.000	100.58
77 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	2629409	100.000	102.20
78 sec-Butylbenzene	105	9.869	9.869	(0.982)	2900450	100.000	103.13
79 4-Isopropyltoluene	119	10.011	10.011	(0.996)	2135345	100.000	104.76
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	1377529	100.000	93.528
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	1435810	100.000	94.910
82 n-Butylbenzene	91	10.413	10.413	(1.037)	1688001	100.000	105.25
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	1170775	100.000	94.310
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	99401	100.000	103.66
85 1,2,4-Trichlorobenzene	180	12.034	12.034	(1.198)	599336	100.000	104.04
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	227261	100.000	102.98
87 Naphthalene	128	12.283	12.283	(1.223)	1723189	100.000	109.57
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	555015	100.000	104.63
98 Cyclohexane	56	4.674	4.674	(0.908)	1449155	100.000	94.699
143 Methyl Acetate	43	3.053	3.053	(0.593)	1210598	200.000	210.12
144 Methylcyclohexane	83	5.633	5.633	(1.094)	1373430	100.000	100.81
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	594335	100.000	99.395

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.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Date : 01-JAN-2004 11:10
Client ID:
Sample Info: 50NC-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane
-Chloromethane
-Vinyl chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide+
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
Acrylonitrile+
-Hexane
-Vinyl acetate+
-Bromochloromethane
Chloroform+
2-Butanone+
-Dibromofluoromethane
1,1,1-Trichloroethane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
Cyclohexane
1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Ethyl ether
-trans-1,3-Dichloropropene
Toluene-d8
Ethyl Methacrylate
Toluene
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane
Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene
4-Chlorotoluene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21169.D
Report Date: 02-Jun-2004 09:31

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21169.D
Lab Smp Id: 50NG-IC
Inj Date : 01-JUN-2004 11:10
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 50NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:31 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1929758	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1347005	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	527001	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	403918	50.0000	50.023
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	486689	50.0000	51.300
$	6 Toluene-d8	98	6.496	6.496	(0.832)	1735334	50.0000	50.364
$	7 Bromofluorobenzene	95	8.922	8.922	(1.142)	627094	50.0000	48.252
	8 Dichlorodifluoromethane	85	1.538	1.538	(0.299)	290753	50.0000	51.462
	9 Chloromethane	50	1.704	1.704	(0.331)	367684	50.0000	54.089
	10 Vinyl Chloride	62	1.787	1.787	(0.347)	403700	50.0000	54.116
	11 Bromomethane	94	2.083	2.083	(0.405)	220811	50.0000	53.826
	12 Chloroethane	64	2.154	2.154	(0.418)	261234	50.0000	55.524
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	462513	50.0000	50.280
	15 Acrolein	56	2.674	2.674	(0.520)	703564	500.000	506.23
	16 Acetone	43	2.793	2.793	(0.543)	311477	100.000	92.583
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	367123	50.0000	50.406
	18 Freon-113	151	2.793	2.793	(0.543)	233622	50.0000	54.028

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21169.D
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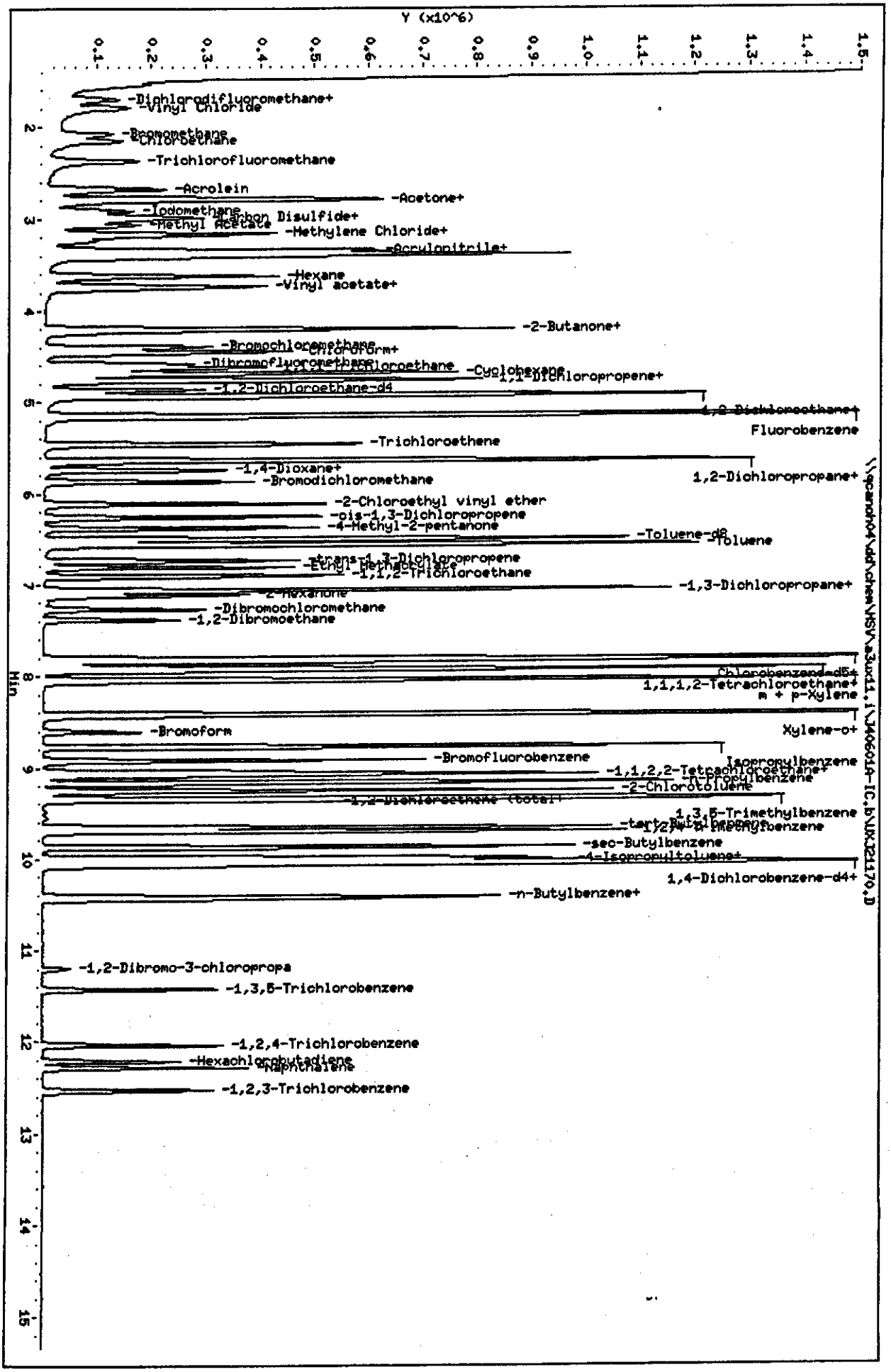
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
19	Iodomethane	142	2.911	2.911	(0.566)	522663	50.0000	49.631
20	Carbon Disulfide	76	2.970	2.970	(0.577)	1287504	50.0000	49.594
21	Methylene Chloride	84	3.160	3.160	(0.614)	521749	50.0000	53.014
22	Acetonitrile	41	3.018	3.018	(0.586)	334259	500.000	467.18
23	Acrylonitrile	53	3.337	3.337	(0.648)	1546426	500.000	505.02
24	Methyl tert-butyl ether	73	3.384	3.384	(0.658)	1410363	50.0000	50.646
25	trans-1,2-Dichloroethene	96	3.384	3.384	(0.658)	479132	50.0000	50.242
26	Hexane	86	3.621	3.621	(0.703)	106820	50.0000	50.625
27	Vinyl acetate	43	3.751	3.751	(0.729)	833384	50.0000	54.509
28	1,1-Dichloroethane	63	3.728	3.728	(0.724)	811867	50.0000	50.447
29	tert-Butyl Alcohol	59	3.231	3.231	(0.628)	334204	1000.00	850.14
30	2-Butanone	43	4.189	4.189	(0.814)	459668	100.000	100.01
M 31	1,2-Dichloroethene (total)	96				975723	100.000	100.60
32	cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	496591	50.0000	50.364
33	2,2-Dichloropropane	77	4.201	4.201	(0.816)	423120	50.0000	52.651
34	Bromochloromethane	128	4.390	4.390	(0.853)	219615	50.0000	49.785
35	Chloroform	83	4.449	4.449	(0.864)	753830	50.0000	49.886
36	Tetrahydrofuran	42	4.437	4.437	(0.862)	123111	50.0000	49.635
37	1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	604589	50.0000	51.528
38	1,1-Dichloropropene	75	4.757	4.757	(0.924)	638072	50.0000	50.852
39	Carbon Tetrachloride	117	4.769	4.769	(0.926)	479301	50.0000	51.880
40	1,2-Dichloroethane	62	4.923	4.923	(0.956)	549669	50.0000	49.763
41	Benzene	78	4.923	4.923	(0.956)	2048095	50.0000	46.996
42	Trichloroethene	130	5.455	5.455	(1.060)	490806	50.0000	50.399
43	1,2-Dichloropropane	63	5.644	5.644	(1.097)	482814	50.0000	49.941
44	1,4-Dioxane	88	5.751	5.751	(1.117)	131190	2500.00	2091.4(A)
45	Dibromomethane	93	5.739	5.739	(1.115)	251675	50.0000	50.243
46	Bromodichloromethane	83	5.869	5.869	(1.140)	561209	50.0000	49.669
47	2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	561475	100.000	106.86
48	cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	740385	50.0000	51.748
49	4-Methyl-2-pentanone	43	6.378	6.378	(1.239)	765464	100.000	94.549
50	Toluene	91	6.556	6.556	(0.839)	2094502	50.0000	49.673
51	trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	602699	50.0000	51.850
52	Ethyl Methacrylate	69	6.804	6.804	(0.871)	584576	50.0000	48.594
53	1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	397253	50.0000	49.966
54	1,3-Dichloropropane	76	7.053	7.053	(0.903)	732809	50.0000	50.210
55	Tetrachloroethene	164	7.064	7.064	(0.905)	352928	50.0000	50.273
56	2-Hexanone	43	7.112	7.112	(0.911)	601331	100.000	94.395
57	Dibromochloromethane	129	7.266	7.266	(0.930)	385685	50.0000	50.914
58	1,2-Dibromoethane	107	7.384	7.384	(0.945)	383377	50.0000	50.545
59	Chlorobenzene	112	7.834	7.834	(1.003)	1271713	50.0000	49.051
60	1,1,1,2-Tetrachloroethane	131	7.905	7.905	(1.012)	394111	50.0000	50.818
61	Ethylbenzene	106	7.928	7.928	(1.015)	685965	50.0000	50.557
62	m + p-Xylene	106	8.047	8.047	(1.030)	1692365	100.000	101.29
M 63	Xylenes (total)	106				2500771	150.000	152.29
64	Xylene-o	106	8.413	8.413	(1.077)	808406	50.0000	50.998
65	Styrene	104	8.425	8.425	(1.079)	1443878	50.0000	50.303

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21169.D
Report Date: 02-Jun-2004 09:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.603	8.603	(1.102)	223381	50.0000	50.854
67 Isopropylbenzene	105	8.768	8.768	(1.123)	1837722	50.0000	50.660
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	444994	50.0000	50.258
69 1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	109983	50.0000	48.221
70 1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	134684	50.0000	48.950
71 Bromobenzene	156	9.076	9.076	(0.903)	464218	50.0000	47.986
72 n-Propylbenzene	120	9.171	9.171	(0.913)	489802	50.0000	50.449
73 2-Chlorotoluene	126	9.253	9.253	(0.921)	444233	50.0000	49.392
74 1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	1385985	50.0000	51.270
75 4-Chlorotoluene	126	9.360	9.360	(0.932)	459059	50.0000	50.040
76 tert-Butylbenzene	119	9.656	9.656	(0.961)	1128813	50.0000	50.142
77 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	1368704	50.0000	51.559
78 sec-Butylbenzene	105	9.869	9.869	(0.982)	1509658	50.0000	52.027
79 4-Isopropyltoluene	119	10.011	10.011	(0.996)	1092605	50.0000	51.952
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	721390	50.0000	47.471
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	748262	50.0000	47.939
82 n-Butylbenzene	91	10.413	10.413	(1.037)	838614	50.0000	50.680
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	601468	50.0000	46.959
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	42363	50.0000	45.382
85 1,2,4-Trichlorobenzene	180	12.034	12.034	(1.198)	254723	50.0000	43.888
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	111625	50.0000	46.617
87 Naphthalene	128	12.283	12.283	(1.223)	699336	50.0000	43.100
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	230161	50.0000	42.819
98 Cyclohexane	56	4.686	4.686	(0.910)	803833	50.0000	51.774
143 Methyl Acetate	43	3.065	3.065	(0.595)	571601	100.000	97.785
144 Methylcyclohexane	83	5.633	5.633	(1.094)	715105	50.0000	51.734
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	267689	50.0000	43.389

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcandn04\dd\chem\VSV\a3ud1.i\J406014-IC.b\UX21170.D
Date : 01-JUN-2004 11:34
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ud1.i
Operator: 43682
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide+
-Methyl Acetate
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane
-1,1,1-Trichloroethane
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,2-Dichloroethene (total)+
1,3,5-Trimethylbenzene
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21170.D
Report Date: 02-Jun-2004 09:32

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21170.D
Lab Smp Id: 25NG-IC
Inj Date : 01-JUN-2004 11:34
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 25NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:32 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	5.148	5.148	(1.000)	1978687	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1389655	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	544885	50.0000	
$	4 Dibromofluoromethane	113	4.580	4.580	(0.890)	205642	25.0000	24.838
$	5 1,2-Dichloroethane-d4	65	4.864	4.864	(0.945)	247113	25.0000	25.403
$	6 Toluene-d8	98	6.508	6.508	(0.833)	891971	25.0000	25.093
$	7 Bromofluorobenzene	95	8.922	8.922	(1.142)	326167	25.0000	24.327
	8 Dichlorodifluoromethane	85	1.538	1.538	(0.299)	169918	25.0000	29.331
	9 Chloromethane	50	1.692	1.692	(0.329)	235276	25.0000	31.173
	10 Vinyl Chloride	62	1.787	1.787	(0.347)	243119	25.0000	29.202
	11 Bromomethane	94	2.071	2.071	(0.402)	140593	25.0000	30.814
	12 Chloroethane	64	2.142	2.142	(0.416)	177608	25.0000	33.820
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	268983	25.0000	28.518
	15 Acrolein	56	2.674	2.674	(0.520)	357640	250.000	250.96
	16 Acetone	43	2.793	2.793	(0.543)	164828	50.0000	47.782
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	203656	25.0000	27.271
	18 Freon-113	151	2.793	2.793	(0.543)	148421	25.0000	31.195

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21170.D
Report Date: 02-Jun-2004 09:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.911	2.911	(0.566)	308008	25.0000	28.525
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	725929	25.0000	27.271
	21 Methylene Chloride	84	3.160	3.160	(0.614)	327100	25.0000	27.470
	22 Acetonitrile	41	3.018	3.018	(0.586)	152833	250.000	234.31
	23 Acrylonitrile	53	3.337	3.337	(0.648)	788110	250.000	251.01
	24 Methyl tert-butyl ether	73	3.396	3.396	(0.660)	723267	25.0000	25.330
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	247315	25.0000	25.292
	26 Hexane	86	3.621	3.621	(0.703)	55602	25.0000	25.700
	27 Vinyl acetate	43	3.751	3.751	(0.729)	396500	25.0000	25.293
	28 1,1-Dichloroethane	63	3.728	3.728	(0.724)	422691	25.0000	25.615
	29 tert-Butyl Alcohol	59	3.231	3.231	(0.628)	139446	500.000	436.76
	30 2-Butanone	43	4.189	4.189	(0.814)	237769	50.0000	50.452
M	31 1,2-Dichloroethene (total)	96				502646	50.0000	50.547
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	255331	25.0000	25.255
	33 2,2-Dichloropropane	77	4.213	4.213	(0.818)	228951	25.0000	27.785
	34 Bromochloromethane	128	4.390	4.390	(0.853)	114934	25.0000	25.410
	35 Chloroform	83	4.449	4.449	(0.864)	394449	25.0000	25.458
	36 Tetrahydrofuran	42	4.438	4.438	(0.862)	59134	25.0000	23.252
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	313524	25.0000	26.060
	38 1,1-Dichloropropene	75	4.757	4.757	(0.924)	326254	25.0000	25.358
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	244833	25.0000	25.846
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	288747	25.0000	25.494
	41 Benzene	78	4.923	4.923	(0.956)	1089561	25.0000	24.383
	42 Trichloroethene	130	5.467	5.467	(1.062)	251607	25.0000	25.198
	43 1,2-Dichloropropane	63	5.645	5.645	(1.097)	255859	25.0000	25.811
	44 1,4-Dioxane	88	5.751	5.751	(1.117)	55499	1250.00	1081.6(A)
	45 Dibromomethane	93	5.739	5.739	(1.115)	130115	25.0000	25.333
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	291788	25.0000	25.186
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	273762	50.0000	50.812
	48 cis-1,3-Dichloropropene	75	6.260	6.260	(1.216)	372445	25.0000	25.388
	49 4-Methyl-2-pentanone	43	6.378	6.378	(1.239)	367957	50.0000	47.841
	50 Toluene	91	6.567	6.567	(0.841)	1086187	25.0000	24.970
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	290486	25.0000	24.223
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	278392	25.0000	23.934
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	207532	25.0000	25.302
	54 1,3-Dichloropropane	76	7.053	7.053	(0.903)	374047	25.0000	24.842
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	183728	25.0000	25.368
	56 2-Hexanone	43	7.112	7.112	(0.911)	287434	50.0000	48.224
	57 Dibromochloromethane	129	7.266	7.266	(0.930)	192334	25.0000	24.611
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	195925	25.0000	25.038
	59 Chlorobenzene	112	7.834	7.834	(1.003)	676586	25.0000	25.296
	60 1,1,1,2-Tetrachloroethane	131	7.905	7.905	(1.012)	203286	25.0000	25.408
	61 Ethylbenzene	106	7.940	7.940	(1.017)	354634	25.0000	25.335
	62 m + p-Xylene	106	8.047	8.047	(1.030)	872977	50.0000	50.646
M	63 Xylenes (total)	106				1292369	75.0000	76.291
	64 Xylene-o	106	8.425	8.425	(1.079)	419392	25.0000	25.645
	65 Styrene	104	8.425	8.425	(1.079)	751554	25.0000	25.380

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21170.D
Report Date: 02-Jun-2004 09:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Bromoform	173	8.615	8.615	(1.103)	113242	25.0000	24.989
67	Isopropylbenzene	105	8.768	8.768	(1.123)	955842	25.0000	25.541
68	1,1,2,2-Tetrachloroethane	83	9.041	9.041	(0.900)	224924	25.0000	24.569
69	1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	52265	25.0000	23.948
70	1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	72811	25.0000	25.594
71	Bromobenzene	156	9.076	9.076	(0.903)	250286	25.0000	25.023
72	n-Propylbenzene	120	9.171	9.171	(0.913)	253594	25.0000	25.262
73	2-Chlorotoluene	126	9.254	9.254	(0.921)	233823	25.0000	25.144
74	1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	723210	25.0000	25.874
75	4-Chlorotoluene	126	9.360	9.360	(0.932)	239093	25.0000	25.207
76	tert-Butylbenzene	119	9.656	9.656	(0.961)	594522	25.0000	25.542
77	1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	712165	25.0000	25.947
78	sec-Butylbenzene	105	9.869	9.869	(0.982)	785607	25.0000	26.186
79	4-Isopropyltoluene	119	10.011	10.011	(0.996)	573578	25.0000	26.378
80	1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	395243	25.0000	25.155
81	1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	400554	25.0000	24.820
82	n-Butylbenzene	91	10.413	10.413	(1.037)	431201	25.0000	25.203
83	1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	329918	25.0000	24.912
84	1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	18624	25.0000	22.207
85	1,2,4-Trichlorobenzene	180	12.046	12.046	(1.199)	134861	25.0000	22.932
86	Hexachlorobutadiene	225	12.212	12.212	(1.216)	58144	25.0000	22.755
87	Naphthalene	128	12.283	12.283	(1.223)	358750	25.0000	21.384
88	1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	124295	25.0000	22.985
98	Cyclohexane	56	4.686	4.686	(0.910)	431227	25.0000	27.088
143	Methyl Acetate	43	3.065	3.065	(0.595)	300641	50.0000	50.160
144	Methylcyclohexane	83	5.645	5.645	(1.097)	365652	25.0000	25.799
141	1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	137863	25.0000	21.613

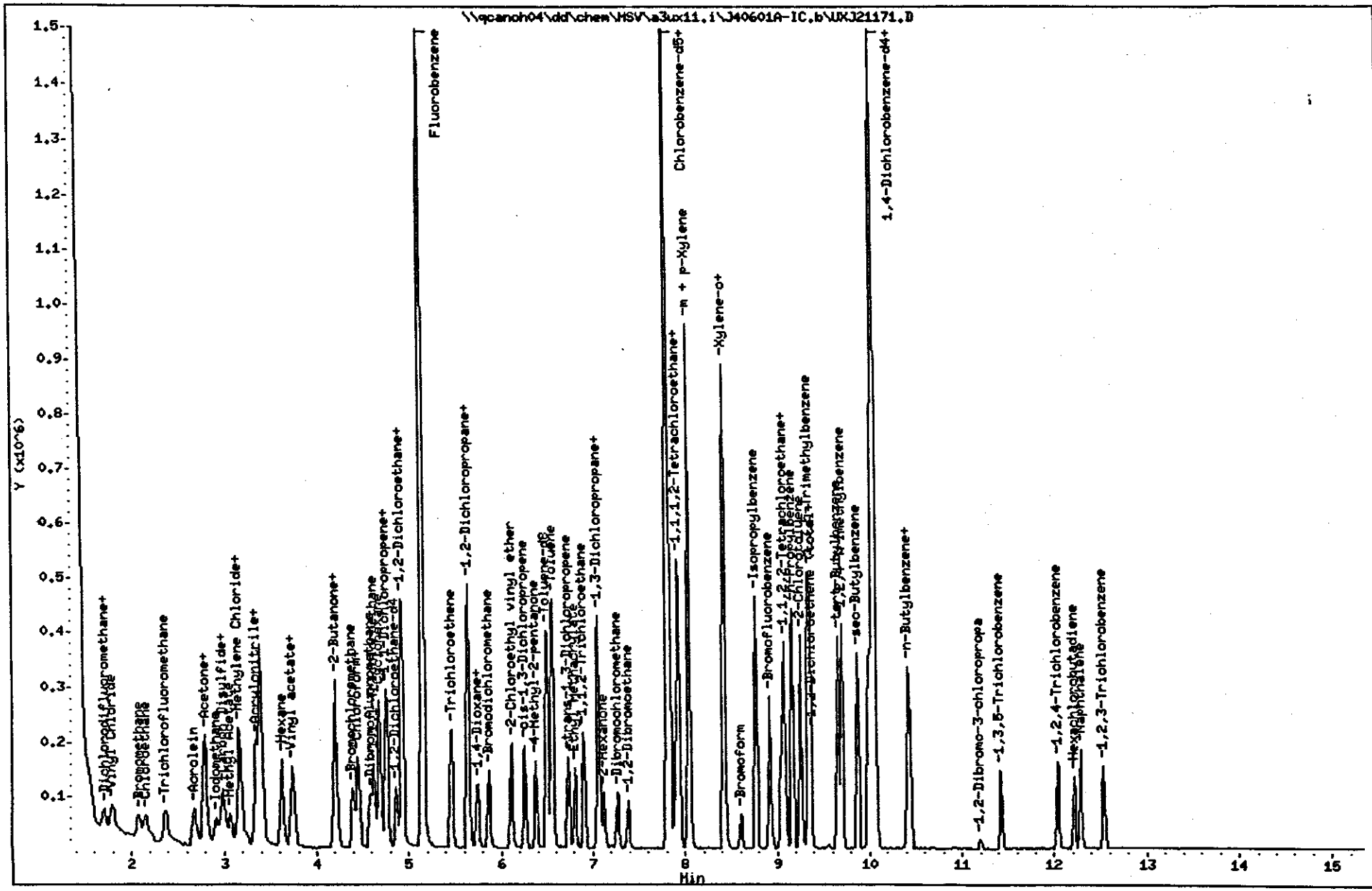
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40601A-IC.b\UXJ21171.D
Date : 01-JUN-2004 11:57
Client ID:
Sample Info: 10NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i

Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21171.D
Report Date: 02-Jun-2004 09:32

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21171.D
Lab Smp Id: 10NG-IC
Inj Date : 01-JUN-2004 11:57
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 10NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:32 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1921760	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1320514	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	534468	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	78539	10.0000	9.767
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	93679	10.0000	9.915
$	6 Toluene-d8	98	6.508	6.508	(0.833)	330645	10.0000	9.789
$	7 Bromofluorobenzene	95	8.922	8.922	(1.142)	129873	10.0000	10.194
	8 Dichlorodifluoromethane	85	1.538	1.538	(0.299)	59294	10.0000	10.538
	9 Chloromethane	50	1.704	1.704	(0.331)	89333	10.0000	8.788
	10 Vinyl Chloride	62	1.787	1.787	(0.347)	93244	10.0000	9.100
	11 Bromomethane	94	2.083	2.083	(0.405)	53468	10.0000	9.064
	12 Chloroethane	64	2.154	2.154	(0.418)	64541	10.0000	8.663
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	97607	10.0000	10.655
	15 Acrolein	56	2.674	2.674	(0.520)	118152	100.000	85.366
	16 Acetone	43	2.793	2.793	(0.543)	53076	20.0000	15.842
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	73209	10.0000	10.093
	18 Freon-113	151	2.793	2.793	(0.543)	50088	10.0000	8.065

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21171.D
Report Date: 02-Jun-2004 09:32

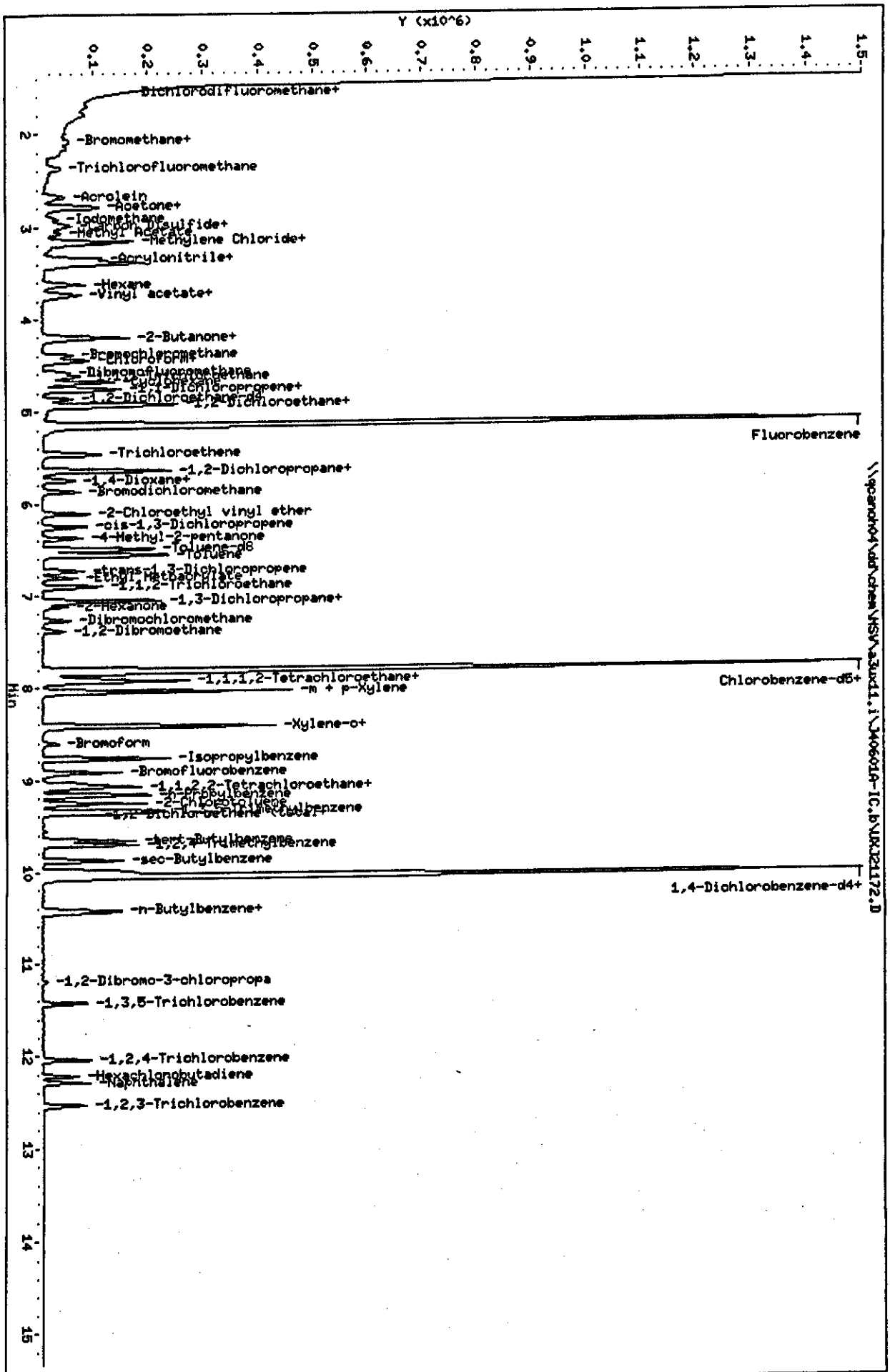
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	19 Iodomethane	142	2.911	2.911	(0.566)	107870	10.0000	10.286
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	267792	10.0000	10.358
	21 Methylene Chloride	84	3.159	3.159	(0.614)	173278	10.0000	8.906
	22 Acetonitrile	41	3.017	3.017	(0.586)	46208	100.000	101.57
	23 Acrylonitrile	53	3.349	3.349	(0.651)	262486	100.000	86.078
	24 Methyl tert-butyl ether	73	3.396	3.396	(0.660)	263568	10.0000	9.504
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	93952	10.0000	9.893
	26 Hexane	86	3.621	3.621	(0.703)	20317	10.0000	9.669
	27 Vinyl acetate	43	3.751	3.751	(0.729)	134654	10.0000	8.844
	28 1,1-Dichloroethane	63	3.727	3.727	(0.724)	156006	10.0000	9.734
	29 tert-Butyl Alcohol	59	3.242	3.242	(0.630)	35556	200.000	230.70
	30 2-Butanone	43	4.189	4.189	(0.814)	76683	20.0000	16.753
M	31 1,2-Dichloroethene (total)	96				191560	20.0000	19.833
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	97608	10.0000	9.940
	33 2,2-Dichloropropane	77	4.213	4.213	(0.818)	78807	10.0000	9.847
	34 Bromochloromethane	128	4.402	4.402	(0.855)	43063	10.0000	9.803
	35 Chloroform	83	4.449	4.449	(0.864)	147097	10.0000	9.775
	36 Tetrahydrofuran	42	4.437	4.437	(0.862)	22022	10.0000	8.916
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	113510	10.0000	9.714
	38 1,1-Dichloropropene	75	4.757	4.757	(0.924)	123390	10.0000	9.875
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	86635	10.0000	9.416
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	105439	10.0000	9.585
	41 Benzene	78	4.923	4.923	(0.956)	433448	10.0000	9.987
	42 Trichloroethene	130	5.467	5.467	(1.062)	94491	10.0000	9.743
	43 1,2-Dichloropropane	63	5.644	5.644	(1.097)	94898	10.0000	9.857
	44 1,4-Dioxane	88	5.739	5.739	(1.115)	19448	500.000	629.76(A)
	45 Dibromomethane	93	5.739	5.739	(1.115)	48186	10.0000	9.660
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	110764	10.0000	9.844
	47 2-Chloroethyl vinyl ether	63	6.118	6.118	(1.188)	100826	20.0000	19.268
	48 cis-1,3-Dichloropropene	75	6.260	6.260	(1.216)	131354	10.0000	9.219
	49 4-Methyl-2-pentanone	43	6.378	6.378	(1.239)	121282	20.0000	20.620
	50 Toluene	91	6.567	6.567	(0.841)	421820	10.0000	10.205
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	104348	10.0000	9.157
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	93081	10.0000	10.274
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	77433	10.0000	9.935
	54 1,3-Dichloropropane	76	7.052	7.052	(0.903)	141541	10.0000	9.892
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	67883	10.0000	9.864
	56 2-Hexanone	43	7.123	7.123	(0.912)	84183	20.0000	20.362
	57 Dibromochloromethane	129	7.265	7.265	(0.930)	71173	10.0000	9.584
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	72360	10.0000	9.731
	59 Chlorobenzene	112	7.833	7.833	(1.003)	255318	10.0000	10.045
	60 1,1,1,2-Tetrachloroethane	131	7.904	7.904	(1.012)	73785	10.0000	9.705
	61 Ethylbenzene	106	7.940	7.940	(1.017)	132239	10.0000	9.942
	62 m + p-Xylene	106	8.046	8.046	(1.030)	330606	20.0000	20.184
M	63 Xylenes (total)	106				483554	30.0000	30.027
	64 Xylene-o	106	8.425	8.425	(1.079)	152948	10.0000	9.842
	65 Styrene	104	8.425	8.425	(1.079)	282200	10.0000	10.029

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21171.D
Report Date: 02-Jun-2004 09:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.603	8.603	(1.102)	40018	10.0000	9.293
67 Isopropylbenzene	105	8.768	8.768	(1.123)	354851	10.0000	9.978
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	85182	10.0000	9.486
69 1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	17694	10.0000	10.276
70 1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	26544	10.0000	9.512
71 Bromobenzene	156	9.076	9.076	(0.903)	95829	10.0000	9.767
72 n-Propylbenzene	120	9.171	9.171	(0.913)	92934	10.0000	9.438
73 2-Chlorotoluene	126	9.253	9.253	(0.921)	88267	10.0000	9.677
74 1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	267422	10.0000	9.754
75 4-Chlorotoluene	126	9.360	9.360	(0.932)	92476	10.0000	9.940
76 tert-Butylbenzene	119	9.656	9.656	(0.961)	220372	10.0000	9.652
77 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	267116	10.0000	9.922
78 sec-Butylbenzene	105	9.869	9.869	(0.982)	293597	10.0000	9.977
79 4-Isopropyltoluene	119	10.011	10.011	(0.996)	213093	10.0000	9.991
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	158129	10.0000	10.260
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	162167	10.0000	10.244
82 n-Butylbenzene	91	10.413	10.413	(1.037)	166972	10.0000	9.950
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	135658	10.0000	10.443
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	6683	10.0000	11.414
85 1,2,4-Trichlorobenzene	180	12.046	12.046	(1.199)	66686	10.0000	11.948
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	30427	10.0000	11.790
87 Naphthalene	128	12.283	12.283	(1.223)	169624	10.0000	10.308
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	63317	10.0000	12.563
98 Cyclohexane	56	4.686	4.686	(0.910)	152854	10.0000	9.886
143 Methyl Acetate	43	3.065	3.065	(0.595)	105505	20.0000	18.124
144 Methylcyclohexane	83	5.644	5.644	(1.097)	131864	10.0000	9.579
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	63011	10.0000	10.071

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.



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Date : 01-JUN-2004 12:21
Client ID:
Sample Info: 5ME-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ud11.i
Operator: 43582
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21172.D
Report Date: 02-Jun-2004 09:33

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21172.D
Lab Smp Id: 5NG-IC
Inj Date : 01-JUN-2004 12:21
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 5NG-IC
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:33 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1878111	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1319212	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	486975	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	40607	5.00000	5.167
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	46735	5.00000	5.062
$	6 Toluene-d8	98	6.496	6.496	(0.832)	168058	5.00000	4.980
$	7 Bromofluorobenzene	95	8.922	8.922	(1.142)	73840	5.00000	5.801
	8 Dichlorodifluoromethane	85	1.550	1.550	(0.301)	27558	5.00000	5.012
	9 Chloromethane	50	1.704	1.704	(0.331)	41727	5.00000	1.462
	10 Vinyl Chloride	62	1.799	1.799	(0.349)	41355	5.00000	2.239
	11 Bromomethane	94	2.071	2.071	(0.402)	23129	5.00000	1.552
	12 Chloroethane	64	2.166	2.166	(0.421)	27307	5.00000	0.5289
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	43396	5.00000	4.847
	15 Acrolein	56	2.674	2.674	(0.520)	66200	50.0000	48.942
	16 Acetone	43	2.793	2.793	(0.543)	38311	10.0000	11.701
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	36660	5.00000	5.172
	18 Freon-113	151	2.781	2.781	(0.540)	24722	5.00000	2.164

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21172.D
Report Date: 02-Jun-2004 09:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.911	2.911	(0.566)	55505	5.00000	5.416
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	136659	5.00000	5.409
	21 Methylene Chloride	84	3.159	3.159	(0.614)	126865	5.00000	3.270
	22 Acetonitrile	41	3.017	3.017	(0.586)	27076	50.0000	77.262
	23 Acrylonitrile	53	3.337	3.337	(0.648)	145547	50.0000	48.839
	24 Methyl tert-butyl ether	73	3.396	3.396	(0.660)	129095	5.00000	4.763
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	47548	5.00000	5.123
	26 Hexane	86	3.621	3.621	(0.703)	9938	5.00000	4.839
	27 Vinyl acetate	43	3.751	3.751	(0.729)	65595	5.00000	4.408
	28 1,1-Dichloroethane	63	3.727	3.727	(0.724)	78501	5.00000	5.012
	29 tert-Butyl Alcohol	59	3.242	3.242	(0.630)	20514	100.000	200.82
	30 2-Butanone	43	4.189	4.189	(0.814)	43778	10.0000	9.787
M	31 1,2-Dichloroethene (total)	96				95701	10.0000	10.141
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	48153	5.00000	5.018
	33 2,2-Dichloropropane	77	4.201	4.201	(0.816)	41011	5.00000	5.244
	34 Bromochloromethane	128	4.402	4.402	(0.855)	21122	5.00000	4.920
	35 Chloroform	83	4.449	4.449	(0.864)	75202	5.00000	5.114
	36 Tetrahydrofuran	42	4.437	4.437	(0.862)	14640	5.00000	6.065
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	55610	5.00000	4.870
	38 1,1-Dichloropropene	75	4.757	4.757	(0.924)	59838	5.00000	4.900
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	43228	5.00000	4.808
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	54824	5.00000	5.100
	41 Benzene	78	4.934	4.934	(0.959)	265721	5.00000	6.265
	42 Trichloroethene	130	5.467	5.467	(1.062)	48857	5.00000	5.155
	43 1,2-Dichloropropane	63	5.644	5.644	(1.097)	46860	5.00000	4.980
	44 1,4-Dioxane	88	5.751	5.751	(1.117)	8408	250.000	487.74 (A)
	45 Dibromomethane	93	5.751	5.751	(1.117)	24340	5.00000	4.993
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	55270	5.00000	5.026
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	45613	10.0000	8.920
	48 cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	63955	5.00000	4.593
	49 4-Methyl-2-pentanone	43	6.378	6.378	(1.239)	58171	10.0000	13.501
	50 Toluene	91	6.567	6.567	(0.841)	208194	5.00000	5.042
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	50014	5.00000	4.393
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	40991	5.00000	6.133
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	38306	5.00000	4.920
	54 1,3-Dichloropropane	76	7.053	7.053	(0.903)	72096	5.00000	5.044
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	35519	5.00000	5.166
	56 2-Hexanone	43	7.124	7.124	(0.912)	38543	10.0000	13.605
	57 Dibromochloromethane	129	7.266	7.266	(0.930)	35448	5.00000	4.778
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	35321	5.00000	4.755
	59 Chlorobenzene	112	7.833	7.833	(1.003)	135029	5.00000	5.318
	60 1,1,1,2-Tetrachloroethane	131	7.904	7.904	(1.012)	35813	5.00000	4.715
	61 Ethylbenzene	106	7.940	7.940	(1.017)	65434	5.00000	4.924
	62 m + p-Xylene	106	8.046	8.046	(1.030)	161809	10.0000	9.889
M	63 Xylenes (total)	106				238148	15.0000	14.806
	64 Xylene-o	106	8.425	8.425	(1.079)	76339	5.00000	4.917
	65 Styrene	104	8.425	8.425	(1.079)	137513	5.00000	4.892

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21172.D
Report Date: 02-Jun-2004 09:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Bromoform	173	8.603	8.603	(1.102)	19260	5.00000	4.477
67	Isopropylbenzene	105	8.768	8.768	(1.123)	171331	5.00000	4.822
68	1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	40047	5.00000	4.895
69	1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	7335	5.00000	6.328
70	1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	12375	5.00000	4.867
71	Bromobenzene	156	9.076	9.076	(0.903)	48999	5.00000	5.481
72	n-Propylbenzene	120	9.171	9.171	(0.913)	44970	5.00000	5.012
73	2-Chlorotoluene	126	9.253	9.253	(0.921)	43916	5.00000	5.284
74	1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	119603	5.00000	4.788
75	4-Chlorotoluene	126	9.360	9.360	(0.932)	42325	5.00000	4.993
76	tert-Butylbenzene	119	9.656	9.656	(0.961)	110532	5.00000	5.313
77	1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	117134	5.00000	4.775
78	sec-Butylbenzene	105	9.869	9.869	(0.982)	124600	5.00000	4.647
79	4-Isopropyltoluene	119	10.011	10.011	(0.996)	86474	5.00000	4.450
80	1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	83285	5.00000	5.931
81	1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	84875	5.00000	5.884
82	n-Butylbenzene	91	10.413	10.413	(1.037)	70556	5.00000	4.614
83	1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	69751	5.00000	5.893
84	1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	2822	5.00000	8.084
85	1,2,4-Trichlorobenzene	180	12.046	12.046	(1.199)	39077	5.00000	7.949
86	Hexachlorobutadiene	225	12.212	12.212	(1.216)	15859	5.00000	6.502
87	Naphthalene	128	12.283	12.283	(1.223)	84161	5.00000	5.613
88	1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	33988	5.00000	7.937
98	Cyclohexane	56	4.686	4.686	(0.910)	74807	5.00000	4.951
143	Methyl Acetate	43	3.065	3.065	(0.595)	61380	10.0000	10.789
144	Methylcyclohexane	83	5.633	5.633	(1.094)	63527	5.00000	4.722
141	1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	35693	5.00000	6.261

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Report Date: 02-Jun-2004 09:33

STL North Canton

RECOVERY REPORT

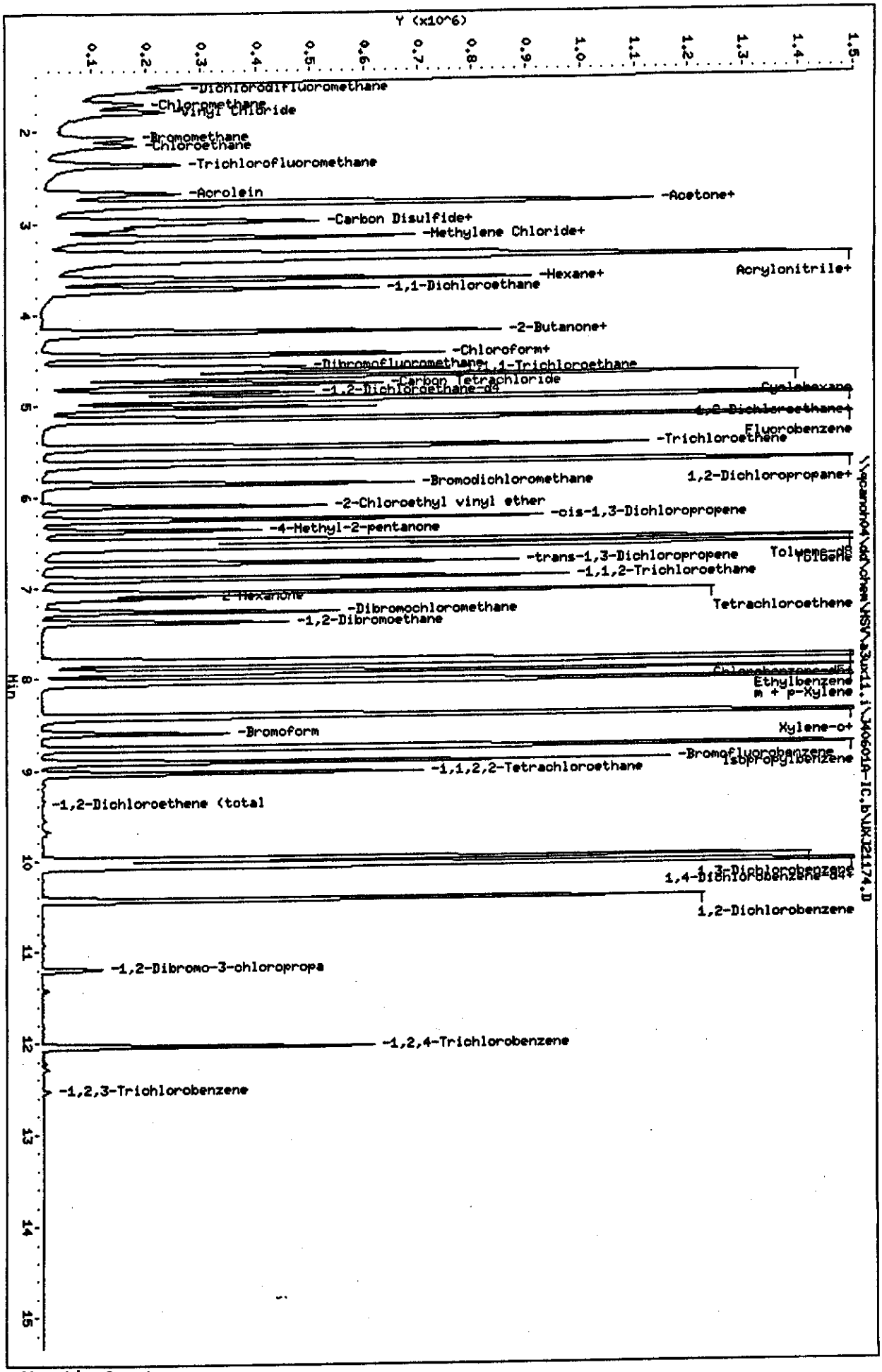
Client Name:
Client SDG: SDGa00333
Sample Matrix: LIQUID
Fraction: VOA
Lab Smp Id: ICV
Level: LOW
Operator: 43582
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: plexus-ck.spk
Quant Type: ISTD
Sublist File: 2-8260.SUB
Method File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Misc Info: J40601A,8260LLUX11,2-8260.SUB,43582,3

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17	1,1-Dichloroethene	10.000	11.152	111.52	45-155
	42	Trichloroethene	10.000	9.966	99.66	45-155
	59	Chlorobenzene	10.000	9.572	95.72	45-155
	50	Toluene	10.000	9.895	98.95	45-155
	41	Benzene	10.000	9.324	93.24	45-155
	16	Acetone	10.000	6.955	69.55	45-155
	20	Carbon Disulfide	10.000	10.861	108.61	45-155
	9	Chloromethane	10.000	11.028	110.28	45-155
	11	Bromomethane	10.000	11.340	113.40	45-155
	10	Vinyl Chloride	10.000	10.826	108.26	45-155
	12	Chloroethane	10.000	11.177	111.77	45-155
	21	Methylene Chloride	10.000	10.868	108.68	45-155
	28	1,1-Dichloroethane	10.000	10.021	100.21	45-155
M	31	1,2-Dichloroethene	20.000	20.040	100.20	45-155
	35	Chloroform	10.000	9.812	98.12	45-155
	40	1,2-Dichloroethane	10.000	9.687	96.87	45-155
	30	2-Butanone	10.000	7.981	79.81	45-155
	37	1,1,1-Trichloroeth	10.000	10.057	100.57	45-155
	39	Carbon Tetrachlori	10.000	10.011	100.11	45-155
	46	Bromodichlorometha	10.000	9.738	97.38	45-155
	43	1,2-Dichloropropan	10.000	9.760	97.60	45-155
	48	cis-1,3-Dichloropr	10.000	9.639	96.39	45-155
	57	Dibromochlorometha	10.000	9.742	97.42	45-155
	53	1,1,2-Trichloroeth	10.000	9.589	95.89	45-155
	51	trans-1,3-Dichloro	10.000	9.582	95.82	45-155
	66	Bromoform	10.000	9.942	99.42	45-155
	49	4-Methyl-2-pentano	10.000	8.829	88.29	45-155
	56	2-Hexanone	10.000	8.706	87.06	45-155
	55	Tetrachloroethene	10.000	9.964	99.64	45-155
	68	1,1,2,2-Tetrachlor	10.000	9.203	92.03	45-155
	61	Ethylbenzene	10.000	9.855	98.55	45-155
	65	Styrene	10.000	9.786	97.86	45-155
M	63	Xylenes (total)	30.000	29.721	99.07	45-155

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Report Date: 02-Jun-2004 09:33

SPIKE COMPOUND	CONC ADDED ug/L	CONC. RECOVERED ug/L	% RECOVERED	LIMITS
32 cis-1,2-dichloroet	10.000	9.964	99.64	45-155
25 trans-1,2-Dichloro	10.000	10.076	100.76	45-155
8 Dichlorodifluorome	10.000	10.539	105.39	45-155
13 Trichlorofluoromet	10.000	10.583	105.83	45-155
18 Freon-113	10.000	15.167	151.67	45-155
24 Methyl tert-butyl	10.000	8.116	81.16	45-155
58 1,2-Dibromoethane	10.000	9.914	99.14	45-155
67 Isopropylbenzene	10.000	10.328	103.28	45-155
80 1,3-Dichlorobenzen	10.000	9.014	90.14	45-155
81 1,4-Dichlorobenzen	10.000	9.312	93.12	45-155
83 1,2-Dichlorobenzen	10.000	9.105	91.05	45-155
84 1,2-Dibromo-3-chlo	10.000	8.829	88.29	45-155
85 1,2,4-Trichloroben	10.000	8.019	80.19	45-155
98 Cyclohexane	10.000	10.560	105.60	45-155
143 Methyl Acetate	10.000	9.756	97.56	45-155
144 Methylcyclohexane	10.000	9.877	98.77	45-155

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Dibromofluorometha	10.000	8.946	89.46	73-122
$ 5 1,2-Dichloroethane	10.000	9.128	91.28	61-128
$ 6 Toluene-d8	10.000	9.280	92.80	76-110
$ 7 Bromofluorobenzene	10.000	8.642	86.42	74-116


Y (x10^6)
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14
15
-Dichlorodifluoromethane
-Chloromethane
Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Carbon Disulfide+
-Methylene Chloride+
Acrylonitrile+
-Hexane+
-1,1-Dichloroethane
-2-Butanone+
-Chloroform+
-Dibromofluoromethane
1,1,1-Trichloroethane
-Carbon Tetrachloride
-1,2-Dichloroethane-d4
Cyclohexane
1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
2-Hexanone
Tetrachloroethene
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
Ethylbenzene
m + p-Xylene
Xylene-o+
-Bromoform
-Bromofluorobenzene
Isopropylbenzene
-1,1,2,2-Tetrachloroethane
-1,2-Dichloroethene (total
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-1,2,3-Trichlorobenzene
Data File: \\qcanon04\dd\chem\HSV\a3ux11.i\340601A-IC.b\UX1221174.D
Date : 01-JUN-2004 13:16
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18
\\qcanon04\dd\chem\HSV\a3ux11.i\340601A-IC.b\UX1221174.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Report Date: 02-Jun-2004 09:33

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Lab Smp Id: ICV
Inj Date : 01-JUN-2004 13:16
Operator : 43582 Inst ID: a3ux11.i
Smp Info : ICV
Misc Info : J40601A,8260LLUX11,2-8260.SUB,43582,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\8260LLUX11.m
Meth Date : 02-Jun-2004 09:33 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 8 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1903167	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1309645	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	549116	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	356185	44.7279	8.946
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	427028	45.6405	9.128
$	6 Toluene-d8	98	6.496	6.496	(0.832)	1554481	46.4024	9.280
$	7 Bromofluorobenzene	95	8.910	8.922	(1.141)	545977	43.2089	8.642
	8 Dichlorodifluoromethane	85	1.538	1.550	(0.299)	293629	52.6968	10.539
	9 Chloromethane	50	1.704	1.704	(0.331)	368769	55.1409	11.028
	10 Vinyl Chloride	62	1.787	1.799	(0.347)	398221	54.1297	10.826
	11 Bromomethane	94	2.071	2.071	(0.402)	227786	56.7002	11.340
	12 Chloroethane	64	2.154	2.166	(0.418)	259049	55.8872	11.177
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	480035	52.9144	10.583
	15 Acrolein	56	2.674	2.674	(0.520)	526312	383.983	76.797
	16 Acetone	43	2.793	2.793	(0.543)	115389	34.7771	6.955
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	400528	55.7611	11.152
	18 Freon-113	151	2.793	2.781	(0.543)	310623	75.8372	15.167
	19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Report Date: 02-Jun-2004 09:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
20	Carbon Disulfide	76	2.982	2.982	(0.579)	1390357	54.3046	10.861
21	Methylene Chloride	84	3.159	3.159	(0.614)	525048	54.3409	10.868
22	Acetonitrile	41	3.017	3.017	(0.586)	173686	268.868	53.774
23	Acrylonitrile	53	3.337	3.337	(0.648)	1324785	438.683	87.737
24	Methyl tert-butyl ether	73	3.384	3.396	(0.658)	1114492	40.5801	8.116
25	trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	473822	50.3793	10.076
26	Hexane	86	3.621	3.621	(0.703)	116150	55.8158	11.163
27	Vinyl acetate	43	3.621	3.751	(0.703)	363812	24.1284	4.826
28	1,1-Dichloroethane	63	3.727	3.727	(0.724)	795279	50.1069	10.021
29	tert-Butyl Alcohol	59	3.159	3.242	(0.614)	357	158.584	31.717
30	2-Butanone	43	4.189	4.189	(0.814)	180881	39.9043	7.981
M 31	1,2-Dichloroethene (total)	96				958303	100.201	20.040
32	cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	484481	49.8221	9.964
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.449	4.449	(0.864)	731133	49.0605	9.812
36	Tetrahydrofuran	42	4.437	4.437	(0.862)	5572	2.27788	0.4556
37	1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	581899	50.2874	10.057
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.769	4.769	(0.926)	456057	50.0539	10.011
40	1,2-Dichloroethane	62	4.923	4.923	(0.956)	527613	48.4334	9.687
41	Benzene	78	4.923	4.934	(0.956)	2003689	46.6194	9.324
42	Trichloroethene	130	5.455	5.467	(1.060)	478580	49.8307	9.966
43	1,2-Dichloropropane	63	5.644	5.644	(1.097)	465280	48.7999	9.760
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.869	5.869	(1.140)	542555	48.6889	9.738
47	2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	273449	52.7685	10.554
48	cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	680042	48.1945	9.639
49	4-Methyl-2-pentanone	43	6.378	6.378	(1.239)	322185	44.1461	8.829
50	Toluene	91	6.556	6.567	(0.839)	2028286	49.4752	9.895
51	trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	541465	47.9110	9.582
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	370624	47.9464	9.589
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	7.064	7.064	(0.905)	340067	49.8227	9.964
56	2-Hexanone	43	7.112	7.124	(0.911)	239227	43.5320	8.706
57	Dibromochloromethane	129	7.266	7.266	(0.930)	358769	48.7121	9.742
58	1,2-Dibromoethane	107	7.384	7.384	(0.945)	365545	49.5690	9.914
59	Chlorobenzene	112	7.833	7.833	(1.003)	1206483	47.8625	9.572
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.928	7.940	(1.015)	650045	49.2767	9.855
62	m + p-Xylene	106	8.046	8.046	(1.030)	1610590	99.1469	19.829
M 63	Xylenes (total)	106				2372831	148.604	29.721
64	Xylene-o	106	8.425	8.425	(1.079)	762241	49.4576	9.892
65	Styrene	104	8.425	8.425	(1.079)	1365588	48.9326	9.786
66	Bromoform	173	8.614	8.603	(1.103)	212305	49.7116	9.942

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\UXJ21174.D
Report Date: 02-Jun-2004 09:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.768	8.768	(1.123)	1821256	51.6381	10.328
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	424540	46.0169	9.203
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	713665	45.0715	9.014
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	757286	46.5629	9.312
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	607593	45.5265	9.105
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	42791	44.1435	8.829
85 1,2,4-Trichlorobenzene	180	12.034	12.046	(1.198)	241884	40.0960	8.019
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	6604	2.44666	0.4893
98 Cyclohexane	56	4.686	4.686	(0.910)	808473	52.8005	10.560
143 Methyl Acetate	43	3.065	3.065	(0.595)	281201	48.7778	9.756
144 Methylcyclohexane	83	5.633	5.633	(1.094)	673224	49.3846	9.877
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Report Date: 23-Jun-2004 08:30

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Start Cal Date: 20-MAY-2004 10:38
End Cal Date : 01-JUN-2004 12:21
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.000		
20-MAY-2004 15:24	3-IX	UXJ20857.D
01-JUN-2004 12:21	2-8260	UXJ21172.D
Cal Level: 2 , Cal Amount: 10.000		
20-MAY-2004 15:01	3-IX	UXJ20856.D
01-JUN-2004 11:57	2-8260	UXJ21171.D
Cal Level: 3 , Cal Amount: 25.000		
20-MAY-2004 14:38	3-IX	UXJ20855.D
01-JUN-2004 11:34	2-8260	UXJ21170.D
Cal Level: 4 , Cal Amount: 50.000		
20-MAY-2004 14:15	3-IX	UXJ20854.D
01-JUN-2004 11:10	2-8260	UXJ21169.D
Cal Level: 5 , Cal Amount: 100.00		
20-MAY-2004 13:52	3-IX	UXJ20853.D
01-JUN-2004 10:47	2-8260	UXJ21168.D
Cal Level: 6 , Cal Amount: 200.00		
20-MAY-2004 13:28	3-IX	UXJ20852.D
01-JUN-2004 10:23	2-8260	UXJ21167.D

Continuing Calibration

22-JUN-2004 09:58	2-8260	UXJ21801.D
22-JUN-2004 09:27	3-IX	UXJ21800.D
~~22-JUN-2004 09:03~~	~~2-8260~~	~~UXJ21799.D~~
~~22-JUN-2004 08:39~~	~~2-8260~~	~~UXJBLK.D~~

6/23/04

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 22-Jun-2004 10:53

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i Injection Date: 22-JUN-2004 09:58
Lab File ID: UXJ21801.D Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Analysis Type: WATER Init. Cal. Times: 10:38 12:21
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	4 Dibromofluoromethane	0.20921	0.20837	0.010	-0.4	50.0	
$	5 1,2-Dichloroethane-d4	0.24581	0.26222	0.010	6.7	50.0	
$	6 Toluene-d8	1.27897	1.15799	0.010	-9.5	50.0	
$	7 Bromofluorobenzene	0.48241	0.41998	0.010	-12.9	50.0	
	8 Dichlorodifluoromethane	0.14639	0.19950	0.010	36.3	50.0	
	9 Chloromethane	50.00000	73.02078	0.100	-46.0	50.0	
	10 Vinyl Chloride	50.00000	59.10968	0.010	-18.2	20.0	
	11 Bromomethane	50.00000	55.16523	0.010	-10.3	50.0	
	12 Chloroethane	50.00000	77.75290	0.010	-55.5	50.0	<-
	13 Trichlorofluoromethane	0.23834	0.33251	0.010	39.5	50.0	
	15 Acrolein	0.03601	0.03309	0.010	-8.1	50.0	
	16 Acetone	0.08717	0.06745	0.010	-22.6	50.0	
	17 1,1-Dichloroethene	0.18871	0.22289	0.010	18.1	20.0	
	18 Freon-113	50.00000	83.19059	0.010	-66.4	50.0	<-
	19 Iodomethane	0.27286	0.34689	0.010	27.1	50.0	
	20 Carbon Disulfide	0.67264	0.74920	0.010	11.4	50.0	
	21 Methylene Chloride	50.00000	51.96797	0.010	-3.9	50.0	
	22 Acetonitrile	500	489	0.010	2.3	50.0	
	23 Acrylonitrile	0.07934	0.07698	0.010	-3.0	50.0	
	24 Methyl tert-butyl ether	0.72154	0.78355	0.010	8.6	50.0	
	25 trans-1,2-Dichloroethene	0.24709	0.26389	0.010	6.8	50.0	
	26 Hexane	0.05467	0.05665	0.010	3.6	20.0	
	27 Vinyl acetate	0.39613	0.41269	0.010	4.2	50.0	
	28 1,1-Dichloroethane	0.41698	0.42738	0.100	2.5	50.0	
	29 tert-Butyl Alcohol	1000	1022	0.010	-2.2	50.0	
	30 2-Butanone	0.11909	0.09533	0.010	-19.9	50.0	
M	31 1,2-Dichloroethene (total)	0.25128	0.26890	0.010	7.0	50.0	
	32 cis-1,2-dichloroethene	0.25548	0.27392	0.010	7.2	50.0	
	33 2,2-Dichloropropane	0.20822	0.26142	0.010	25.6	50.0	
	34 Bromochloromethane	0.11430	0.13330	0.010	16.6	50.0	
	35 Chloroform	0.39152	0.44523	0.010	13.7	20.0	
	36 Tetrahydrofuran	0.06427	0.06300	0.010	-2.0	50.0	
	37 1,1,1-Trichloroethane	0.30401	0.38233	0.010	25.8	50.0	
	38 1,1-Dichloropropene	0.32511	0.34813	0.010	7.1	50.0	
	39 Carbon Tetrachloride	0.23937	0.32653	0.010	36.4	50.0	
	40 1,2-Dichloroethane	0.28620	0.34018	0.010	18.9	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 22-Jun-2004 10:53

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i
Lab File ID: UXJ21801.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

Injection Date: 22-JUN-2004 09:58
Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Init. Cal. Times: 10:38 12:21
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	41 Benzene	1.12916	1.31139	0.010	16.1	50.0
	42 Trichloroethene	0.25232	0.28280	0.010	12.1	50.0
	43 1,2-Dichloropropane	0.25049	0.24049	0.010	-4.0	20.0
	44 1,4-Dioxane	2500	2163	0.010	13.5	50.0
	45 Dibromomethane	0.12979	0.14745	0.010	13.6	50.0
	46 Bromodichloromethane	0.29276	0.34304	0.010	17.2	50.0
	47 2-Chloroethyl vinyl ether	0.13614	0.14219	0.010	4.4	50.0
	48 cis-1,3-Dichloropropene	0.37071	0.41113	0.010	10.9	50.0
	49 4-Methyl-2-pentanone	100	88.43740	0.010	11.6	50.0
	50 Toluene	1.56516	1.55814	0.010	-0.4	20.0
	51 trans-1,3-Dichloropropene	0.43147	0.47477	0.010	10.0	50.0
	52 Ethyl Methacrylate	50.00000	47.80657	0.010	4.4	50.0
	53 1,1,2-Trichloroethane	0.29512	0.30931	0.010	4.8	50.0
	54 1,3-Dichloropropane	0.54175	0.52278	0.010	-3.5	50.0
	55 Tetrachloroethene	0.26059	0.28201	0.010	8.2	50.0
	56 2-Hexanone	100	88.79401	0.010	11.2	50.0
	57 Dibromochloromethane	0.28119	0.33567	0.010	19.4	50.0
	58 1,2-Dibromoethane	0.28154	0.30004	0.010	6.6	50.0
	59 Chlorobenzene	0.96237	0.95403	0.300	-0.9	50.0
	60 1,1,1,2-Tetrachloroethane	0.28788	0.34109	0.010	18.5	50.0
	61 Ethylbenzene	0.50364	0.51424	0.010	2.1	20.0
	62 m + p-Xylene	0.62019	0.62406	0.010	0.6	50.0
M	63 Xylenes (total)	0.60959	0.61764	0.010	1.3	50.0
	64 Xylene-o	0.58841	0.60478	0.010	2.8	50.0
	65 Styrene	1.06546	1.07244	0.010	0.7	50.0
	66 Bromoform	0.16305	0.20687	0.100	26.9	50.0
	67 Isopropylbenzene	1.34653	1.38733	0.010	3.0	50.0
	68 1,1,2,2-Tetrachloroethane	0.84006	0.79435	0.300	-5.4	50.0
	69 1,4-Dichloro-2-butene	50.00000	53.28345	0.010	-6.6	50.0
	70 1,2,3-Trichloropropane	0.26105	0.27641	0.010	5.9	50.0
	71 Bromobenzene	0.91784	0.91005	0.010	-0.8	50.0
	72 n-Propylbenzene	0.92115	0.88779	0.010	-3.6	50.0
	73 2-Chlorotoluene	0.85333	0.81250	0.010	-4.8	50.0
	74 1,3,5-Trimethylbenzene	2.56482	2.55430	0.010	-0.4	50.0
	75 4-Chlorotoluene	0.87038	0.84278	0.010	-3.2	50.0
	76 tert-Butylbenzene	2.13590	2.06669	0.010	-3.2	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 22-Jun-2004 10:53

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i Injection Date: 22-JUN-2004 09:58
Lab File ID: UXJ21801.D Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Analysis Type: WATER Init. Cal. Times: 10:38 12:21
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
77	1,2,4-Trimethylbenzene	2.51862	2.51230	0.010	-0.3	50.0	
78	sec-Butylbenzene	2.75300	2.54888	0.010	-7.4	50.0	
79	4-Isopropyltoluene	1.99533	1.97120	0.010	-1.2	50.0	
80	1,3-Dichlorobenzene	1.44178	1.36292	0.010	-5.5	50.0	
81	1,4-Dichlorobenzene	1.48090	1.39605	0.010	-5.7	50.0	
82	n-Butylbenzene	1.56995	1.34951	0.010	-14.0	50.0	
83	1,2-Dichlorobenzene	1.21522	1.11048	0.010	-8.6	50.0	
84	1,2-Dibromo-3-chloropropane	50.00000	40.34098	0.010	19.3	50.0	
85	1,2,4-Trichlorobenzene	50.00000	28.02970	0.010	43.9	50.0	
86	Hexachlorobutadiene	50.00000	23.28528	0.010	53.4	50.0	<-
87	Naphthalene	1.53947	0.68725	0.010	-55.4	50.0	<-
88	1,2,3-Trichlorobenzene	50.00000	23.61804	0.010	52.8	50.0	<-
98	Cyclohexane	0.40227	0.41427	0.010	3.0	50.0	
143	Methyl Acetate	0.15146	0.14137	0.010	-6.7	50.0	
144	Methylcyclohexane	0.35815	0.36629	0.010	2.3	50.0	
141	1,3,5-Trichlorobenzene	0.58534	0.36510	0.010	-37.6	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b/UXJ21801.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux11.i
Lab File ID: UXJ21801.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 09:58
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0	Chlorobenzene	50.0000	49.5665	0.9	50.0	
0	Bromodichloromethane	50.0000	58.5883	17.2	50.0	
0	1,1,2,2-Tetrachloroethane	50.0000	47.2793	5.4	50.0	
0	Bromoform	50.0000	63.4386	26.9	50.0	
0	Styrene	50.0000	50.3273	0.7	50.0	
0	Xylene-o	50.0000	51.3915	2.8	50.0	
0	Xylenes (total)	150.0000	152.0167	1.3	50.0	
0	2-Hexanone	100.0000	88.7940	11.2	50.0	
0	Chloromethane	50.0000	73.0208	46.0	50.0	
0	Vinyl Chloride	50.0000	59.1097	18.2	20.0	
0	Bromomethane	50.0000	55.1652	10.3	50.0	
0	Chloroethane	50.0000	77.7529	55.5	50.0	<-
0	1,1-Dichloroethane	50.0000	51.2467	2.5	50.0	
0	Tetrachloroethene	50.0000	54.1109	8.2	50.0	
0	Acetone	100.0000	77.3832	22.6	50.0	
0	1,1-Dichloroethene	50.0000	59.0572	18.1	20.0	
0	m + p-Xylene	100.0000	100.6252	0.6	50.0	
0	Ethylbenzene	50.0000	51.0523	2.1	20.0	
0	Carbon Disulfide	50.0000	55.6913	11.4	50.0	
0	Methylene Chloride	50.0000	51.9680	3.9	50.0	
0	1,2-Dichloropropane	50.0000	48.0034	4.0	20.0	
0	1,1,2-Trichloroethane	50.0000	52.4050	4.8	50.0	
0	Dibromochloromethane	50.0000	59.6884	19.4	50.0	
0	trans-1,2-Dichloroethene	50.0000	53.3987	6.8	50.0	
0	trans-1,3-Dichloropropene	50.0000	55.0180	10.0	50.0	
0	cis-1,3-Dichloropropene	50.0000	55.4519	10.9	50.0	
0	Chloroform	50.0000	56.8588	13.7	20.0	
0	Toluene	50.0000	49.7757	0.4	20.0	
0	2-Butanone	100.0000	80.0519	19.9	50.0	
0	1,2-Dichloroethene (total)	100.0000	107.0087	7.0	50.0	
0	cis-1,2-dichloroethene	50.0000	53.6100	7.2	50.0	
0	4-Methyl-2-pentanone	100.0000	88.4374	11.6	50.0	
0	1,2-Dichloroethane	50.0000	59.4308	18.9	50.0	
0	Trichloroethene	50.0000	56.0398	12.1	50.0	
0	1,1,1-Trichloroethane	50.0000	62.8813	25.8	50.0	
0	Carbon Tetrachloride	50.0000	68.2043	36.4	50.0	
0	Benzene	50.0000	58.0690	16.1	50.0	
38	Dichlorodifluoromethane	50.0000	68.1401	36.3	50.0	
39	Trichlorofluoromethane	50.0000	69.7564	39.5	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b/UXJ21801.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux11.i
Lab File ID: UXJ21801.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 09:58
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\dd\chem\MSV\a3ux11.i\

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39 Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
40 Acrolein	500.0000	459.4084	8.1	50.0	
41 Acrylonitrile	500.0000	485.1350	3.0	50.0	
42 Vinyl acetate	50.0000	52.0894	4.2	50.0	
43 2-Chloroethyl vinyl ether	100.0000	104.4403	4.4	50.0	
47 Freon-113	50.0000	83.1906	66.4	50.0	<-
48 1,3-Dichlorobenzene	50.0000	47.2652	5.5	50.0	
49 1,4-Dichlorobenzene	50.0000	47.1351	5.7	50.0	
50 1,2-Dichlorobenzene	50.0000	45.6904	8.6	50.0	
51 Acetonitrile	500.0000	488.5092	2.3	50.0	
52 Iodomethane	50.0000	63.5654	27.1	50.0	
59 1,4-Dioxane	2500.0000	2162.7861	13.5	50.0	
60 Dibromomethane	50.0000	56.8065	13.6	50.0	
62 Ethyl Methacrylate	50.0000	47.8066	4.4	50.0	
63 1,2-Dibromoethane	50.0000	53.2842	6.6	50.0	
64 1,1,1,2-Tetrachloroethane	50.0000	59.2419	18.5	50.0	
65 1,2,3-Trichloropropane	50.0000	52.9421	5.9	50.0	
66 1,4-Dichloro-2-butene	50.0000	53.2835	6.6	50.0	
69 1,2-Dibromo-3-chloropropane	50.0000	40.3410	19.3	50.0	
82 Methyl tert-butyl ether	50.0000	54.2973	8.6	50.0	
84 Tetrahydrofuran	50.0000	49.0182	2.0	50.0	
98 2,2-Dichloropropane	50.0000	62.7750	25.6	50.0	
99 1,1-Dichloropropene	50.0000	53.5409	7.1	50.0	
100 1,3-Dichloropropane	50.0000	48.2490	3.5	50.0	
102 Bromobenzene	50.0000	49.5756	0.8	50.0	
103 2-Chlorotoluene	50.0000	47.6078	4.8	50.0	
104 n-Propylbenzene	50.0000	48.1895	3.6	50.0	
105 4-Chlorotoluene	50.0000	48.4145	3.2	50.0	
106 1,3,5-Trimethylbenzene	50.0000	49.7948	0.4	50.0	
107 tert-Butylbenzene	50.0000	48.3799	3.2	50.0	
108 1,2,4-Trimethylbenzene	50.0000	49.8745	0.3	50.0	
109 sec-Butylbenzene	50.0000	46.2929	7.4	50.0	
110 4-Isopropyltoluene	50.0000	49.3952	1.2	50.0	
111 n-Butylbenzene	50.0000	42.9792	14.0	50.0	
112 1,2,4-Trichlorobenzene	50.0000	28.0297	43.9	50.0	
113 Naphthalene	50.0000	22.3210	55.4	50.0	<-
114 Hexachlorobutadiene	50.0000	23.2853	53.4	50.0	<-
115 1,2,3-Trichlorobenzene	50.0000	23.6180	52.8	50.0	<-
124 tert-Butyl Alcohol	1000.0000	1021.6974	2.2	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b/UXJ21801.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux11.i
Lab File ID: UXJ21801.D
Analysis Type: WATER

Injection Date: 22-JUN-2004 09:58
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\dd\chem\MSV\a3ux11.i\

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
125 Hexane	50.0000	51.8071	3.6	20.0
127 Cyclohexane	50.0000	51.4908	3.0	50.0
128 Isopropylbenzene	50.0000	51.5149	3.0	50.0
130 Fluorobenzene	50.0000	50.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0
133 Bromochloromethane	50.0000	58.3142	16.6	50.0
141 1,3,5-Trichlorobenzene	50.0000	31.1868	37.6	50.0
143 Methyl Acetate	100.0000	93.3371	6.7	50.0
144 Methylcyclohexane	50.0000	51.1375	2.3	50.0
22 Toluene-d8	50.0000	45.2705	9.5	50.0
32 Bromofluorobenzene	50.0000	43.5297	12.9	50.0
47 1,2-Dichloroethane-d4	50.0000	53.3371	6.7	50.0
131 Dibromofluoromethane	50.0000	49.7993	0.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:31

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i Injection Date: 22-JUN-2004 09:58
Lab File ID: UXJ21801.D Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Analysis Type: WATER Init. Cal. Times: 10:38 12:21
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	4 Dibromofluoromethane	0.20921	0.20837	0.010	-0.4	50.0	
$	5 1,2-Dichloroethane-d4	0.24581	0.26222	0.010	6.7	50.0	
$	6 Toluene-d8	1.27897	1.15799	0.010	-9.5	50.0	
$	7 Bromofluorobenzene	0.48241	0.41998	0.010	-12.9	50.0	
	8 Dichlorodifluoromethane	0.14639	0.19950	0.010	36.3	50.0	
	9 Chloromethane	0.19797	0.24797	0.100	25.3	50.0	
	10 Vinyl Chloride	50.00000	59.10968	0.010	-18.2	20.0	
	11 Bromomethane	50.00000	55.16523	0.010	-10.3	50.0	
	12 Chloroethane	50.00000	77.75290	0.010	-55.5	50.0	<-
	13 Trichlorofluoromethane	0.23834	0.33251	0.010	39.5	50.0	
	15 Acrolein	0.03601	0.03309	0.010	-8.1	50.0	
	16 Acetone	0.08717	0.06745	0.010	-22.6	50.0	
	17 1,1-Dichloroethene	0.18871	0.22289	0.010	18.1	20.0	
	18 Freon-113	50.00000	83.19059	0.010	-66.4	50.0	<-
	19 Iodomethane	0.27286	0.34689	0.010	27.1	50.0	
	20 Carbon Disulfide	0.67264	0.74920	0.010	11.4	50.0	
	21 Methylene Chloride	50.00000	51.96797	0.010	-3.9	50.0	
	22 Acetonitrile	500	489	0.010	2.3	50.0	
	23 Acrylonitrile	0.07934	0.07698	0.010	-3.0	50.0	
	24 Methyl tert-butyl ether	0.72154	0.78355	0.010	8.6	50.0	
	25 trans-1,2-Dichloroethene	0.24709	0.26389	0.010	6.8	50.0	
	26 Hexane	0.05467	0.05665	0.010	3.6	20.0	
	27 Vinyl acetate	0.39613	0.41269	0.010	4.2	50.0	
	28 1,1-Dichloroethane	0.41698	0.42738	0.100	2.5	50.0	
	29 tert-Butyl Alcohol	1000	1022	0.010	-2.2	50.0	
	30 2-Butanone	0.11909	0.09533	0.010	-19.9	50.0	
M	31 1,2-Dichloroethene (total)	0.25128	0.26890	0.010	7.0	50.0	
	32 cis-1,2-dichloroethene	0.25548	0.27392	0.010	7.2	50.0	
	33 2,2-Dichloropropane	0.20822	0.26142	0.010	25.6	50.0	
	34 Bromochloromethane	0.11430	0.13330	0.010	16.6	50.0	
	35 Chloroform	0.39152	0.44523	0.010	13.7	20.0	
	36 Tetrahydrofuran	0.06427	0.06300	0.010	-2.0	50.0	
	37 1,1,1-Trichloroethane	0.30401	0.38233	0.010	25.8	50.0	
	38 1,1-Dichloropropene	0.32511	0.34813	0.010	7.1	50.0	
	39 Carbon Tetrachloride	0.23937	0.32653	0.010	36.4	50.0	
	40 1,2-Dichloroethane	0.28620	0.34018	0.010	18.9	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:31

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i Injection Date: 22-JUN-2004 09:58
Lab File ID: UXJ21801.D Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Analysis Type: WATER Init. Cal. Times: 10:38 12:21
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	41 Benzene	1.12916	1.31139	0.010	16.1	50.0
	42 Trichloroethene	0.25232	0.28280	0.010	12.1	50.0
	43 1,2-Dichloropropane	0.25049	0.24049	0.010	-4.0	20.0
	44 1,4-Dioxane	2500	2163	0.010	13.5	50.0
	45 Dibromomethane	0.12979	0.14745	0.010	13.6	50.0
	46 Bromodichloromethane	0.29276	0.34304	0.010	17.2	50.0
	47 2-Chloroethyl vinyl ether	0.13614	0.14219	0.010	4.4	50.0
	48 cis-1,3-Dichloropropene	0.37071	0.41113	0.010	10.9	50.0
	49 4-Methyl-2-pentanone	100	88.43740	0.010	11.6	50.0
	50 Toluene	1.56516	1.55814	0.010	-0.4	20.0
	51 trans-1,3-Dichloropropene	0.43147	0.47477	0.010	10.0	50.0
	52 Ethyl Methacrylate	50.00000	47.80657	0.010	4.4	50.0
	53 1,1,2-Trichloroethane	0.29512	0.30931	0.010	4.8	50.0
	54 1,3-Dichloropropane	0.54175	0.52278	0.010	-3.5	50.0
	55 Tetrachloroethene	0.26059	0.28201	0.010	8.2	50.0
	56 2-Hexanone	100	88.79401	0.010	11.2	50.0
	57 Dibromochloromethane	0.28119	0.33567	0.010	19.4	50.0
	58 1,2-Dibromoethane	0.28154	0.30004	0.010	6.6	50.0
	59 Chlorobenzene	0.96237	0.95403	0.300	-0.9	50.0
	60 1,1,1,2-Tetrachloroethane	0.28788	0.34109	0.010	18.5	50.0
	61 Ethylbenzene	0.50364	0.51424	0.010	2.1	20.0
	62 m + p-Xylene	0.62019	0.62406	0.010	0.6	50.0
M	63 Xylenes (total)	0.60959	0.61764	0.010	1.3	50.0
	64 Xylene-o	0.58841	0.60478	0.010	2.8	50.0
	65 Styrene	1.06546	1.07244	0.010	0.7	50.0
	66 Bromoform	0.16305	0.20687	0.100	26.9	50.0
	67 Isopropylbenzene	1.34653	1.38733	0.010	3.0	50.0
	68 1,1,2,2-Tetrachloroethane	0.84006	0.79435	0.300	-5.4	50.0
	69 1,4-Dichloro-2-butene	50.00000	53.28345	0.010	-6.6	50.0
	70 1,2,3-Trichloropropane	0.26105	0.27641	0.010	5.9	50.0
	71 Bromobenzene	0.91784	0.91005	0.010	-0.8	50.0
	72 n-Propylbenzene	0.92115	0.88779	0.010	-3.6	50.0
	73 2-Chlorotoluene	0.85333	0.81250	0.010	-4.8	50.0
	74 1,3,5-Trimethylbenzene	2.56482	2.55430	0.010	-0.4	50.0
	75 4-Chlorotoluene	0.87038	0.84278	0.010	-3.2	50.0
	76 tert-Butylbenzene	2.13590	2.06669	0.010	-3.2	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:31

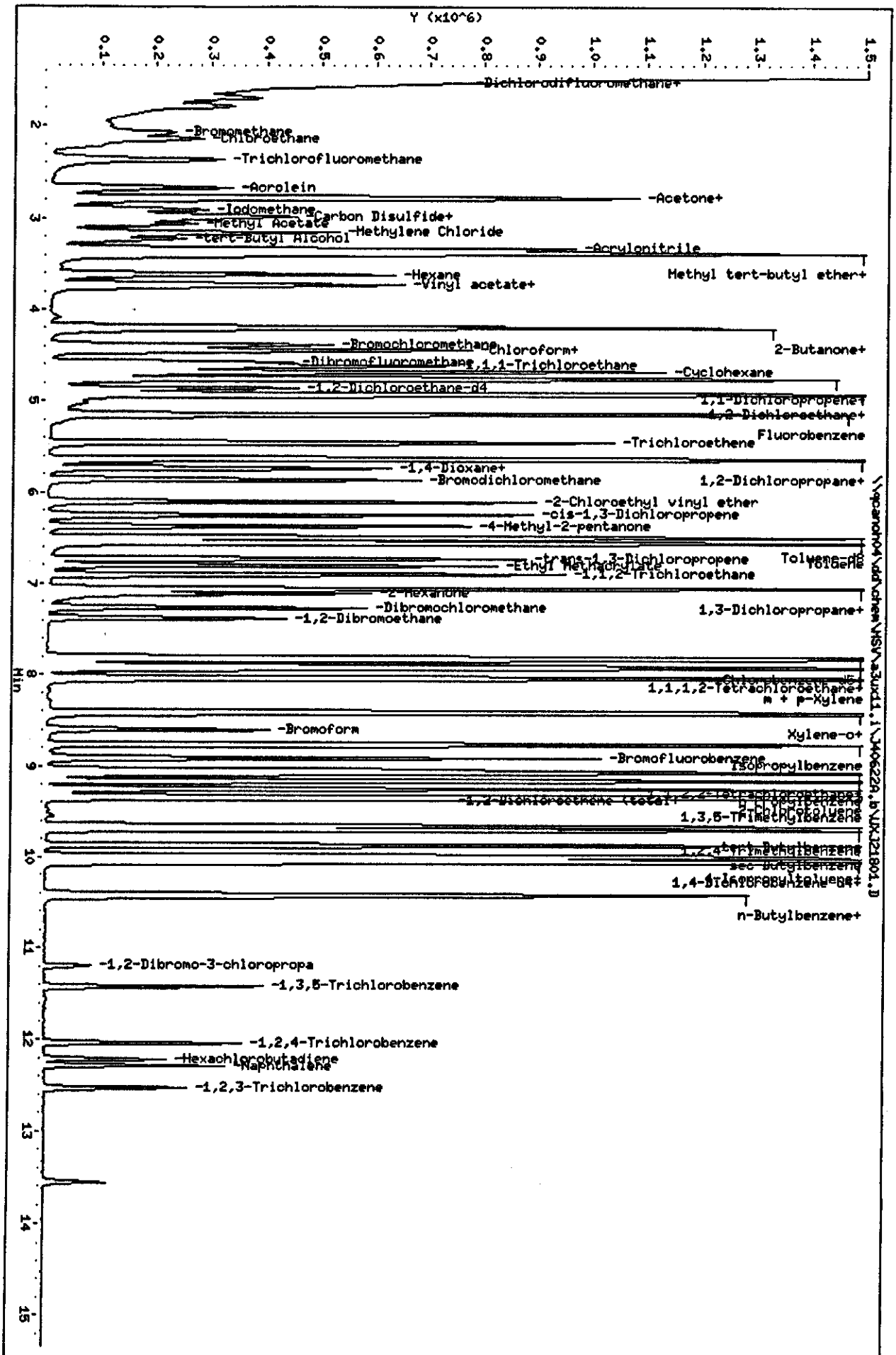
STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i
Lab File ID: UXJ21801.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

Injection Date: 22-JUN-2004 09:58
Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Init. Cal. Times: 10:38 12:21
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
77	1,2,4-Trimethylbenzene	2.51862	2.51230	0.010	-0.3	50.0	
78	sec-Butylbenzene	2.75300	2.54888	0.010	-7.4	50.0	
79	4-Isopropyltoluene	1.99533	1.97120	0.010	-1.2	50.0	
80	1,3-Dichlorobenzene	1.44178	1.36292	0.010	-5.5	50.0	
81	1,4-Dichlorobenzene	1.48090	1.39605	0.010	-5.7	50.0	
82	n-Butylbenzene	1.56995	1.34951	0.010	-14.0	50.0	
83	1,2-Dichlorobenzene	1.21522	1.11048	0.010	-8.6	50.0	
84	1,2-Dibromo-3-chloropropane	50.00000	40.34098	0.010	19.3	50.0	
85	1,2,4-Trichlorobenzene	50.00000	28.02970	0.010	43.9	50.0	
86	Hexachlorobutadiene	50.00000	23.28528	0.010	53.4	50.0	<-
87	Naphthalene	1.53947	0.68725	0.010	-55.4	50.0	<-
88	1,2,3-Trichlorobenzene	50.00000	23.61804	0.010	52.8	50.0	<-
98	Cyclohexane	0.40227	0.41427	0.010	3.0	50.0	
143	Methyl Acetate	0.15146	0.14137	0.010	-6.7	50.0	
144	Methylcyclohexane	0.35815	0.36629	0.010	2.3	50.0	
141	1,3,5-Trichlorobenzene	0.58534	0.36510	0.010	-37.6	50.0	


Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J406229.b\UX1201.D
Date : 22-JUN-2004 09:58
Client ID:
Sample Info: 500NG-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18
Y (x10^6)
Min
Dichlorodifluoromethane+
Bromomethane
Chloroethane
Trichlorofluoromethane
Acrolein
Acetone+
Iodomethane
Carbon Disulfide+
Methyl Acetate
Methylene Chloride
tert-Butyl Alcohol
Acrylonitrile
Hexane
Methyl tert-butyl ether+
Vinyl acetate+
Bromochloromethane
Chloroform+
2-Butanone+
Dibromofluoromethane,1,1-Trichloroethane
Cyclohexane
1,2-Dichloroethane-d4
1,1-Dichloropropene+
Fluorobenzene
Trichloroethene
1,4-Dioxane+
Bromodichloromethane
1,2-Dichloropropane+
2-Chloroethyl vinyl ether
cis-1,3-Dichloropropene
4-Methyl-2-pentanone
trans-1,3-Dichloropropene
Toluene-d8
Ethyl Methacrylate
1,1,2-Trichloroethane
2-Hexanone
Dibromochloromethane
1,3-Dichloropropane+
1,2-Dibromoethane
1,1,1,2-Tetrachloroethane+
m + p-Xylene
Bromoform
Xylene-o+
Bromofluorobenzene
Isopropylbenzene
1,2-Dichloroethene (total)
4-Chlorotoluene
1,3,5-Trimethylbenzene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4
n-Butylbenzene+
1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
\\qcanoh04\dd\chem\HSV\a3ux11.i\J406229.b\UX1201.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:35

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Lab Smp Id: 50NG-CC
Inj Date : 22-JUN-2004 09:58
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 50NG-CC
Misc Info : J40622A,8260LLUX11,2-8260.SUB,43582,2
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 23-Jun-2004 08:35 evans1 Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.147	5.147	(1.000)	1521749	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1124687	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	459791	50.0000	
$ 4 Dibromofluoromethane	113	4.579	4.579	(0.890)	317094	50.0000	49.799
$ 5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	399026	50.0000	53.337
$ 6 Toluene-d8	98	6.496	6.496	(0.832)	1302380	50.0000	45.270
$ 7 Bromofluorobenzene	95	8.910	8.910	(1.141)	472351	50.0000	43.530
8 Dichlorodifluoromethane	85	1.538	1.538	(0.299)	303588	50.0000	68.140
9 Chloromethane	50	1.692	1.692	(0.329)	377351	50.0000	73.021
10 Vinyl Chloride	62	1.787	1.787	(0.347)	343649	50.0000	59.110
11 Bromomethane	94	2.071	2.071	(0.402)	177863	50.0000	55.165
12 Chloroethane	64	2.142	2.142	(0.416)	273568	50.0000	77.753
13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	506000	50.0000	69.756
15 Acrolein	56	2.674	2.674	(0.520)	503497	500.000	459.41
16 Acetone	43	2.793	2.793	(0.543)	205298	100.000	77.383
17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	339189	50.0000	59.057
18 Freon-113	151	2.793	2.793	(0.543)	269440	50.0000	83.190

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.911	2.911	(0.566)	527873	50.0000	63.565
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	1140100	50.0000	55.691
	21 Methylene Chloride	84	3.160	3.160	(0.614)	404829	50.0000	51.968
	22 Acetonitrile	41	3.018	3.018	(0.586)	277236	500.000	488.51
	23 Acrylonitrile	53	3.337	3.337	(0.648)	1171448	500.000	485.13
	24 Methyl tert-butyl ether	73	3.384	3.384	(0.658)	1192364	50.0000	54.297
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	401570	50.0000	53.399
	26 Hexane	86	3.621	3.621	(0.703)	86203	50.0000	51.807
	27 Vinyl acetate	43	3.751	3.751	(0.729)	628006	50.0000	52.089
	28 1,1-Dichloroethane	63	3.727	3.727	(0.724)	650361	50.0000	51.247
	29 tert-Butyl Alcohol	59	3.231	3.231	(0.628)	327515	1000.00	1021.7(A)
	30 2-Butanone	43	4.189	4.189	(0.814)	290143	100.000	80.052
M	31 1,2-Dichloroethene (total)	96				818408	100.000	107.01
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	416838	50.0000	53.610
	33 2,2-Dichloropropane	77	4.201	4.201	(0.816)	397821	50.0000	62.775
	34 Bromochloromethane	128	4.390	4.390	(0.853)	202851	50.0000	58.314
	35 Chloroform	83	4.449	4.449	(0.864)	677530	50.0000	56.859
	36 Tetrahydrofuran	42	4.437	4.437	(0.862)	95876	50.0000	49.018
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	581804	50.0000	62.881
	38 1,1-Dichloropropene	75	4.757	4.757	(0.924)	529770	50.0000	53.541
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	496890	50.0000	68.204
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	517665	50.0000	59.431
	41 Benzene	78	4.923	4.923	(0.956)	1995604	50.0000	58.069
	42 Trichloroethene	130	5.455	5.455	(1.060)	430350	50.0000	56.040
	43 1,2-Dichloropropane	63	5.644	5.644	(1.097)	365961	50.0000	48.003
	44 1,4-Dioxane	88	5.739	5.739	(1.115)	107740	2500.00	2162.8(A)
	45 Dibromomethane	93	5.739	5.739	(1.115)	224389	50.0000	56.806
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	522025	50.0000	58.588
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	432749	100.000	104.44
	48 cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	625636	50.0000	55.452
	49 4-Methyl-2-pentanone	43	6.366	6.366	(1.237)	561680	100.000	88.437
	50 Toluene	91	6.556	6.556	(0.839)	1752415	50.0000	49.776
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	533972	50.0000	55.018
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	479724	50.0000	47.806
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	347880	50.0000	52.405
	54 1,3-Dichloropropane	76	7.053	7.053	(0.903)	587966	50.0000	48.249
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	317176	50.0000	54.111
	56 2-Hexanone	43	7.112	7.112	(0.911)	469207	100.000	88.794
	57 Dibromochloromethane	129	7.266	7.266	(0.930)	377526	50.0000	59.688
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	337449	50.0000	53.284
	59 Chlorobenzene	112	7.834	7.834	(1.003)	1072983	50.0000	49.566
	60 1,1,1,2-Tetrachloroethane	131	7.905	7.905	(1.012)	383615	50.0000	59.242
	61 Ethylbenzene	106	7.928	7.928	(1.015)	578356	50.0000	51.052
	62 m + p-Xylene	106	8.046	8.046	(1.030)	1403753	100.000	100.62
M	63 Xylenes (total)	106				2083942	150.000	152.02
	64 Xylene-o	106	8.413	8.413	(1.077)	680189	50.0000	51.392
	65 Styrene	104	8.425	8.425	(1.079)	1206154	50.0000	50.327

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21801.D
Report Date: 23-Jun-2004 08:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.603	8.603	(1.102)	232668	50.0000	63.438
67 Isopropylbenzene	105	8.768	8.768	(1.123)	1560315	50.0000	51.515
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	365233	50.0000	47.279
69 1,4-Dichloro-2-butene	53	9.088	9.088	(0.905)	106869	50.0000	53.283
70 1,2,3-Trichloropropane	110	9.088	9.088	(0.905)	127092	50.0000	52.942
71 Bromobenzene	156	9.064	9.064	(0.902)	418432	50.0000	49.576
72 n-Propylbenzene	120	9.171	9.171	(0.913)	408199	50.0000	48.189
73 2-Chlorotoluene	126	9.253	9.253	(0.921)	373582	50.0000	47.608
74 1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	1174442	50.0000	49.795
75 4-Chlorotoluene	126	9.360	9.360	(0.932)	387503	50.0000	48.414
76 tert-Butylbenzene	119	9.656	9.656	(0.961)	950245	50.0000	48.380
77 1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	1155135	50.0000	49.874
78 sec-Butylbenzene	105	9.869	9.869	(0.982)	1171953	50.0000	46.293
79 4-Isopropyltoluene	119	10.011	10.011	(0.996)	906338	50.0000	49.395
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	626657	50.0000	47.265
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	641892	50.0000	47.135
82 n-Butylbenzene	91	10.413	10.413	(1.037)	620491	50.0000	42.979
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	510587	50.0000	45.690
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	32357	50.0000	40.341
85 1,2,4-Trichlorobenzene	180	12.034	12.034	(1.198)	140080	50.0000	28.030
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	50159	50.0000	23.285
87 Naphthalene	128	12.283	12.283	(1.223)	315991	50.0000	22.321
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	107945	50.0000	23.618
98 Cyclohexane	56	4.686	4.686	(0.910)	630411	50.0000	51.491
143 Methyl Acetate	43	3.065	3.065	(0.595)	430245	100.000	93.337
144 Methylcyclohexane	83	5.633	5.633	(1.094)	557409	50.0000	51.137
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	167868	50.0000	31.187

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21800.D
Report Date: 22-Jun-2004 09:35

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux11.i
Lab File ID: UXJ21800.D
Analysis Type: WATER
Lab Sample ID: 50NG-A9CC
Injection Date: 22-JUN-2004 09:27
Init. Cal. Date(s): 20-MAY-2004 01-JUN-2004
Init. Cal. Times: 10:38 12:21
Quant Type: ISTD
Method: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
14 Dichlorofluoromethane	0.30063	0.33515	0.010	11.5	50.0	
89 Ethyl Ether	0.19626	0.18156	0.010	-7.5	50.0	
91 3-Chloropropene	0.13197	0.11920	0.010	-9.7	50.0	
92 Isopropyl Ether	0.23474	0.21608	0.010	-8.0	50.0	
93 2-Chloro-1,3-butadiene	0.36309	0.32564	0.010	-10.3	50.0	
94 Propionitrile	0.02994	0.02649	0.010	-11.5	50.0	
95 Ethyl Acetate	0.20020	0.17768	0.010	-11.2	50.0	
96 Methacrylonitrile	0.13987	0.12482	0.010	-10.8	50.0	
97 Isobutanol	1000	958	0.010	4.2	50.0	
99 n-Butanol	1000	1017	0.010	-1.7	50.0	
100 Methyl Methacrylate	0.18510	0.16488	0.010	-10.9	50.0	
101 2-Nitropropane	100	137	0.010	-37.2	50.0	
103 Cyclohexanone	0.02004	0.01265	0.010	-36.9	50.0	
146 2-Methylnaphthalene	100	15.20638	0.010	84.8	50.0	<-

Data File: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b/UXJ21800.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux11.i
Lab File ID: UXJ21800.D
Analysis Type: WATER

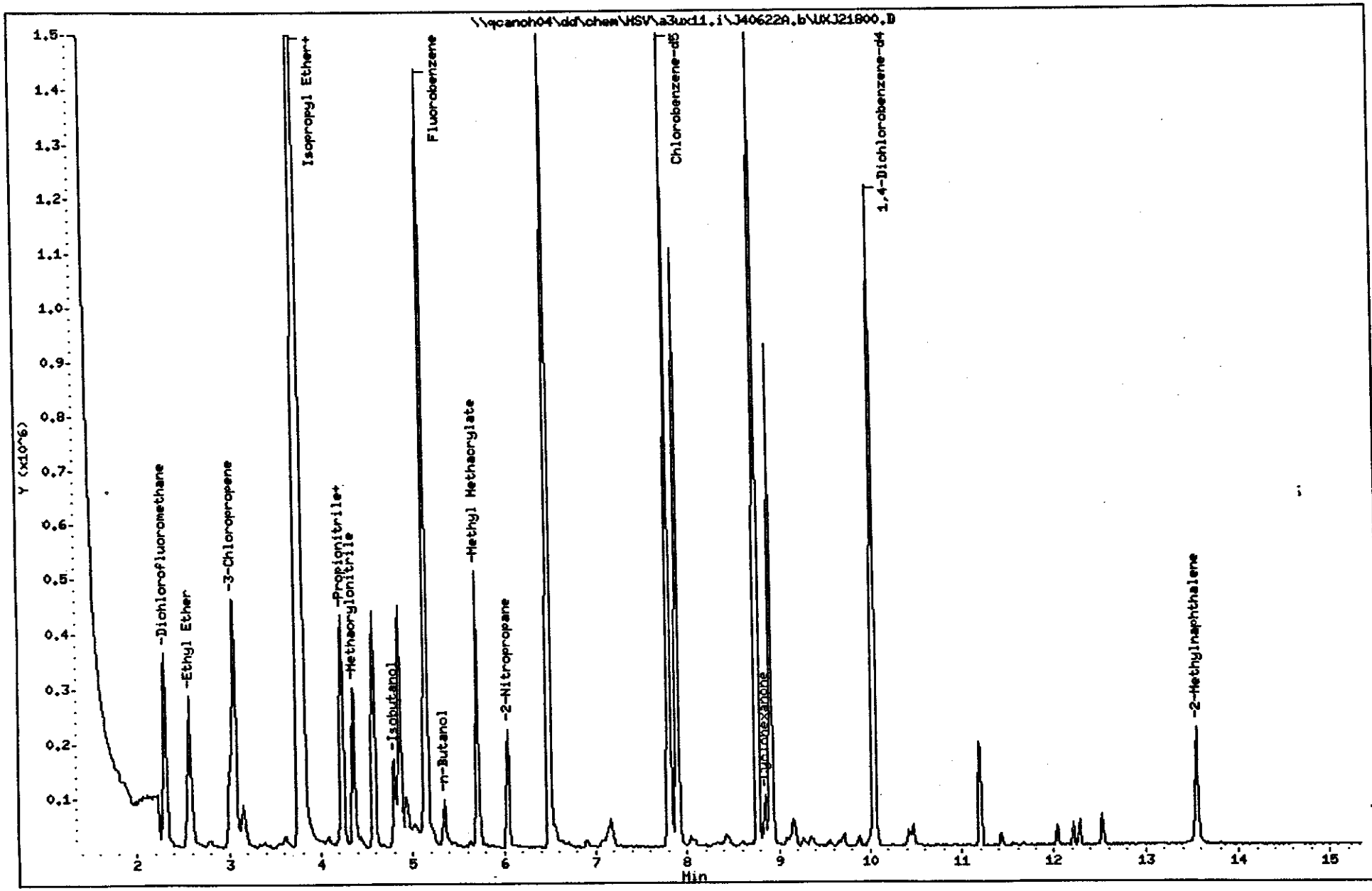
Injection Date: 22-JUN-2004 09:27
Lab Sample ID: 50NG-A9CC
Method File: \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39 Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
53 3-Chloropropene	50.0000	45.1620	9.7	50.0	
54 2-Chloro-1,3-butadiene	50.0000	44.8424	10.3	50.0	
55 Propionitrile	100.0000	88.4840	11.5	50.0	
56 Methacrylonitrile	50.0000	44.6215	10.8	50.0	
57 Isobutanol	1000.0000	957.9336	4.2	50.0	
58 Methyl Methacrylate	50.0000	44.5390	10.9	50.0	
73 n-Butanol	1000.0000	1016.5837	1.7	50.0	
74 Ethyl Acetate	100.0000	88.7544	11.2	50.0	
75 Cyclohexanone	500.0000	315.7003	36.9	50.0	
76 Ethyl Ether	50.0000	46.2560	7.5	50.0	
85 Dichlorofluoromethane	50.0000	55.7414	11.5	50.0	
86 2-Nitropropane	100.0000	137.1593	37.2	50.0	
126 Isopropyl Ether	250.0000	230.1242	8.0	50.0	
130 Fluorobenzene	50.0000	50.0000	0.0	50.0	
132 1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0	
146 2-Methylnaphthalene	100.0000	15.2064	84.8	50.0	<-

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40622A.b\UXJ21800.D
Date : 22-JUN-2004 09:27
Client ID:
Sample Info: 50NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i

Operator: 43682
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21800.D
Report Date: 22-Jun-2004 10:50

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21800.D
Lab Smp Id: 50NG-A9CC
Inj Date : 22-JUN-2004 09:27
Operator : 43582 Inst ID: a3ux11.i
Smp Info : 50NG-A9CC
Misc Info : J40622A,8260LLUX11,3-IX.SUB,43582,2
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 22-Jun-2004 10:50 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.148	5.148	(1.000)	1519119	50.0000	
* 2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1083707	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	379802	50.0000	
14 Dichlorofluoromethane	67	2.308	2.308	(0.448)	509137	50.0000	55.741
89 Ethyl Ether	59	2.568	2.568	(0.499)	275816	50.0000	46.256
91 3-Chloropropene	76	3.065	3.065	(0.595)	181074	50.0000	45.162
92 Isopropyl Ether	87	3.775	3.775	(0.733)	1641251	250.000	230.12(A)
93 2-Chloro-1,3-butadiene	53	3.799	3.799	(0.738)	494684	50.0000	44.842
94 Propionitrile	54	4.225	4.225	(0.821)	80480	100.000	88.483
95 Ethyl Acetate	43	4.236	4.236	(0.823)	539840	100.000	88.754
96 Methacrylonitrile	41	4.355	4.355	(0.846)	189617	50.0000	44.621
97 Isobutanol	41	4.804	4.804	(0.615)	98599	1000.00	957.93(A)
99 n-Butanol	56	5.349	5.349	(0.685)	68841	1000.00	1016.6(A)
100 Methyl Methacrylate	41	5.716	5.716	(1.110)	250479	50.0000	44.539
101 2-Nitropropane	41	6.047	6.047	(1.175)	158887	100.000	137.16
103 Cyclohexanone	55	8.851	8.851	(0.881)	48049	500.000	315.70(A)
146 2-Methylnaphthalene	142	13.561	13.561	(1.350)	148323	100.000	15.206

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21800.D
Report Date: 22-Jun-2004 10:50

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 03-Jun-2004 00:47

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Start Cal Date: 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 2.500		
02-JUN-2004 19:19	3-IX	UX127155.D
27-MAY-2004 22:05	2-8260	UX126992.D
Cal Level: 2 , Cal Amount: 10.000		
02-JUN-2004 18:56	3-IX	UX127154.D
27-MAY-2004 22:28	2-8260	UX126993.D
Cal Level: 3 , Cal Amount: 25.000		
02-JUN-2004 18:33	3-IX	UX127153.D
27-MAY-2004 22:51	2-8260	UX126994.D
Cal Level: 4 , Cal Amount: 50.000		
02-JUN-2004 18:09	3-IX	UX127152.D
27-MAY-2004 23:15	2-8260	UX126995.D
Cal Level: 5 , Cal Amount: 100.00		
02-JUN-2004 17:47	3-IX	UX127151.D
27-MAY-2004 23:38	2-8260	UX126996.D
Cal Level: 6 , Cal Amount: 250.00		
02-JUN-2004 17:24	3-IX	UX127150.D
28-MAY-2004 00:02	2-8260	UX126997.D

Continuing Calibration

02-JUN-2004 16:58	2-8260	UX127149.D
02-JUN-2004 18:09	3-IX	UX127152.D

Report Date : 03-Jun-2004 17:12

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 03-Jun-2004 00:48 laveyt
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127155.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127154.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127153.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127152.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127150.D

	Compound	2.500 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	250.000 Level 6	RRF	% RSD	
8	Dichlorodifluoromethane	0.20561	0.20370	0.26543	0.28377	0.27522	0.25440	0.24802	14.111	
9	Chloromethane	0.44590	0.38632	0.41929	0.42325	0.41305	0.38421	0.41201	5.704	
10	Vinyl Chloride	0.31666	0.31000	0.36381	0.38059	0.38320	0.36199	0.35271	9.002	
11	Bromomethane	0.21638	0.22220	0.21492	0.22560	0.21768	0.19690	0.21561	4.632	
12	Chloroethane	0.17769	0.20588	0.23938	0.25317	0.24683	0.21613	0.22318	12.892	
13	Trichlorofluoromethane	0.27622	0.28762	0.35360	0.36591	0.36875	0.32708	0.32986	12.160	
14	Dichlorofluoromethane	0.35099	0.39010	0.47599	0.49215	0.50926	0.50204	0.45342	14.627	
15	Acrolein	0.03841	0.03567	0.03883	0.03977	0.03589	0.03473	0.03722	5.491	
16	Acetone	0.33092	0.22196	0.15261	0.13533	0.14051	0.12624	0.18460	43.070	
17	1,1-Dichloroethene	0.18315	0.21492	0.26444	0.26590	0.27875	0.27313	0.24671	15.654	
18	Freon-113	0.02413	0.07655	0.16890	0.17118	0.19327	0.18494	0.13649	50.804	<-
19	Iodomethane	0.31879	0.31654	0.38943	0.39723	0.42077	0.41254	0.37588	12.353	
20	Carbon Disulfide	0.78904	0.76254	0.89133	0.87086	0.92223	0.89335	0.85489	7.483	
21	Methylene Chloride	0.24264	0.31472	0.29933	0.28828	0.29048	0.27560	0.28517	8.607	
22	Acetonitrile	0.03750	0.03311	0.04443	0.04097	0.04066	0.03856	0.03920	9.747	
23	Acrylonitrile	0.09334	0.09426	0.10739	0.10341	0.10455	0.10709	0.10167	6.185	
24	Methyl tert-butyl ether	0.68652	0.68178	0.75177	0.74177	0.77993	0.77567	0.73624	5.818	
25	trans-1,2-Dichloroethene	0.22627	0.23627	0.25387	0.26041	0.27433	0.26247	0.25227	7.073	
26	Hexane	0.18737	0.18966	0.20642	0.20918	0.22416	0.22294	0.20662	7.618	
27	Vinyl acetate	0.39462	0.39071	0.38925	0.40251	0.39622	0.38554	0.39314	1.519	
28	1,1-Dichloroethane	0.38000	0.39528	0.43276	0.41644	0.43477	0.42074	0.41333	5.232	
29	tert-Butyl Alcohol	0.02006	0.02116	0.02524	0.02433	0.02546	0.02482	0.02351	9.806	
30	2-Butanone	0.24363	0.19454	0.19637	0.16798	0.18086	0.17810	0.19358	13.804	
M 31	1,2-Dichloroethene (total)	0.23158	0.24765	0.26791	0.26383	0.27878	0.26645	0.25937	6.519	
32	cis-1,2-dichloroethene	0.23689	0.25903	0.28195	0.26726	0.28322	0.27044	0.26646	6.428	

Report Date : 03-Jun-2004 17:12

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 03-Jun-2004 00:48 laveyt
Curve Type : Average

	Compound	2.500 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	250.000 Level 6	RRF	% RSD	
	33 2,2-Dichloropropane	0.12897	0.13700	0.14290	0.14819	0.15548	0.15793	0.14508	7.629	
	34 Bromochloromethane	0.11056	0.11779	0.13978	0.13592	0.14157	0.13598	0.13027	9.871	
	35 Chloroform	0.38480	0.38541	0.44122	0.41637	0.43934	0.42289	0.41500	6.030	
	36 Tetrahydrofuran	0.13834	0.12127	0.09380	0.08407	0.08677	0.08443	0.10145	22.562	
	37 1,1,1-Trichloroethane	0.27464	0.27273	0.35311	0.35502	0.37277	0.36329	0.33193	13.753	
	38 1,1-Dichloropropene	0.29032	0.29708	0.32907	0.32337	0.33875	0.32609	0.31745	6.058	
	39 Carbon Tetrachloride	0.22408	0.23013	0.25664	0.28586	0.30513	0.30466	0.26775	13.501	
	40 1,2-Dichloroethane	0.31362	0.31023	0.35780	0.33664	0.35664	0.34077	0.33595	6.086	
	41 Benzene	1.24094	1.13741	1.08446	1.03915	1.08444	1.07163	1.10967	6.460	
	42 Trichloroethene	0.26953	0.27356	0.29714	0.28915	0.29771	0.29792	0.28750	4.470	
	43 1,2-Dichloropropane	0.23003	0.23205	0.25222	0.24149	0.25515	0.24675	0.24295	4.267	
	44 1,4-Dioxane	0.00136	0.00208	0.00310	0.00291	0.00288	0.00276	0.00252	26.417	<-
	45 Dibromomethane	0.13219	0.13931	0.14998	0.15038	0.15556	0.15071	0.14636	5.983	
	46 Bromodichloromethane	0.26435	0.27743	0.32183	0.31392	0.33367	0.33275	0.30732	9.581	
	47 2-Chloroethyl vinyl ether	0.07339	0.09111	0.09963	0.09866	0.10431	0.10265	0.09496	12.117	
	48 cis-1,3-Dichloropropene	0.37293	0.35347	0.41267	0.40694	0.43584	0.43598	0.40297	8.329	
	49 4-Methyl-2-pentanone	0.30412	0.27611	0.31410	0.29715	0.30925	0.30419	0.30082	4.444	
	50 Toluene	1.34978	1.27209	1.35102	1.33890	1.39697	1.42392	1.35545	3.860	
	51 trans-1,3-Dichloropropene	0.36981	0.38420	0.45228	0.44468	0.48121	0.49737	0.43826	11.717	
	52 Ethyl Methacrylate	0.40957	0.36754	0.45855	0.45198	0.47767	0.49238	0.44295	10.480	
	53 1,1,2-Trichloroethane	0.24456	0.26797	0.29854	0.28540	0.29312	0.29390	0.28058	7.368	
	54 1,3-Dichloropropane	0.51934	0.50799	0.52699	0.51657	0.53906	0.54299	0.52549	2.576	
	55 Tetrachloroethene	0.24130	0.24255	0.26591	0.26051	0.27030	0.27232	0.25882	5.295	
	56 2-Hexanone	0.27661	0.26820	0.31420	0.29857	0.31296	0.31583	0.29773	6.964	
	57 Dibromochloromethane	0.24036	0.23622	0.28428	0.27942	0.30567	0.32162	0.27793	12.331	
	58 1,2-Dibromoethane	0.28561	0.27711	0.30870	0.30542	0.31007	0.31736	0.30071	5.229	
	59 Chlorobenzene	0.88346	0.88927	0.96673	0.93087	0.96941	0.98195	0.93695	4.563	
	60 1,1,1,2-Tetrachloroethane	0.27625	0.28275	0.31304	0.31316	0.33218	0.34586	0.31054	8.732	
	61 Ethylbenzene	0.45424	0.44002	0.48702	0.47100	0.48941	0.50063	0.47372	4.878	
	62 m + p-Xylene	0.54935	0.56230	0.60966	0.59802	0.62534	0.65655	0.60020	6.632	
M	63 Xylenes (total)	0.54341	0.55356	0.60717	0.59725	0.62488	0.65204	0.59638	6.981	
	64 Xylene-o	0.53155	0.53606	0.60219	0.59570	0.62396	0.64303	0.58875	7.770	
	65 Styrene	0.82997	0.90949	1.09962	1.06770	1.14621	1.22183	1.04580	14.157	

Report Date : 03-Jun-2004 17:12

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 03-Jun-2004 00:48 laveyt
Curve Type : Average

Compound	2.500 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	250.000 Level 6	RRF	% RSD	
66 Bromoform	0.14344	0.14138	0.18546	0.18924	0.21240	0.23710	0.18484	20.406	
67 Isopropylbenzene	1.16775	1.13931	1.28093	1.24032	1.31438	1.36535	1.25134	6.921	
68 1,1,2,2-Tetrachloroethane	0.69354	0.70648	0.76352	0.72741	0.73559	0.72712	0.72561	3.340	
69 1,4-Dichloro-2-butene	0.15746	0.15784	0.20430	0.19787	0.21690	0.22554	0.19332	15.134	
70 1,2,3-Trichloropropane	0.26534	0.28355	0.28843	0.27627	0.27885	0.27505	0.27791	2.843	
71 Bromobenzene	0.80068	0.78576	0.84238	0.81185	0.82760	0.83809	0.81773	2.716	
72 n-Propylbenzene	0.58699	0.59221	0.67707	0.65914	0.69572	0.68014	0.64854	7.269	
73 2-Chlorotoluene	0.59551	0.63538	0.68305	0.66019	0.67727	0.67491	0.65438	5.127	
74 1,3,5-Trimethylbenzene	1.69261	1.72327	1.98565	1.91045	2.02732	2.04642	1.89762	8.140	
75 4-Chlorotoluene	0.66698	0.66238	0.71139	0.69565	0.72741	0.72663	0.69841	4.100	
76 tert-Butylbenzene	1.51086	1.49708	1.63078	1.56907	1.64843	1.63280	1.58150	4.176	
77 1,2,4-Trimethylbenzene	1.84115	1.79752	2.06119	2.03241	2.10587	2.13818	1.99605	7.129	
78 sec-Butylbenzene	1.90804	1.86733	2.13276	2.10112	2.21567	2.21456	2.07325	7.292	
79 4-Isopropyltoluene	1.66799	1.57825	1.83640	1.81972	1.90918	1.91791	1.78824	7.639	
80 1,3-Dichlorobenzene	1.23573	1.31515	1.35810	1.30476	1.35416	1.36955	1.32291	3.761	
81 1,4-Dichlorobenzene	1.38334	1.40789	1.45948	1.39937	1.44804	1.43758	1.42262	2.115	
82 n-Butylbenzene	1.28026	1.22811	1.42621	1.44327	1.52986	1.54845	1.40936	9.242	
83 1,2-Dichlorobenzene	1.27573	1.26522	1.33544	1.29505	1.33167	1.35450	1.30960	2.753	
84 1,2-Dibromo-3-chloropropane	0.09563	0.11523	0.13032	0.12537	0.14394	0.14766	0.12636	15.211	
85 1,2,4-Trichlorobenzene	0.52336	0.47876	0.53023	0.54074	0.56513	0.58084	0.53651	6.642	
86 Hexachlorobutadiene	0.25629	0.23365	0.25232	0.24800	0.25151	0.23896	0.24679	3.526	
87 Naphthalene	0.99961	1.00291	1.21565	1.28470	1.38724	1.49064	1.23012	16.279	
88 1,2,3-Trichlorobenzene	0.34134	0.31767	0.36576	0.37319	0.38458	0.39626	0.36313	7.988	
89 Ethyl Ether	0.17782	0.20742	0.21173	0.21762	0.22193	0.21539	0.20865	7.619	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	+++++	0.09566	0.11278	0.11685	0.13172	0.12926	0.11726	12.359	
92 Isopropyl Ether	0.20166	0.21169	0.21968	0.22320	0.22566	0.23150	0.21890	4.889	
93 2-Chloro-1,3-butadiene	0.26605	0.29583	0.34248	0.34619	0.36119	0.36524	0.32950	12.055	
94 Propionitrile	0.01078	0.02420	0.03450	0.03371	0.03885	0.03666	0.02978	35.517	
95 Ethyl Acetate	0.26053	0.27525	0.27725	0.27604	0.27948	0.27684	0.27423	2.502	
96 Methacrylonitrile	0.14318	0.15036	0.17485	0.18587	0.18289	0.17288	0.16834	10.419	
97 Isobutanol	+++++	0.00453	0.00804	0.00824	0.00980	0.00893	0.00791	25.436	<-
98 Cyclohexane	0.19978	0.27826	0.33071	0.33256	0.35413	0.33477	0.30503	18.836	

Report Date : 03-Jun-2004 17:12

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 03-Jun-2004 00:48 laveyt
Curve Type : Average

	Compound	2.500 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	250.000 Level 6	RRF	% RSD	
	99 n-Butanol	+++++	0.00366	0.00506	0.00507	0.00676	0.00721	0.00555	25.911	<-
	100 Methyl Methacrylate	0.17380	0.19759	0.22813	0.24348	0.25534	0.25100	0.22489	14.505	
	101 2-Nitropropane	+++++	0.01385	0.01626	0.01968	0.01997	0.02312	0.01858	19.322	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Cyclohexanone	+++++	0.01931	0.02213	0.02243	0.02542	0.02367	0.02259	9.940	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	141 1,3,5-Trichlorobenzene	0.60635	0.62060	0.68064	0.65993	0.68942	0.68894	0.65765	5.494	
	143 Methyl Acetate	0.24688	0.22321	0.23212	0.21479	0.21678	0.21472	0.22475	5.661	
	144 Methylcyclohexane	0.23793	0.26160	0.25844	0.25742	0.28618	0.27659	0.26303	6.372	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	146 2-Methylnaphthalene	0.02448	0.04880	0.11860	0.22935	0.23985	0.19207	0.14219	65.033	<-
	147 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	4 Dibromofluoromethane	+++++	0.19300	0.21349	0.21550	0.21938	0.21029	0.21033	4.866	
$	5 1,2-Dichloroethane-d4	+++++	0.24015	0.27095	0.26957	0.27694	0.26655	0.26483	5.402	
$	6 Toluene-d8	+++++	0.97406	1.04315	1.02445	1.04881	1.06077	1.03025	3.304	
$	7 Bromofluorobenzene	+++++	0.39809	0.43393	0.43198	0.44385	0.44999	0.43157	4.658	

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INITIAL CALIBRATION DATA

Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127155.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127154.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127153.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127152.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127150.D

Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
8 Dichlorodifluoromethane	0.20561	0.20370	0.26543	0.28377	0.27522	0,25440	AVRG		0.24802		14.11117
9 Chloromethane	0.44590	0.38632	0.41929	0.42325	0.41305	0.38421	AVRG		0.41201		5.70391
10 Vinyl Chloride	0.31666	0.31000	0.36381	0.38059	0.38320	0.36199	AVRG		0.35271		9.00175
11 Bromomethane	0.21638	0.22220	0.21492	0.22560	0.21768	0.19690	AVRG		0.21561		4.63179
12 Chloroethane	0.17769	0.20588	0.23938	0.25317	0.24683	0.21613	AVRG		0.22318		12.89224
13 Trichlorofluoromethane	0.27622	0.28762	0.35360	0.36591	0.36875	0.32708	AVRG		0.32986		12.16015
14 Dichlorofluoromethane	0.35099	0.39010	0.47599	0.49215	0.50926	0.50204	AVRG		0.45342		14.62698
15 Acrolein	0.03841	0.03567	0.03883	0.03977	0.03589	0.03473	AVRG		0.03722		5.49054
16 Acetone	23041	30737	105608	187033	390700	907044	LINR	-0.22020	0.12487		0.99858

STL North Canton

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Quant Method : ISTD
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Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

	Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	17 1,1-Dichloroethene	6376	14881	91496	183741	387534	981180	LINR	0.01481	0.27472		0.99986
	18 Freon-113	840	5300	58438	118288	268688	664383	LINR	0.04342	0.18782		0.99923
	19 Iodomethane	0.31879	0.31654	0.38943	0.39723	0.42077	0.41254	AVRG		0.37588		12.35277
	20 Carbon Disulfide	0.78904	0.76254	0.89133	0.87086	0.92223	0.89335	AVRG		0.85489		7.48299
	21 Methylene Chloride	0.24264	0.31472	0.29933	0.28828	0.29048	0.27560	AVRG		0.28517		8.60669
	22 Acetonitrile	0.03750	0.03311	0.04443	0.04097	0.04066	0.03856	AVRG		0.03920		9.74682
	23 Acrylonitrile	0.09334	0.09426	0.10739	0.10341	0.10455	0.10709	AVRG		0.10167		6.18499
	24 Methyl tert-butyl ether	0.68652	0.68178	0.75177	0.74177	0.77993	0.77567	AVRG		0.73624		5.81788
	25 trans-1,2-Dichloroethene	0.22627	0.23627	0.25387	0.26041	0.27433	0.26247	AVRG		0.25227		7.07313
	26 Hexane	0.18737	0.18966	0.20642	0.20918	0.22416	0.22294	AVRG		0.20662		7.61777
	27 Vinyl acetate	0.39462	0.39071	0.38925	0.40251	0.39622	0.38554	AVRG		0.39314		1.51873
	28 1,1-Dichloroethane	0.38000	0.39528	0.43276	0.41644	0.43477	0.42074	AVRG		0.41333		5.23209
	29 tert-Butyl Alcohol	0.02006	0.02116	0.02524	0.02433	0.02546	0.02482	AVRG		0.02351		9.80616
	30 2-Butanone	0.24363	0.19454	0.19637	0.16798	0.18086	0.17810	AVRG		0.19358		13.80386
M	31 1,2-Dichloroethene (total)	0.23158	0.24765	0.26791	0.26383	0.27878	0.26645	AVRG		0.25937		6.51886
	32 cis-1,2-dichloroethene	0.23689	0.25903	0.28195	0.26726	0.28322	0.27044	AVRG		0.26646		6.42756
	33 2,2-Dichloropropane	0.12897	0.13700	0.14290	0.14819	0.15548	0.15793	AVRG		0.14508		7.62850

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Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
34 Bromochloromethane	0.11056	0.11779	0.13978	0.13592	0.14157	0.13598	AVRG		0.13027		9.87103	
35 Chloroform	0.38480	0.38541	0.44122	0.41637	0.43934	0.42289	AVRG		0.41500		6.03000	
36 Tetrahydrofuran	4816	8397	32456	58098	120632	303301	LINR	-0.04037	0.08386		0.99985	
37 1,1,1-Trichloroethane	0.27464	0.27273	0.35311	0.35502	0.37277	0.36329	AVRG		0.33193		13.75332	;
38 1,1-Dichloropropene	0.29032	0.29708	0.32907	0.32337	0.33875	0.32609	AVRG		0.31745		6.05808	
39 Carbon Tetrachloride	0.22408	0.23013	0.25664	0.28586	0.30513	0.30466	AVRG		0.26775		13.50067	
40 1,2-Dichloroethane	0.31362	0.31023	0.35780	0.33664	0.35664	0.34077	AVRG		0.33595		6.08563	
41 Benzene	1.24094	1.13741	1.08446	1.03915	1.08444	1.07163	AVRG		1.10967		6.46005	
42 Trichloroethene	0.26953	0.27356	0.29714	0.28915	0.29771	0.29792	AVRG		0.28750		4.47032	
43 1,2-Dichloropropane	0.23003	0.23205	0.25222	0.24149	0.25515	0.24675	AVRG		0.24295		4.26660	
44 1,4-Dioxane	2369	7213	53558	100652	200333	495860	LINR	-1.08873	0.00277		0.99935	<-
45 Dibromomethane	0.13219	0.13931	0.14998	0.15038	0.15556	0.15071	AVRG		0.14636		5.98279	
46 Bromodichloromethane	0.26435	0.27743	0.32183	0.31392	0.33367	0.33275	AVRG		0.30732		9.58051	
47 2-Chloroethyl vinyl ether	0.07339	0.09111	0.09963	0.09866	0.10431	0.10265	AVRG		0.09496		12.11722	
48 cis-1,3-Dichloropropene	0.37293	0.35347	0.41267	0.40694	0.43584	0.43598	AVRG		0.40297		8.32920	
49 4-Methyl-2-pentanone	0.30412	0.27611	0.31410	0.29715	0.30925	0.30419	AVRG		0.30082		4.44390	
50 Toluene	1.34978	1.27209	1.35102	1.33890	1.39697	1.42392	AVRG		1.35545		3.85998	

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Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

	Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	51 trans-1,3-Dichloropropene	0.36981	0.38420	0.45228	0.44468	0.48121	0.49737	AVRG		0.43826		11.71744
	52 Ethyl Methacrylate	0.40957	0.36754	0.45855	0.45198	0.47767	0.49238	AVRG		0.44295		10.47986
	53 1,1,2-Trichloroethane	0.24456	0.26797	0.29854	0.28540	0.29312	0.29390	AVRG		0.28058		7.36764
	54 1,3-Dichloropropane	0.51934	0.50799	0.52699	0.51657	0.53906	0.54299	AVRG		0.52549		2.57611
	55 Tetrachloroethene	0.24130	0.24255	0.26591	0.26051	0.27030	0.27232	AVRG		0.25882		5.29474
	56 2-Hexanone	0.27661	0.26820	0.31420	0.29857	0.31296	0.31583	AVRG		0.29773		6.96439
	57 Dibromochloromethane	0.24036	0.23622	0.28428	0.27942	0.30567	0.32162	AVRG		0.27793		12.33051
	58 1,2-Dibromoethane	0.28561	0.27711	0.30870	0.30542	0.31007	0.31736	AVRG		0.30071		5.22904
	59 Chlorobenzene	0.88346	0.88927	0.96673	0.93087	0.96941	0.98195	AVRG		0.93695		4.56253
	60 1,1,1,2-Tetrachloroethane	0.27625	0.28275	0.31304	0.31316	0.33218	0.34586	AVRG		0.31054		8.73178
	61 Ethylbenzene	0.45424	0.44002	0.48702	0.47100	0.48941	0.50063	AVRG		0.47372		4.87814
	62 m + p-Xylene	0.54935	0.56230	0.60966	0.59802	0.62534	0.65655	AVRG		0.60020		6.63245
M	63 Xylenes (total)	0.54341	0.55356	0.60717	0.59725	0.62488	0.65204	AVRG		0.59638		6.98102
	64 Xylene-o	0.53155	0.53606	0.60219	0.59570	0.62396	0.64303	AVRG		0.58875		7.76993
	65 Styrene	0.82997	0.90949	1.09962	1.06770	1.14621	1.22183	AVRG		1.04580		14.15742
	66 Bromoform	4264	8292	54049	110782	252569	708641	LINR	0.11130	0.23973		0.99776
	67 Isopropylbenzene	1.16775	1.13931	1.28093	1.24032	1.31438	1.36535	AVRG		1.25134		6.92139

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Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
68 1,1,2,2-Tetrachloroethane	0.69354	0.70648	0.76352	0.72741	0.73559	0.72712	AVRG		0.72561		3.34023
69 1,4-Dichloro-2-butene	2366	4764	31453	61801	138948	373113	LINR	0.05840	0.22714		0.99948
70 1,2,3-Trichloropropane	0.26534	0.28355	0.28843	0.27627	0.27885	0.27505	AVRG		0.27791		2.84287
71 Bromobenzene	0.80068	0.78576	0.84238	0.81185	0.82760	0.83809	AVRG		0.81773		2.71627
72 n-Propylbenzene	0.58699	0.59221	0.67707	0.65914	0.69572	0.68014	AVRG		0.64854		7.26925
73 2-Chlorotoluene	0.59551	0.63538	0.68305	0.66019	0.67727	0.67491	AVRG		0.65438		5.12723
74 1,3,5-Trimethylbenzene	1.69261	1.72327	1.98565	1.91045	2.02732	2.04642	AVRG		1.89762		8.14015
75 4-Chlorotoluene	0.66698	0.66238	0.71139	0.69565	0.72741	0.72663	AVRG		0.69841		4.09990
76 tert-Butylbenzene	1.51086	1.49708	1.63078	1.56907	1.64843	1.63280	AVRG		1.58150		4.17621
77 1,2,4-Trimethylbenzene	1.84115	1.79752	2.06119	2.03241	2.10587	2.13818	AVRG		1.99605		7.12858
78 sec-Butylbenzene	1.90804	1.86733	2.13276	2.10112	2.21567	2.21456	AVRG		2.07325		7.29169
79 4-Isopropyltoluene	1.66799	1.57825	1.83640	1.81972	1.90918	1.91791	AVRG		1.78824		7.63915
80 1,3-Dichlorobenzene	1.23573	1.31515	1.35810	1.30476	1.35416	1.36955	AVRG		1.32291		3.76125
81 1,4-Dichlorobenzene	1.38334	1.40789	1.45948	1.39937	1.44804	1.43758	AVRG		1.42262		2.11549
82 n-Butylbenzene	1.28026	1.22811	1.42621	1.44327	1.52986	1.54845	AVRG		1.40936		9.24151
83 1,2-Dichlorobenzene	1.27573	1.26522	1.33544	1.29505	1.33167	1.35450	AVRG		1.30960		2.75298
84 1,2-Dibromo-3-chloropropane	1437	3478	20064	39155	92206	244277	LINR	0.06244	0.14900		0.99926

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Cal Date : 02-Jun-2004 20:42 laveyt

Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
85 1,2,4-Trichlorobenzene	0.52336	0.47876	0.53023	0.54074	0.56513	0.58084	AVRG		0.53651		6.64193	
86 Hexachlorobutadiene	0.25629	0.23365	0.25232	0.24800	0.25151	0.23896	AVRG		0.24679		3.52564	
87 Naphthalene	15020	30270	187154	401248	888666	2465983	LINR	0.08157	1.50363		0.99901	
88 1,2,3-Trichlorobenzene	0.34134	0.31767	0.36576	0.37319	0.38458	0.39626	AVRG		0.36313		7.98793	
89 Ethyl Ether	0.17782	0.20742	0.21173	0.21762	0.22193	0.21539	AVRG		0.20865		7.61501	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	+++++	0.09566	0.11278	0.11685	0.13172	0.12926	AVRG		0.11726		12.35915	
92 Isopropyl Ether	0.20166	0.21169	0.21968	0.22320	0.22566	0.23150	AVRG		0.21890		4.88895	
93 2-Chloro-1,3-butadiene	0.26605	0.29583	0.34248	0.34619	0.36119	0.36524	AVRG		0.32950		12.05226	
94 Propionitrile	643	2885	20850	40376	95462	223229	LINR	0.05872	0.03716		0.99887	
95 Ethyl Acetate	0.26053	0.27525	0.27725	0.27604	0.27948	0.27684	AVRG		0.27424		2.50126	
96 Methacrylonitrile	0.14318	0.15036	0.17485	0.18587	0.18289	0.17288	AVRG		0.16834		10.41459	
97 Isobutanol	+++++	4506	40282	81815	197014	442460	LINR	0.57771	0.00910		0.99724	<-
98 Cyclohexane	6955	19267	114423	229808	492323	1202614	LINR	0.00005	0.33733		0.99930	
99 n-Butanol	+++++	3642	25354	50306	135950	357196	LINR	3.44260	0.00743		0.99762	<-
100 Methyl Methacrylate	0.17380	0.19759	0.22813	0.24348	0.25534	0.25100	AVRG		0.22489		14.50343	
101 2-Nitropropane	+++++	1651	9830	23571	49079	140787	LINR	0.30777	0.02359		0.99748	

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Cal Date : 02-Jun-2004 20:42 laveyt

	Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	103 Cyclohexanone	+++++	0.01931	0.02213	0.02243	0.02542	0.02367	AVRG		0.02259		9.94005	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	141 1,3,5-Trichlorobenzene	0.60635	0.62060	0.68064	0.65993	0.68942	0.68894	AVRG		0.65765		5.49357	
	143 Methyl Acetate	0.24688	0.22321	0.23212	0.21479	0.21678	0.21472	AVRG		0.22475		5.66124	
	144 Methylcyclohexane	0.23793	0.26160	0.25844	0.25742	0.28618	0.27659	AVRG		0.26303		6.37202	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	146 2-Methylnaphthalene	2803	11254	56537	223732	481119	775451	QUAD	0.93078	2.26223	0.84641	0.99606	
	147 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

Report Date : 03-Jun-2004 00:47

STL North Canton

INITIAL CALIBRATION DATA

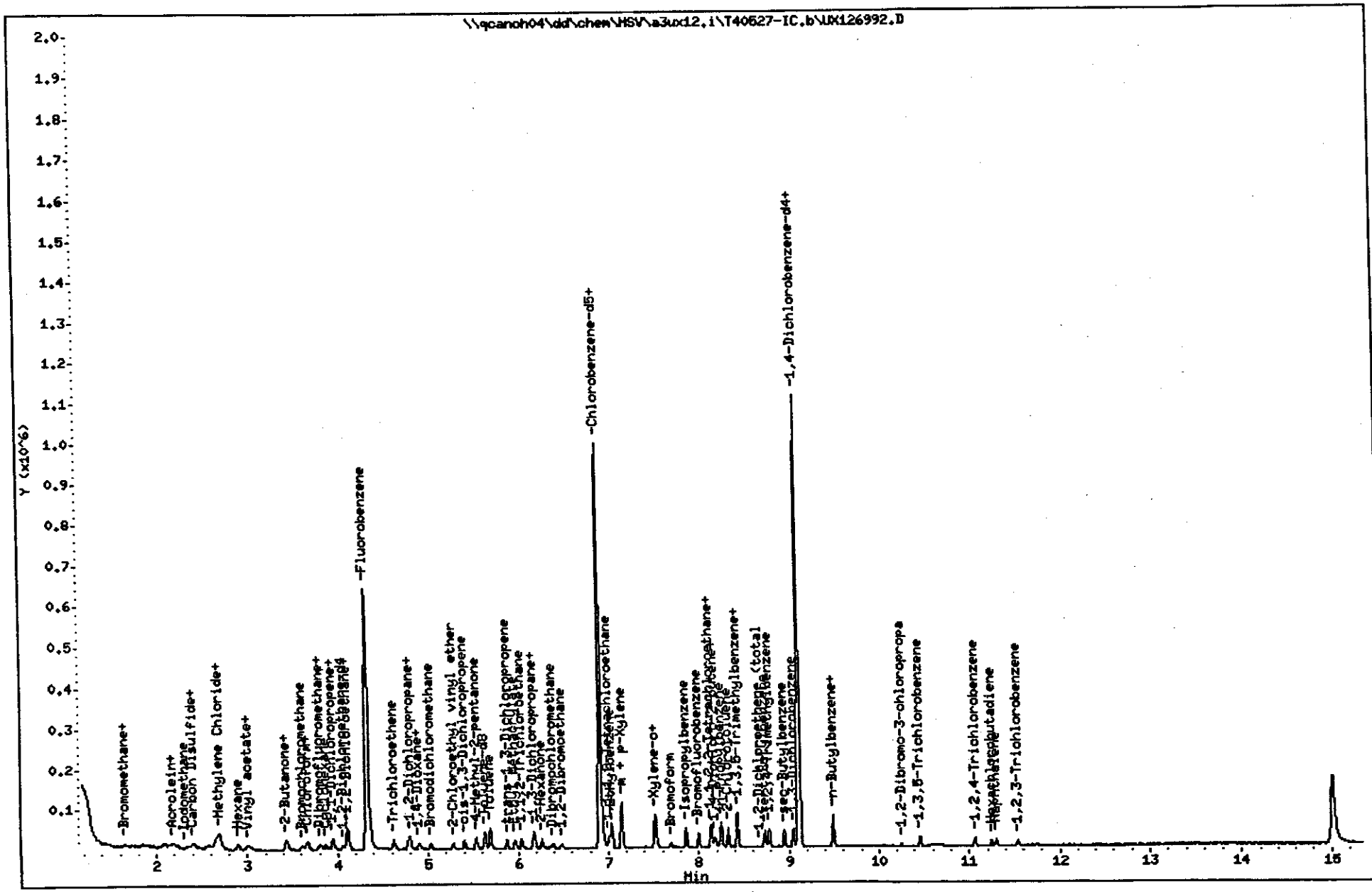
Start Cal Date : 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Cal Date : 02-Jun-2004 20:42 laveyt

Compound	2.5000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
$ 4 Dibromofluoromethane	+++++	0.19300	0.21349	0.21550	0.21938	0.21029	AVRG		0.21033		4.86611
$ 5 1,2-Dichloroethane-d4	+++++	0.24015	0.27095	0.26957	0.27694	0.26655	AVRG		0.26483		5.40214
$ 6 Toluene-d8	+++++	0.97406	1.04315	1.02445	1.04881	1.06077	AVRG		1.03025		3.30351
$ 7 Bromofluorobenzene	+++++	0.39809	0.43393	0.43198	0.44385	0.44999	AVRG		0.43157		4.65829

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40527-IC.b\UX126992.D
Date : 27-MAY-2004 22:05
Client ID:
Sample Info: 2.5NC-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



612

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126992.D
Report Date: 28-May-2004 16:18

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126992.D
Lab Smp Id: 2.5NG-IC
Inj Date : 27-MAY-2004 22:05 Inst ID: a3ux12.i
Operator : 1903
Smp Info : 2.5NG-IC
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:18 laveyt Quant Type: ISTD
Cal Date : 27-MAY-2004 22:05 Cal File: UX126992.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000 Compound Sublist: 2-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	1 Fluorobenzene	96	4.324	4.324	(1.000)	696261	50.0000	
*	2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	594526	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	300518	50.0000	
$	4 Dibromofluoromethane	113	3.794	3.794	(0.878)	6137	2.50000	2.095
$	5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	7690	2.50000	2.085
$	6 Toluene-d8	98	5.638	5.638	(0.816)	28658	2.50000	2.339
$	7 Bromofluorobenzene	95	8.004	8.004	(1.158)	12100	2.50000	2.358
	8 Dichlorodifluoromethane	85	1.245	1.245	(0.288)	7158	2.50000	2.072
	9 Chloromethane	50	1.361	1.361	(0.315)	15523	2.50000	2.706
	10 Vinyl Chloride	62	1.440	1.440	(0.333)	11024	2.50000	2.244
	11 Bromomethane	94	1.635	1.635	(0.378)	7533	2.50000	2.509
	12 Chloroethane	64	1.744	1.744	(0.403)	6186	2.50000	1.990
	13 Trichlorofluoromethane	101	1.866	1.866	(0.432)	9616	2.50000	2.093
	15 Acrolein	56	2.079	2.079	(0.481)	13371	25.0000	25.800
	16 Acetone	43	2.194	2.194	(0.508)	23041	5.00000	2.241(M)
	17 1,1-Dichloroethene	96	2.237	2.237	(0.517)	6376	2.50000	2.407
	18 Freon-113	151	2.225	2.225	(0.515)	840	2.50000	2.492

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126992.D
Report Date: 28-May-2004 16:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.353	2.353	(0.544)	11098	2.50000	2.120
	20 Carbon Disulfide	76	2.389	2.389	(0.553)	27469	2.50000	2.307
	21 Methylene Chloride	84	2.596	2.596	(0.600)	8447	2.50000	2.127
	22 Acetonitrile	41	2.407	2.407	(0.557)	13056	25.0000	23.915
	23 Acrylonitrile	53	2.663	2.663	(0.616)	32496	25.0000	22.952
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	23900	2.50000	2.331
	25 trans-1,2-Dichloroethene	96	2.693	2.693	(0.623)	7877	2.50000	2.242
	26 Hexane	57	2.900	2.900	(0.671)	6523	2.50000	2.267
	27 Vinyl acetate	43	3.028	3.028	(0.700)	13738	2.50000	2.509
	28 1,1-Dichloroethane	63	2.997	2.997	(0.693)	13229	2.50000	2.298
	29 tert-Butyl Alcohol	59	2.578	2.578	(0.596)	13967	50.0000	42.658
	30 2-Butanone	43	3.435	3.435	(0.795)	16963	5.00000	6.293
M	31 1,2-Dichloroethene (total)	96				16124	5.00000	4.465
	32 cis-1,2-dichloroethene	96	3.435	3.435	(0.795)	8247	2.50000	2.222
	33 2,2-Dichloropropane	77	3.423	3.423	(0.792)	4490	2.50000	2.222
	34 Bromochloromethane	128	3.606	3.606	(0.834)	3849	2.50000	2.122
	35 Chloroform	83	3.667	3.667	(0.848)	13396	2.50000	2.318
	36 Tetrahydrofuran	42	3.654	3.654	(0.845)	4816	2.50000	2.106
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	9561	2.50000	2.068
	38 1,1-Dichloropropene	75	3.953	3.953	(0.914)	10107	2.50000	2.286
	39 Carbon Tetrachloride	117	3.959	3.959	(0.916)	7801	2.50000	2.092
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	10918	2.50000	2.334
	41 Benzene	78	4.105	4.105	(0.949)	43201	2.50000	2.796
	42 Trichloroethene	130	4.622	4.622	(1.069)	9383	2.50000	2.344
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	8008	2.50000	2.367
	44 1,4-Dioxane	88	4.926	4.926	(1.139)	2369	125.000	7.025
	45 Dibromomethane	93	4.889	4.889	(1.131)	4602	2.50000	2.258
	46 Bromodichloromethane	83	5.023	5.023	(1.162)	9203	2.50000	2.150
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	5110	5.00000	3.864
	48 cis-1,3-Dichloropropene	75	5.407	5.407	(1.250)	12983	2.50000	2.314
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	21175	5.00000	5.055
	50 Toluene	91	5.692	5.692	(0.824)	40124	2.50000	2.490
	51 trans-1,3-Dichloropropene	75	5.875	5.875	(0.850)	10993	2.50000	2.110
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	12175	2.50000	2.312
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.874)	7270	2.50000	2.179
	54 1,3-Dichloropropane	76	6.185	6.185	(0.895)	15438	2.50000	2.471
	55 Tetrachloroethene	164	6.167	6.167	(0.893)	7173	2.50000	2.331
	56 2-Hexanone	43	6.264	6.264	(0.907)	16445	5.00000	4.645
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	7145	2.50000	2.162
	58 1,2-Dibromoethane	107	6.489	6.489	(0.939)	8490	2.50000	2.374
	59 Chlorobenzene	112	6.934	6.934	(1.004)	26262	2.50000	2.357
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.014)	8212	2.50000	2.224
	61 Ethylbenzene	106	7.037	7.037	(1.018)	13503	2.50000	2.397
	62 m + p-Xylene	106	7.146	7.146	(1.034)	32660	5.00000	4.576
M	63 Xylenes (total)	106				48461	7.50000	6.833
	64 Xylene-o	106	7.511	7.511	(1.087)	15801	2.50000	2.257
	65 Styrene	104	7.524	7.524	(1.089)	24672	2.50000	1.984

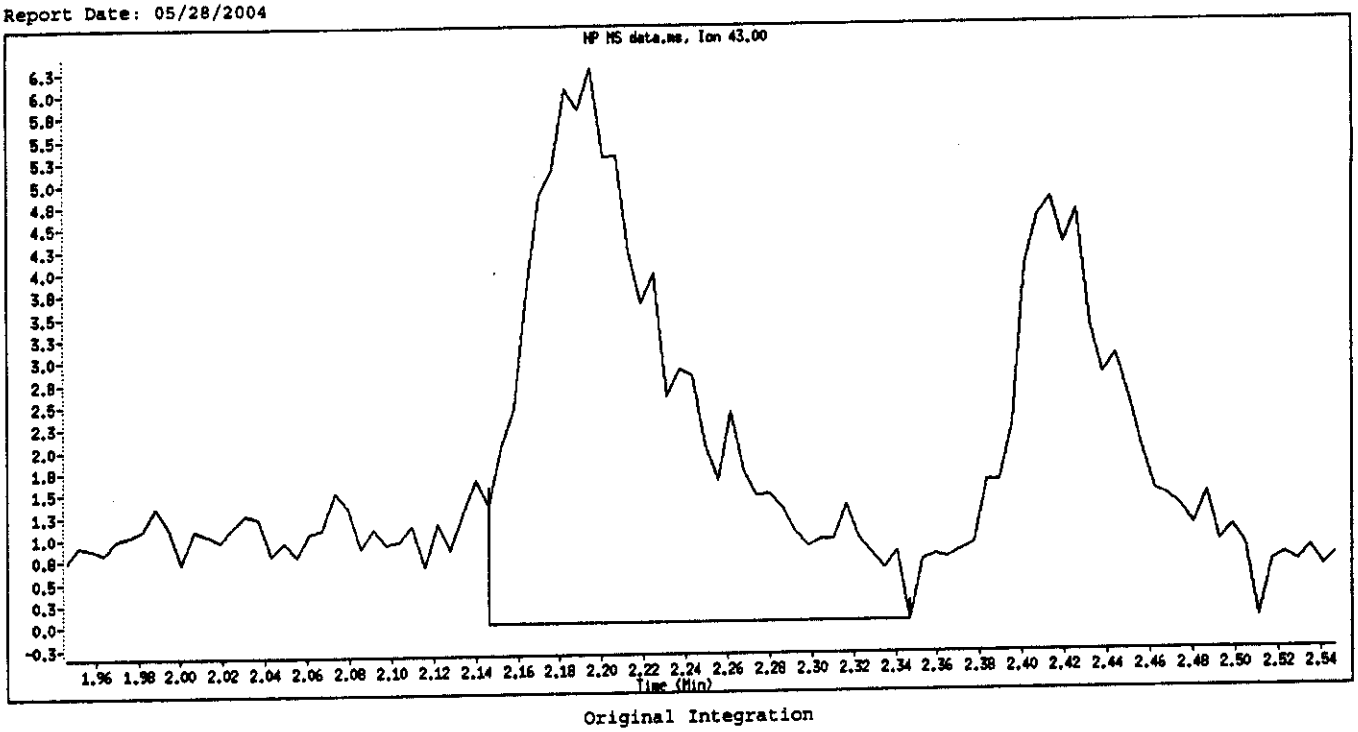
Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126992.D
Report Date: 28-May-2004 16:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.113)	4264	2.50000	7.061
67 Isopropylbenzene	105	7.864	7.864	(1.138)	34713	2.50000	2.333
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	10421	2.50000	2.389
69 1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	2366	2.50000	4.653
70 1,2,3-Trichloropropane	110	8.175	8.175	(0.898)	3987	2.50000	2.387
71 Bromobenzene	156	8.138	8.138	(0.894)	12031	2.50000	2.448
72 n-Propylbenzene	120	8.254	8.254	(0.906)	8820	2.50000	2.263
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	8948	2.50000	2.275
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	25433	2.50000	2.230
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	10022	2.50000	2.388
76 tert-Butylbenzene	119	8.728	8.728	(0.959)	22702	2.50000	2.388
77 1,2,4-Trimethylbenzene	105	8.777	8.777	(0.964)	27665	2.50000	2.306
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	28670	2.50000	2.301
79 4-Isopropyltoluene	119	9.087	9.087	(0.998)	25063	2.50000	2.332
80 1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	18568	2.50000	2.335
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	20786	2.50000	2.431
82 n-Butylbenzene	91	9.489	9.489	(1.042)	19237	2.50000	2.271
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	19169	2.50000	2.435
84 1,2-Dibromo-3-chloropropane	157	10.249	10.249	(1.126)	1437	2.50000	4.726
85 1,2,4-Trichlorobenzene	180	11.070	11.070	(1.216)	7864	2.50000	2.439
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	3851	2.50000	2.596
87 Naphthalene	128	11.302	11.302	(1.241)	15020	2.50000	5.741
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	5129	2.50000	2.350
98 Cyclohexane	56	3.873	3.873	(0.896)	6955	2.50000	1.483
143 Methyl Acetate	43	2.413	2.413	(0.558)	17189	5.00000	5.492
144 Methylcyclohexane	83	4.780	4.780	(1.106)	8283	2.50000	2.261
141 1,3,5-Trichlorobenzene	180	10.456	10.456	(1.148)	9111	2.50000	2.305

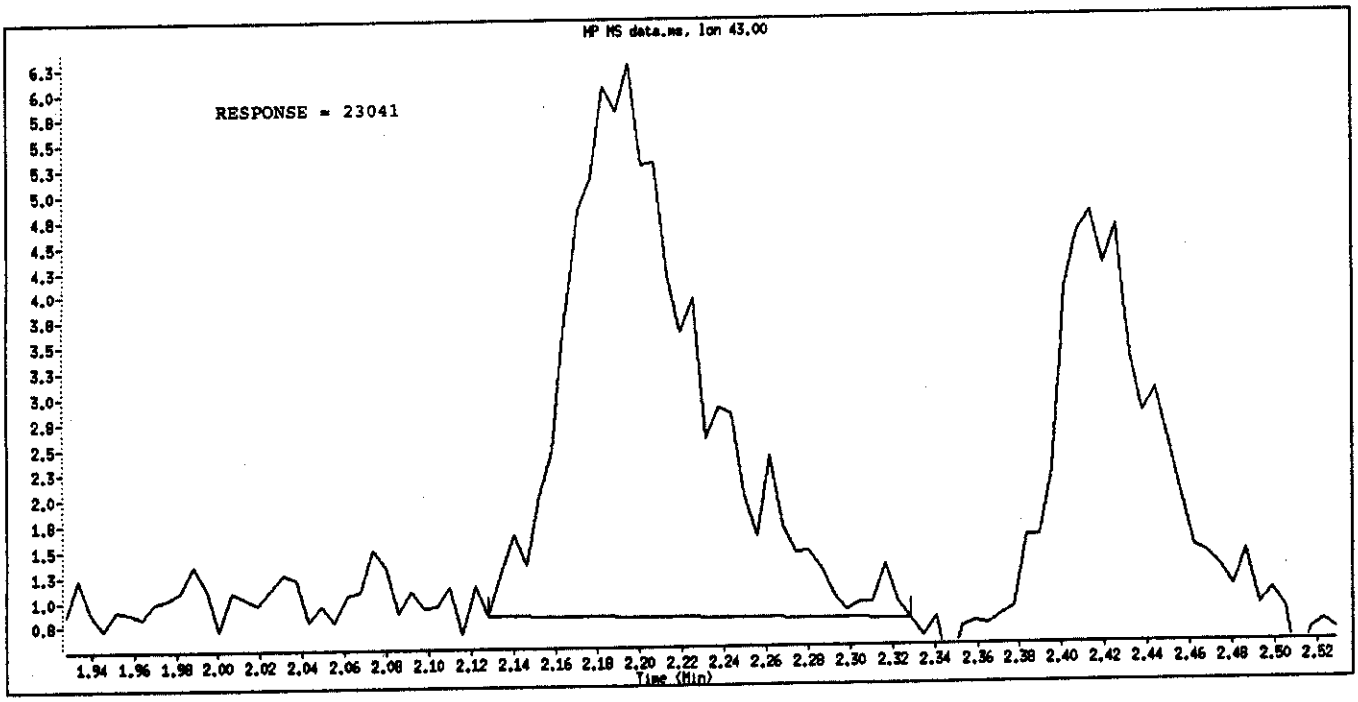
QC Flag Legend

M - Compound response manually integrated.

Data File Name: UX126992.D
Inj. Date and Time: 27-MAY-2004 22:05
Instrument ID: a3ux12.i
Client ID:
Compound Name: Acetone
CAS #: 67-64-1
Report Date: 05/28/2004

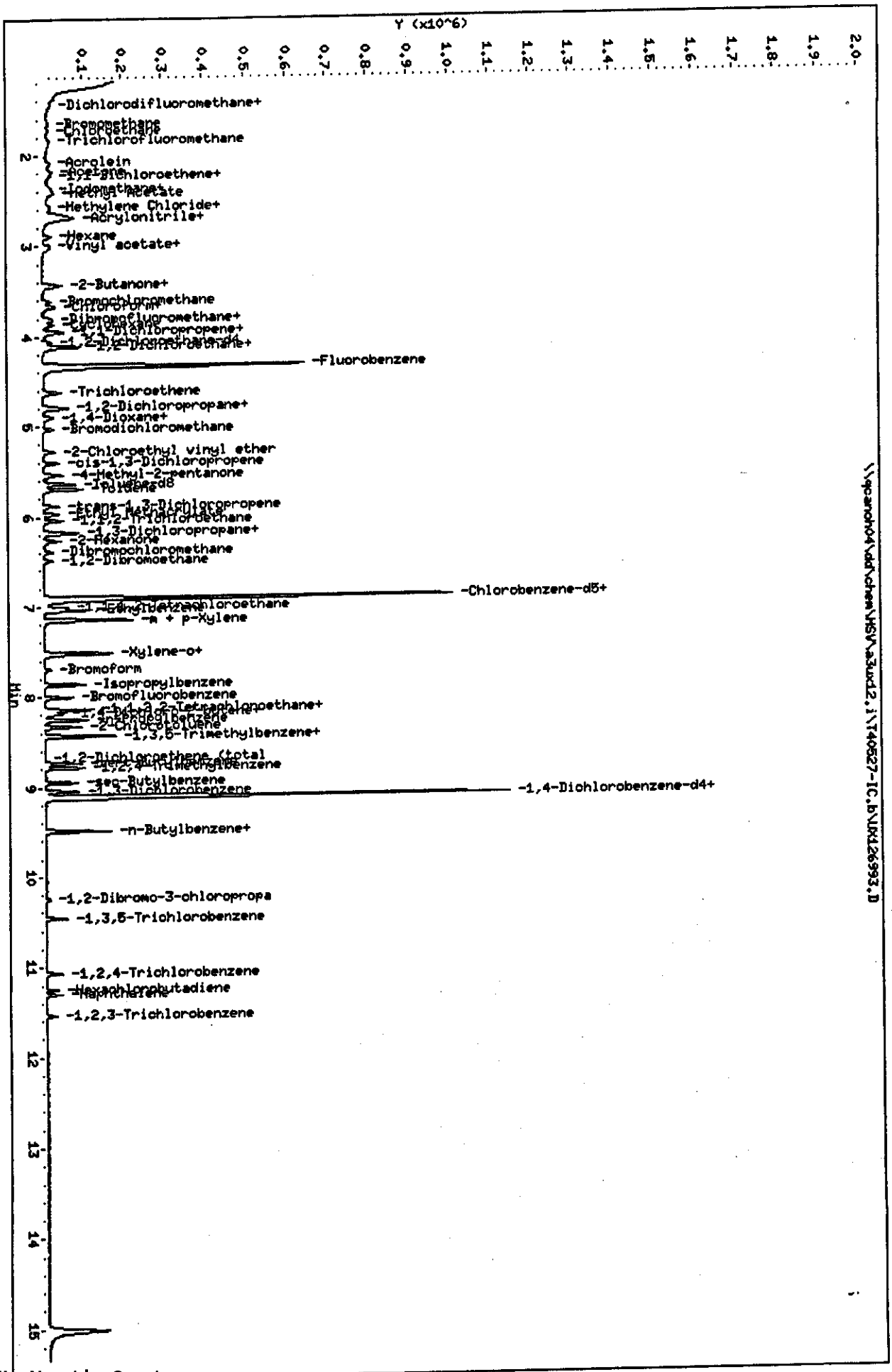


Original Integration



Manual Integration

Manually Integrated By: LaveyT
Manual Integration Reason: Poor Chromatography


Data File: \\qcanon04\dd\chem\VHSV\a3ud12.i\T40527-IC.b\UX126993.D
Date : 27-MAY-2004 22:28
Client ID:
Sample Info: ENG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ud12.i
Operator: 1903
Column diameter: 0.18
\\qcanon04\dd\chem\VHSV\a3ud12.i\T40527-IC.b\UX126993.D
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Chloromethane
-Trichlorofluoromethane
-Acrolein
-Iodomethane+
-Methyl Acetate
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Chloroform
-Dibromofluoromethane+
-1,2-Dichloropropene+
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-Ethylbenzene
-m + p-Xylene
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-Bromobenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-1,2-Dichloroethene (total
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126993.D
Report Date: 28-May-2004 16:19

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126993.D
Lab Smp Id: 5NG-IC
Inj Date : 27-MAY-2004 22:28 Inst ID: a3ux12.i
Operator : 1903
Smp Info : 5NG-IC
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:19 laveyt Quant Type: ISTD
Cal Date : 27-MAY-2004 22:05 Cal File: UX126992.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

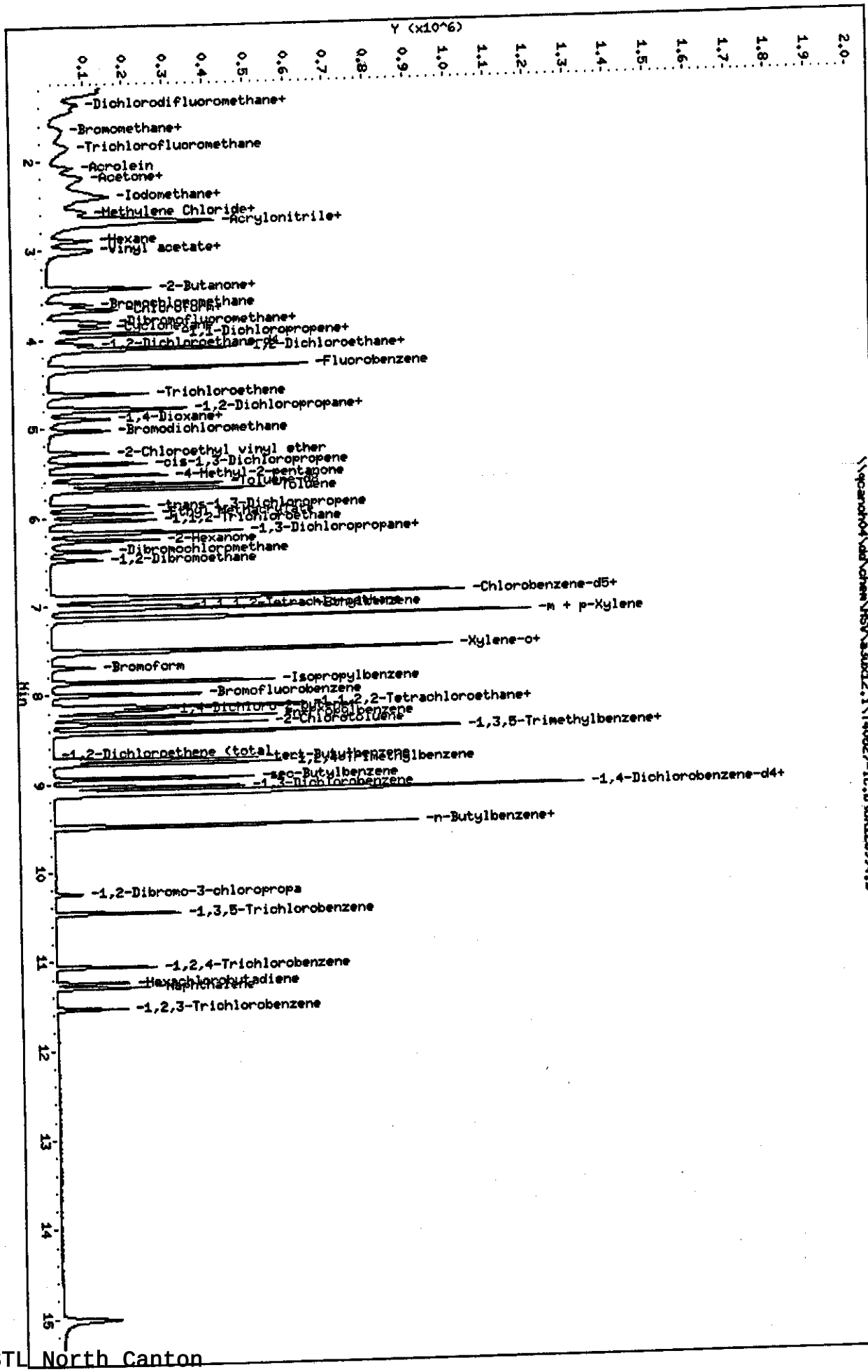
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
		====	==	======	======	========	=======	=======
*	1 Fluorobenzene	96	4.324	4.324	(1.000)	692398	50.0000	
*	2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	586524	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	301821	50.0000	
$	4 Dibromofluoromethane	113	3.801	3.801	(0.879)	13363	5.00000	4.588
$	5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	16628	5.00000	4.534
$	6 Toluene-d8	98	5.638	5.638	(0.816)	57131	5.00000	4.727
$	7 Bromofluorobenzene	95	7.998	7.998	(1.158)	23349	5.00000	4.612
	8 Dichlorodifluoromethane	85	1.264	1.264	(0.292)	14104	5.00000	4.106
	9 Chloromethane	50	1.361	1.361	(0.315)	26749	5.00000	4.688
	10 Vinyl Chloride	62	1.446	1.446	(0.335)	21464	5.00000	4.394
	11 Bromomethane	94	1.647	1.647	(0.381)	15385	5.00000	5.153
	12 Chloroethane	64	1.720	1.720	(0.398)	14255	5.00000	4.612
	13 Trichlorofluoromethane	101	1.860	1.860	(0.430)	19915	5.00000	4.360
	15 Acrolein	56	2.079	2.079	(0.481)	24701	50.0000	47.928
	16 Acetone	43	2.188	2.188	(0.506)	30737	10.0000	6.765
	17 1,1-Dichloroethene	96	2.225	2.225	(0.515)	14881	5.00000	4.652
	18 Freon-113	151	2.237	2.237	(0.517)	5300	5.00000	4.208

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126993.D
Report Date: 28-May-2004 16:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.371	2.371	(0.548)	21917	5.00000	4.210
	20 Carbon Disulfide	76	2.383	2.383	(0.551)	52798	5.00000	4.460
	21 Methylene Chloride	84	2.566	2.566	(0.593)	21791	5.00000	5.518
	22 Acetonitrile	41	2.389	2.389	(0.553)	22922	50.0000	42.222
	23 Acrylonitrile	53	2.669	2.669	(0.617)	65263	50.0000	46.352
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	47206	5.00000	4.630
	25 trans-1,2-Dichloroethene	96	2.699	2.699	(0.624)	16359	5.00000	4.683
	26 Hexane	57	2.888	2.888	(0.668)	13132	5.00000	4.590
	27 Vinyl acetate	43	3.028	3.028	(0.700)	27053	5.00000	4.969
	28 1,1-Dichloroethane	63	2.991	2.991	(0.692)	27369	5.00000	4.782
	29 tert-Butyl Alcohol	59	2.584	2.584	(0.598)	29309	100.000	90.015
	30 2-Butanone	43	3.448	3.448	(0.797)	26940	10.0000	10.050
M	31 1,2-Dichloroethene (total)	96				34294	10.0000	9.543
	32 cis-1,2-dichloroethene	96	3.429	3.429	(0.793)	17935	5.00000	4.860
	33 2,2-Dichloropropane	77	3.429	3.429	(0.793)	9486	5.00000	4.722
	34 Bromochloromethane	128	3.612	3.612	(0.835)	8156	5.00000	4.521
	35 Chloroform	83	3.673	3.673	(0.849)	26686	5.00000	4.644
	36 Tetrahydrofuran	42	3.655	3.655	(0.845)	8397	5.00000	5.212
	37 1,1,1-Trichloroethane	97	3.825	3.825	(0.885)	18884	5.00000	4.108
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	20570	5.00000	4.679
	39 Carbon Tetrachloride	117	3.947	3.947	(0.913)	15934	5.00000	4.297
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	21480	5.00000	4.617
	41 Benzene	78	4.111	4.111	(0.951)	78754	5.00000	5.125
	42 Trichloroethene	130	4.628	4.628	(1.070)	18941	5.00000	4.758
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	16067	5.00000	4.776
	44 1,4-Dioxane	88	4.920	4.920	(1.138)	7213	250.000	133.74
	45 Dibromomethane	93	4.902	4.902	(1.134)	9646	5.00000	4.759
	46 Bromodichloromethane	83	5.023	5.023	(1.162)	19209	5.00000	4.514
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	12617	10.0000	9.595
	48 cis-1,3-Dichloropropene	75	5.401	5.401	(1.249)	24474	5.00000	4.386
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	38236	10.0000	9.179
	50 Toluene	91	5.693	5.693	(0.824)	74611	5.00000	4.692
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.851)	22534	5.00000	4.383
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	21557	5.00000	4.149
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.874)	15717	5.00000	4.775
	54 1,3-Dichloropropane	76	6.185	6.185	(0.895)	29795	5.00000	4.834
	55 Tetrachloroethene	164	6.173	6.173	(0.893)	14226	5.00000	4.686
	56 2-Hexanone	43	6.264	6.264	(0.907)	31461	10.0000	9.008
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	13855	5.00000	4.250
	58 1,2-Dibromoethane	107	6.490	6.490	(0.939)	16253	5.00000	4.608
	59 Chlorobenzene	112	6.934	6.934	(1.004)	52158	5.00000	4.746
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.014)	16584	5.00000	4.552
	61 Ethylbenzene	106	7.037	7.037	(1.018)	25808	5.00000	4.644
	62 m + p-Xylene	106	7.147	7.147	(1.034)	65961	10.0000	9.368
M	63 Xylenes (total)	106				97402	15.0000	13.921
	64 Xylene-o	106	7.512	7.512	(1.087)	31441	5.00000	4.552
	65 Styrene	104	7.524	7.524	(1.089)	53344	5.00000	4.348

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126993.D
Report Date: 28-May-2004 16:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Bromoform	173	7.688	7.688	(1.113)	8292	5.00000	8.514
67	Isopropylbenzene	105	7.858	7.858	(1.137)	66823	5.00000	4.552
68	1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	21323	5.00000	4.868
69	1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	4764	5.00000	6.394
70	1,2,3-Trichloropropane	110	8.187	8.187	(0.899)	8558	5.00000	5.101
71	Bromobenzene	156	8.138	8.138	(0.894)	23716	5.00000	4.804
72	n-Propylbenzene	120	8.254	8.254	(0.906)	17874	5.00000	4.566
73	2-Chlorotoluene	126	8.327	8.327	(0.914)	19177	5.00000	4.855
74	1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	52012	5.00000	4.541
75	4-Chlorotoluene	126	8.430	8.430	(0.926)	19992	5.00000	4.742
76	tert-Butylbenzene	119	8.734	8.734	(0.959)	45185	5.00000	4.733
77	1,2,4-Trimethylbenzene	105	8.783	8.783	(0.965)	54253	5.00000	4.503
78	sec-Butylbenzene	105	8.947	8.947	(0.983)	56360	5.00000	4.503
79	4-Isopropyltoluene	119	9.093	9.093	(0.999)	47635	5.00000	4.413
80	1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	39694	5.00000	4.971
81	1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	42493	5.00000	4.948
82	n-Butylbenzene	91	9.489	9.489	(1.042)	37067	5.00000	4.357
83	1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	38187	5.00000	4.830
84	1,2-Dibromo-3-chloropropane	157	10.243	10.243	(1.125)	3478	5.00000	6.989
85	1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	14450	5.00000	4.462
86	Hexachlorobutadiene	225	11.247	11.247	(1.235)	7052	5.00000	4.734
87	Naphthalene	128	11.296	11.296	(1.241)	30270	5.00000	7.414
88	1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	9588	5.00000	4.374
98	Cyclohexane	56	3.868	3.868	(0.894)	19267	5.00000	4.127
143	Methyl Acetate	43	2.414	2.414	(0.558)	30910	10.0000	9.931
144	Methylcyclohexane	83	4.786	4.786	(1.107)	18113	5.00000	4.973
141	1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	18731	5.00000	4.718



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Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ud12.i
Operator: 1903
Column diameter: 0.18

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Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126994.D
Report Date: 28-May-2004 16:19

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126994.D
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Inj Date : 27-MAY-2004 22:51 Inst ID: a3ux12.i
Operator : 1903
Smp Info : 25NG-IC
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:19 laveyt Quant Type: ISTD
Cal Date : 27-MAY-2004 22:05 Cal File: UX126992.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	691994	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	582851	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	307908	50.0000	
$ 4 Dibromofluoromethane	113	3.794	3.794	(0.878)	73866	25.0000	25.375
$ 5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	93748	25.0000	25.577
$ 6 Toluene-d8	98	5.632	5.632	(0.815)	304000	25.0000	25.313
$ 7 Bromofluorobenzene	95	7.998	7.998	(1.158)	126458	25.0000	25.137
8 Dichlorodifluoromethane	85	1.251	1.251	(0.290)	91838	25.0000	26.755
9 Chloromethane	50	1.367	1.367	(0.316)	145073	25.0000	25.442
10 Vinyl Chloride	62	1.434	1.434	(0.332)	125877	25.0000	25.787
11 Bromomethane	94	1.653	1.653	(0.382)	74361	25.0000	24.919
12 Chloroethane	64	1.732	1.732	(0.401)	82824	25.0000	26.814
13 Trichlorofluoromethane	101	1.872	1.872	(0.433)	122345	25.0000	26.799
15 Acrolein	56	2.079	2.079	(0.481)	134354	250.000	260.84
16 Acetone	43	2.188	2.188	(0.506)	105608	50.0000	50.098
17 1,1-Dichloroethene	96	2.207	2.207	(0.510)	91496	25.0000	24.805
18 Freon-113	151	2.225	2.225	(0.515)	58438	25.0000	24.652

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126994.D
Report Date: 28-May-2004 16:19

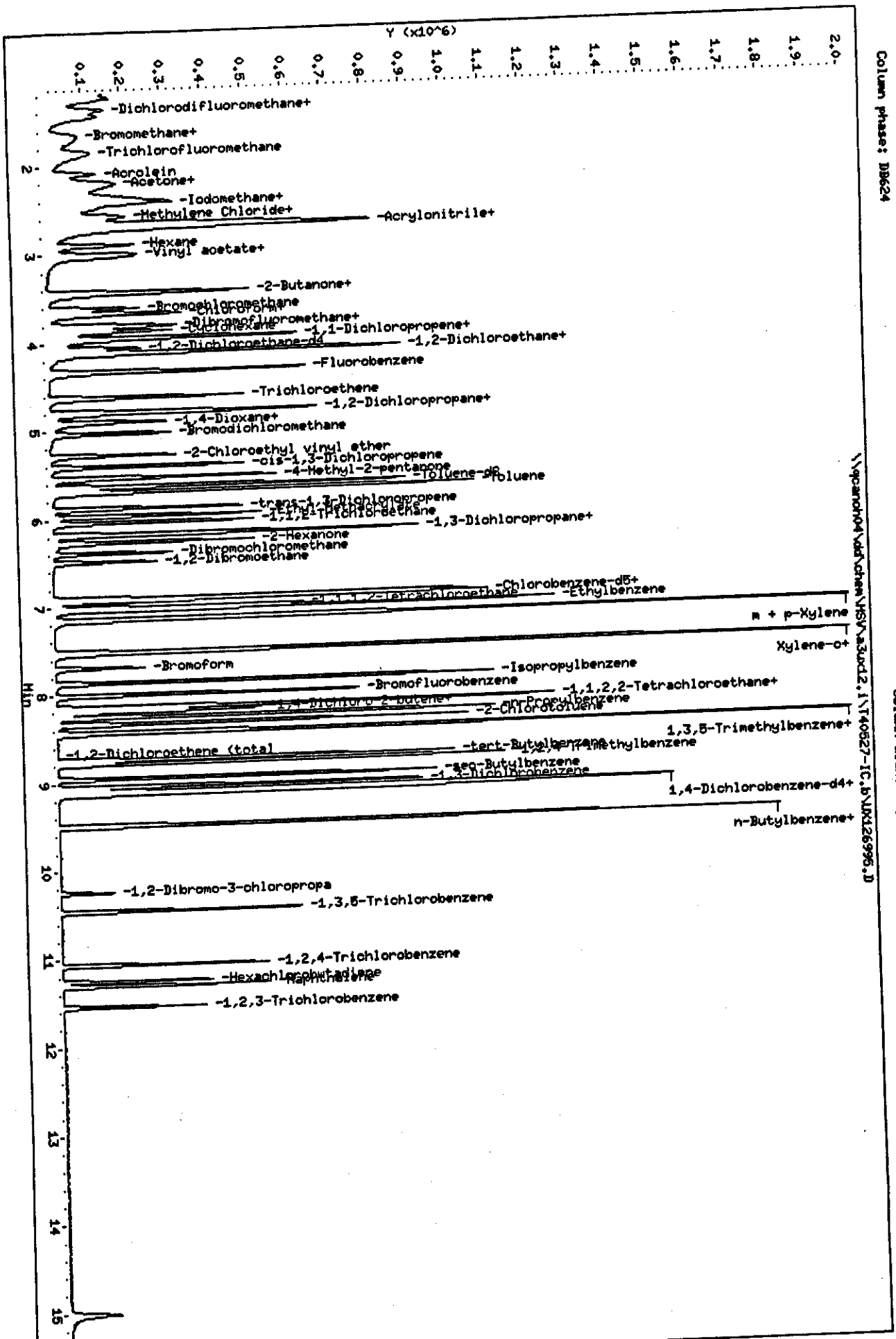
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.359	2.359	(0.546)	134741	25.0000	25.901
	20 Carbon Disulfide	76	2.377	2.377	(0.550)	308396	25.0000	26.065
	21 Methylene Chloride	84	2.596	2.596	(0.600)	103569	25.0000	26.241
	22 Acetonitrile	41	2.401	2.401	(0.555)	153715	250.000	283.30
	23 Acrylonitrile	53	2.663	2.663	(0.616)	371575	250.000	264.06
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	260110	25.0000	25.527
	25 trans-1,2-Dichloroethene	96	2.693	2.693	(0.623)	87837	25.0000	25.158
	26 Hexane	57	2.894	2.894	(0.669)	71421	25.0000	24.976
	27 Vinyl acetate	43	3.028	3.028	(0.700)	134680	25.0000	24.753
	28 1,1-Dichloroethane	63	2.997	2.997	(0.693)	149734	25.0000	26.175
	29 tert-Butyl Alcohol	59	2.572	2.572	(0.595)	174673	500.000	536.78
	30 2-Butanone	43	3.442	3.442	(0.796)	135890	50.0000	50.721
M	31 1,2-Dichloroethene (total)	96				185390	50.0000	51.611
	32 cis-1,2-dichloroethene	96	3.435	3.435	(0.795)	97553	25.0000	26.453
	33 2,2-Dichloropropane	77	3.429	3.429	(0.793)	49442	25.0000	24.624
	34 Bromochloromethane	128	3.612	3.612	(0.835)	48365	25.0000	26.826
	35 Chloroform	83	3.673	3.673	(0.849)	152660	25.0000	26.579
	36 Tetrahydrofuran	42	3.654	3.654	(0.845)	32456	25.0000	25.946
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	122175	25.0000	26.595
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	113856	25.0000	25.915
	39 Carbon Tetrachloride	117	3.953	3.953	(0.914)	88798	25.0000	23.963
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	123799	25.0000	26.626
	41 Benzene	78	4.111	4.111	(0.951)	375219	25.0000	24.432
	42 Trichloroethene	130	4.622	4.622	(1.069)	102808	25.0000	25.838
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	87267	25.0000	25.954
	44 1,4-Dioxane	88	4.926	4.926	(1.139)	53558	1250.00	1343.6(A)
	45 Dibromomethane	93	4.896	4.896	(1.132)	51894	25.0000	25.619
	46 Bromodichloromethane	83	5.029	5.029	(1.163)	111353	25.0000	26.180
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	68942	50.0000	52.459
	48 cis-1,3-Dichloropropene	75	5.400	5.400	(1.249)	142782	25.0000	25.602
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	217352	50.0000	52.206
	50 Toluene	91	5.692	5.692	(0.824)	393721	25.0000	24.918
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.851)	131806	25.0000	25.800
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	133632	25.0000	25.880
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.874)	87003	25.0000	26.600
	54 1,3-Dichloropropane	76	6.185	6.185	(0.895)	153577	25.0000	25.071
	55 Tetrachloroethene	164	6.173	6.173	(0.893)	77492	25.0000	25.685
	56 2-Hexanone	43	6.264	6.264	(0.907)	183131	50.0000	52.766
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	82847	25.0000	25.571
	58 1,2-Dibromoethane	107	6.483	6.483	(0.938)	89964	25.0000	25.664
	59 Chlorobenzene	112	6.934	6.934	(1.004)	281731	25.0000	25.795
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.014)	91227	25.0000	25.201
	61 Ethylbenzene	106	7.037	7.037	(1.018)	141931	25.0000	25.702
	62 m + p-Xylene	106	7.146	7.146	(1.034)	355341	50.0000	50.788
M	63 Xylenes (total)	106				530835	75.0000	76.359
	64 Xylene-o	106	7.511	7.511	(1.087)	175494	25.0000	25.571
	65 Styrene	104	7.524	7.524	(1.089)	320457	25.0000	26.286

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126994.D
Report Date: 28-May-2004 16:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.113)	54049	25.0000	24.906
67 Isopropylbenzene	105	7.858	7.858	(1.137)	373297	25.0000	25.591
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	117547	25.0000	26.306
69 1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	31453	25.0000	25.406
70 1,2,3-Trichloropropane	110	8.181	8.181	(0.898)	44405	25.0000	25.946
71 Bromobenzene	156	8.138	8.138	(0.894)	129688	25.0000	25.754
72 n-Propylbenzene	120	8.254	8.254	(0.906)	104238	25.0000	26.100
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	105158	25.0000	26.095
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	305698	25.0000	26.160
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	109521	25.0000	25.465
76 tert-Butylbenzene	119	8.734	8.734	(0.959)	251065	25.0000	25.779
77 1,2,4-Trimethylbenzene	105	8.783	8.783	(0.965)	317329	25.0000	25.816
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	328347	25.0000	25.718
79 4-Isopropyltoluene	119	9.093	9.093	(0.999)	282721	25.0000	25.673
80 1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	209085	25.0000	25.665
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	224693	25.0000	25.648
82 n-Butylbenzene	91	9.489	9.489	(1.042)	219571	25.0000	25.299
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	205596	25.0000	25.493
84 1,2-Dibromo-3-chloropropane	157	10.243	10.243	(1.125)	20064	25.0000	24.989
85 1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	81631	25.0000	24.707
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	38845	25.0000	25.560
87 Naphthalene	128	11.295	11.295	(1.241)	187154	25.0000	24.290
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	56310	25.0000	25.181
98 Cyclohexane	56	3.867	3.867	(0.894)	114423	25.0000	24.512
143 Methyl Acetate	43	2.413	2.413	(0.558)	160626	50.0000	51.640
144 Methylcyclohexane	83	4.786	4.786	(1.107)	89419	25.0000	24.564
141 1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	104787	25.0000	25.874

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.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Sample Info: 500G-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ud2.i
Operator: 1903
Column diameter: 0.18
\\qcanton4\dd\chem\HSV\a3ud2.i\T40527-IC.b\UX126995.D
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
Chloroform
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane
-Ethylbenzene
m + p-Xylene
Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-1,4-Dichloro-2-butene+
-n-Propylbenzene
-2-Chlorotoluene
1,3,5-Trimethylbenzene+
-1,2-Dichloroethene (total
-tert-Butylbenzene
1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126995.D
Report Date: 28-May-2004 16:20

STL North Canton

VOLATILE REPORT SW-846 Method

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Inj Date : 27-MAY-2004 23:15 Inst ID: a3ux12.i
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Comment :
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Meth Date : 28-May-2004 16:20 laveyt Quant Type: ISTD
Cal Date : 27-MAY-2004 22:05 Cal File: UX126992.D
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Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	691028	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	585398	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	312328	50.0000	
$ 4 Dibromofluoromethane	113	3.794	3.794	(0.878)	148914	50.0000	51.228
$ 5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	186282	50.0000	50.895
$ 6 Toluene-d8	98	5.632	5.632	(0.815)	599709	50.0000	49.718
$ 7 Bromofluorobenzene	95	7.998	7.998	(1.158)	252880	50.0000	50.048
8 Dichlorodifluoromethane	85	1.245	1.245	(0.288)	196093	50.0000	57.207
9 Chloromethane	50	1.361	1.361	(0.315)	292481	50.0000	51.365
10 Vinyl Chloride	62	1.434	1.434	(0.332)	262995	50.0000	53.952
11 Bromomethane	94	1.653	1.653	(0.382)	155899	50.0000	52.317
12 Chloroethane	64	1.732	1.732	(0.401)	174951	50.0000	56.720
13 Trichlorofluoromethane	101	1.866	1.866	(0.432)	252857	50.0000	55.464
15 Acrolein	56	2.085	2.085	(0.482)	274820	500.000	534.29
16 Acetone	43	2.188	2.188	(0.506)	187033	100.000	97.365
17 1,1-Dichloroethene	96	2.219	2.219	(0.513)	183741	50.0000	49.135
18 Freon-113	151	2.243	2.243	(0.519)	118288	50.0000	47.740

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126995.D
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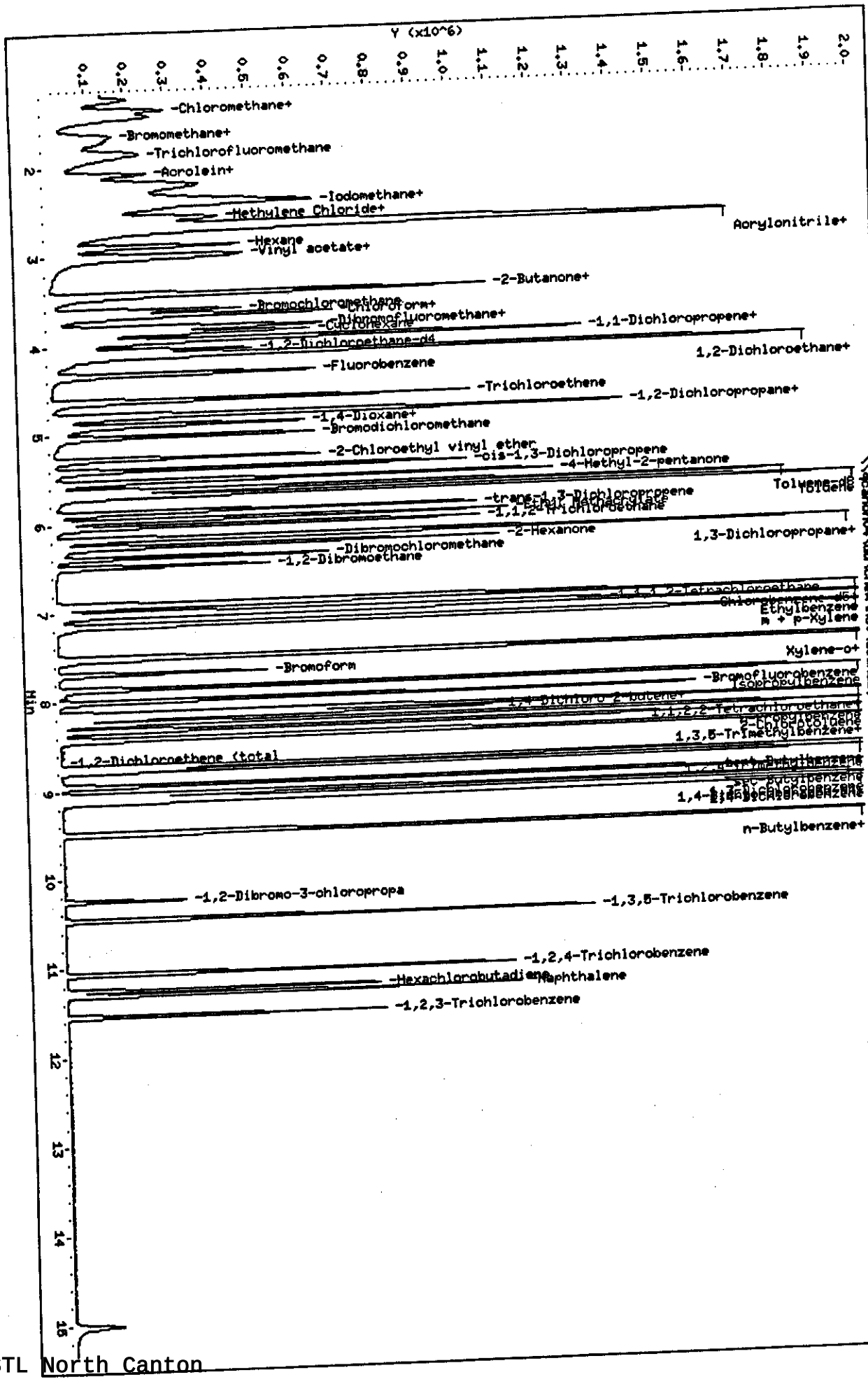
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.365	2.365	(0.547)	274495	50.0000	52.839
	20 Carbon Disulfide	76	2.377	2.377	(0.550)	601791	50.0000	50.934
	21 Methylene Chloride	84	2.602	2.602	(0.602)	199207	50.0000	50.544
	22 Acetonitrile	41	2.383	2.383	(0.551)	283103	500.000	522.50
	23 Acrylonitrile	53	2.657	2.657	(0.615)	714589	500.000	508.54
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	512581	50.0000	50.375
	25 trans-1,2-Dichloroethene	96	2.693	2.693	(0.623)	179951	50.0000	51.614
	26 Hexane	57	2.894	2.894	(0.669)	144546	50.0000	50.618
	27 Vinyl acetate	43	3.028	3.028	(0.700)	278146	50.0000	51.191
	28 1,1-Dichloroethane	63	2.991	2.991	(0.692)	287775	50.0000	50.376
	29 tert-Butyl Alcohol	59	2.572	2.572	(0.595)	336321	1000.00	1035.0(A)
	30 2-Butanone	43	3.436	3.436	(0.795)	232161	100.000	86.776
M	31 1,2-Dichloroethene (total)	96				364632	100.000	101.76
	32 cis-1,2-dichloroethene	96	3.429	3.429	(0.793)	184681	50.0000	50.148
	33 2,2-Dichloropropane	77	3.429	3.429	(0.793)	102400	50.0000	51.070
	34 Bromochloromethane	128	3.612	3.612	(0.835)	93925	50.0000	52.170
	35 Chloroform	83	3.673	3.673	(0.849)	287722	50.0000	50.164
	36 Tetrahydrofuran	42	3.655	3.655	(0.845)	58098	50.0000	48.109
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	245329	50.0000	53.478
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	223458	50.0000	50.933
	39 Carbon Tetrachloride	117	3.953	3.953	(0.914)	197540	50.0000	53.382
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	232625	50.0000	50.102
	41 Benzene	78	4.105	4.105	(0.949)	718084	50.0000	46.822
	42 Trichloroethene	130	4.622	4.622	(1.069)	199812	50.0000	50.287
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	166873	50.0000	49.699
	44 1,4-Dioxane	88	4.914	4.914	(1.136)	100652	2500.00	2576.7(A)
	45 Dibromomethane	93	4.896	4.896	(1.132)	103917	50.0000	51.374
	46 Bromodichloromethane	83	5.029	5.029	(1.163)	216925	50.0000	51.072
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	136357	100.000	103.90
	48 cis-1,3-Dichloropropene	75	5.401	5.401	(1.249)	281208	50.0000	50.492
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	410678	100.000	98.780
	50 Toluene	91	5.693	5.693	(0.824)	783792	50.0000	49.390
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.851)	260312	50.0000	50.732
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	264587	50.0000	51.020
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.874)	167071	50.0000	50.858
	54 1,3-Dichloropropane	76	6.185	6.185	(0.895)	302398	50.0000	49.151
	55 Tetrachloroethene	164	6.173	6.173	(0.893)	152502	50.0000	50.327
	56 2-Hexanone	43	6.264	6.264	(0.907)	349569	100.000	100.28
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	163573	50.0000	50.268
	58 1,2-Dibromoethane	107	6.483	6.483	(0.938)	178794	50.0000	50.783
	59 Chlorobenzene	112	6.934	6.934	(1.004)	544932	50.0000	49.676
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.014)	183323	50.0000	50.422
	61 Ethylbenzene	106	7.037	7.037	(1.018)	275721	50.0000	49.712
	62 m + p-Xylene	106	7.146	7.146	(1.034)	700157	100.000	99.636
M	63 Xylenes (total)	106				1048881	150.000	150.23
	64 Xylene-o	106	7.512	7.512	(1.087)	348724	50.0000	50.591
	65 Styrene	104	7.524	7.524	(1.089)	625028	50.0000	51.047

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126995.D
Report Date: 28-May-2004 16:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.113)	110782	50.0000	45.035
67 Isopropylbenzene	105	7.858	7.858	(1.137)	726080	50.0000	49.560
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	227192	50.0000	50.124
69 1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	61801	50.0000	46.477
70 1,2,3-Trichloropropane	110	8.181	8.181	(0.898)	86288	50.0000	49.705
71 Bromobenzene	156	8.138	8.138	(0.894)	253565	50.0000	49.641
72 n-Propylbenzene	120	8.254	8.254	(0.906)	205868	50.0000	50.817
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	206195	50.0000	50.443
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	596686	50.0000	50.338
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	217272	50.0000	49.803
76 tert-Butylbenzene	119	8.734	8.734	(0.959)	490063	50.0000	49.607
77 1,2,4-Trimethylbenzene	105	8.783	8.783	(0.965)	634777	50.0000	50.910
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	656240	50.0000	50.672
79 4-Isopropyltoluene	119	9.087	9.087	(0.998)	568348	50.0000	50.880
80 1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	407514	50.0000	49.314
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	437063	50.0000	49.183
82 n-Butylbenzene	91	9.489	9.489	(1.042)	450773	50.0000	51.203
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	404481	50.0000	49.444
84 1,2-Dibromo-3-chloropropane	157	10.249	10.249	(1.126)	39155	50.0000	45.191
85 1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	168889	50.0000	50.394
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	77458	50.0000	50.246
87 Naphthalene	128	11.295	11.295	(1.241)	401248	50.0000	46.799
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	116559	50.0000	51.385
98 Cyclohexane	56	3.867	3.867	(0.894)	229808	50.0000	49.295
143 Methyl Acetate	43	2.413	2.413	(0.558)	296854	100.000	95.569
144 Methylcyclohexane	83	4.780	4.780	(1.106)	177883	50.0000	48.934
141 1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	206116	50.0000	50.174

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Y (x10^6)
Min
-Chloromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein+
-Iodomethane+
-Methylene Chloride+
Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
Chloroform+
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
Ethyl Methacrylate
-1,1,2-Trichloroethane
-2-Hexanone
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
1,1,1,2-Tetrachloroethane
Chlorobenzene-d5
Ethylbenzene
m + p-Xylene
Xylene-o+
-Bromoform
-Bromofluorobenzene
Isopropylbenzene
1,4-Dichloro-2-butene+
1,1,2,2-Tetrachloroethane+
n-Propylbenzene+
2-Chlorotoluene+
1,3,5-Trimethylbenzene+
-1,2-Dichloroethene (total
tert-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
Naphthalene
-1,2,3-Trichlorobenzene
Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40527-IC.b\UX126996.D
Date : 27-MAY-2004 23:38
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18
\\qcanoh04\dd\chem\HSV\a3ux12.i\T40527-IC.b\UX126996.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126996.D
Report Date: 28-May-2004 16:21

STL North Canton

VOLATILE REPORT SW-846 Method
Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126996.D
Lab Smp Id: 100NG-IC
Inj Date : 27-MAY-2004 23:38 Inst ID: a3ux12.i
Operator : 1903
Smp Info : 100NG-IC
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:20 laveyt Quant Type: ISTD
Cal Date : 27-MAY-2004 22:05 Cal File: UX126992.D
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000 Compound Sublist: 2-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	695125	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	594569	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	320301	50.0000	
$ 4 Dibromofluoromethane	113	3.794	3.794	(0.878)	304991	100.000	104.30
$ 5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	385022	100.000	104.57
$ 6 Toluene-d8	98	5.632	5.632	(0.815)	1247184	100.000	101.80
$ 7 Bromofluorobenzene	95	7.998	7.998	(1.158)	527803	100.000	102.85
8 Dichlorodifluoromethane	85	1.252	1.252	(0.290)	382625	100.000	110.97
9 Chloromethane	50	1.367	1.367	(0.316)	574249	100.000	100.25
10 Vinyl Chloride	62	1.440	1.440	(0.333)	532750	100.000	108.65
11 Bromomethane	94	1.641	1.641	(0.380)	302625	100.000	100.96
12 Chloroethane	64	1.732	1.732	(0.401)	343152	100.000	110.60
13 Trichlorofluoromethane	101	1.872	1.872	(0.433)	512651	100.000	111.79
15 Acrolein	56	2.079	2.079	(0.481)	499008	1000.00	964.43
16 Acetone	43	2.188	2.188	(0.506)	390700	200.000	214.04(A)
17 1,1-Dichloroethene	96	2.231	2.231	(0.516)	387534	100.000	102.21
18 Freon-113	151	2.237	2.237	(0.517)	268688	100.000	105.07

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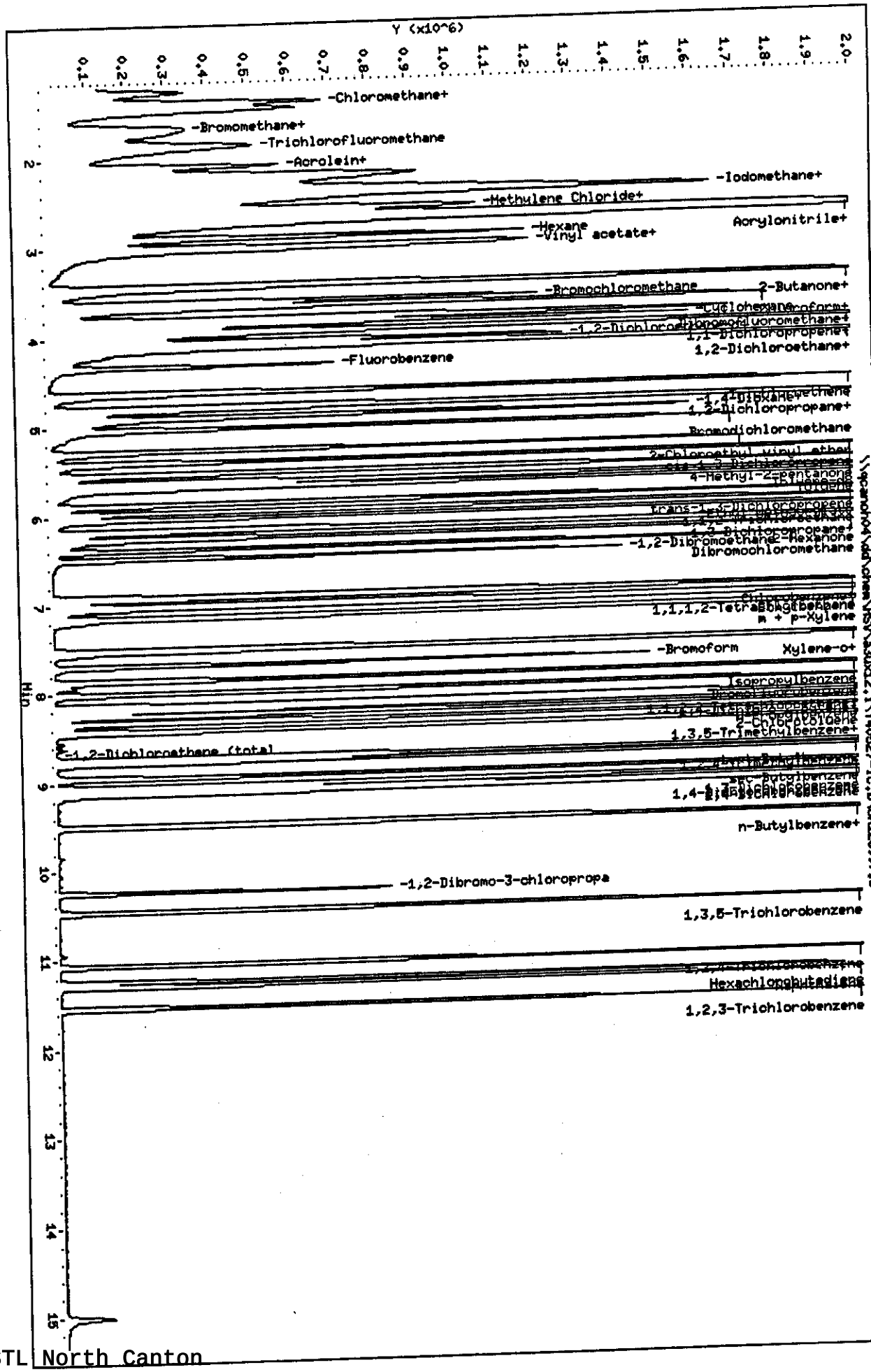
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	19 Iodomethane	142	2.365	2.365	(0.547)	584980	100.000	111.94
	20 Carbon Disulfide	76	2.383	2.383	(0.551)	1282133	100.000	107.88
	21 Methylene Chloride	84	2.584	2.584	(0.598)	403841	100.000	101.86
	22 Acetonitrile	41	2.383	2.383	(0.551)	565259	1000.00	1037.1
	23 Acrylonitrile	53	2.657	2.657	(0.615)	1453444	1000.00	1028.2
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	1084304	100.000	105.93
	25 trans-1,2-Dichloroethene	96	2.687	2.687	(0.622)	381392	100.000	108.75
	26 Hexane	57	2.888	2.888	(0.668)	311636	100.000	108.49
	27 Vinyl acetate	43	3.028	3.028	(0.700)	550840	100.000	100.78
	28 1,1-Dichloroethane	63	2.998	2.998	(0.693)	604437	100.000	105.19
	29 tert-Butyl Alcohol	59	2.578	2.578	(0.596)	707825	2000.00	2165.4(A)
	30 2-Butanone	43	3.436	3.436	(0.795)	502890	200.000	186.86
M	31 1,2-Dichloroethene (total)	96				775141	200.000	215.04
	32 cis-1,2-dichloroethene	96	3.429	3.429	(0.793)	393749	100.000	106.29
	33 2,2-Dichloropropane	77	3.429	3.429	(0.793)	216163	100.000	107.17
	34 Bromochloromethane	128	3.612	3.612	(0.835)	196816	100.000	108.68
	35 Chloroform	83	3.673	3.673	(0.849)	610787	100.000	105.86
	36 Tetrahydrofuran	42	3.655	3.655	(0.845)	120632	100.000	101.45
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	518247	100.000	112.30
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	470950	100.000	106.71
	39 Carbon Tetrachloride	117	3.953	3.953	(0.914)	424209	100.000	113.96
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	495822	100.000	106.16
	41 Benzene	78	4.105	4.105	(0.949)	1507638	100.000	97.726
	42 Trichloroethene	130	4.622	4.622	(1.069)	413897	100.000	103.55
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	354726	100.000	105.02
	44 1,4-Dioxane	88	4.920	4.920	(1.138)	200333	5000.00	5151.5(A)
	45 Dibromomethane	93	4.896	4.896	(1.132)	216273	100.000	106.29
	46 Bromodichloromethane	83	5.029	5.029	(1.163)	463882	100.000	108.57
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	290021	200.000	219.69(A)
	48 cis-1,3-Dichloropropene	75	5.401	5.401	(1.249)	605933	100.000	108.16
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	859882	200.000	205.61(A)
	50 Toluene	91	5.693	5.693	(0.824)	1661190	100.000	103.06
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.851)	572230	100.000	109.80
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	568011	100.000	107.84
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.874)	348558	100.000	104.47
	54 1,3-Dichloropropane	76	6.185	6.185	(0.895)	641014	100.000	102.58
	55 Tetrachloroethene	164	6.173	6.173	(0.893)	321427	100.000	104.44
	56 2-Hexanone	43	6.264	6.264	(0.907)	744312	200.000	210.23(A)
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	363489	100.000	109.98
	58 1,2-Dibromoethane	107	6.483	6.483	(0.938)	368721	100.000	103.11
	59 Chlorobenzene	112	6.934	6.934	(1.004)	1152761	100.000	103.46
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.014)	395003	100.000	106.97
	61 Ethylbenzene	106	7.037	7.037	(1.018)	581978	100.000	103.31
	62 m + p-Xylene	106	7.147	7.147	(1.034)	1487222	200.000	208.38(A)
M	63 Xylenes (total)	106				2229198	300.000	314.36
	64 Xylene-o	106	7.512	7.512	(1.087)	741976	100.000	105.98
	65 Styrene	104	7.524	7.524	(1.089)	1363004	100.000	109.60

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126996.D
Report Date: 28-May-2004 16:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.113)	252569	100.000	94.163
67 Isopropylbenzene	105	7.858	7.858	(1.137)	1562975	100.000	105.04
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	471223	100.000	101.38
69 1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	138948	100.000	98.412
70 1,2,3-Trichloropropane	110	8.175	8.175	(0.898)	178629	100.000	100.33
71 Bromobenzene	156	8.138	8.138	(0.894)	530165	100.000	101.21
72 n-Propylbenzene	120	8.254	8.254	(0.906)	445678	100.000	107.27
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	433861	100.000	103.50
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	1298706	100.000	106.83
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	465981	100.000	104.15
76 tert-Butylbenzene	119	8.734	8.734	(0.959)	1055986	100.000	104.23
77 1,2,4-Trimethylbenzene	105	8.783	8.783	(0.965)	1349023	100.000	105.50
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	1419364	100.000	106.87
79 4-Isopropyltoluene	119	9.093	9.093	(0.999)	1223025	100.000	106.76
80 1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	867476	100.000	102.36
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	927615	100.000	101.79
82 n-Butylbenzene	91	9.489	9.489	(1.042)	980034	100.000	108.55
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	853069	100.000	101.68
84 1,2-Dibromo-3-chloropropane	157	10.249	10.249	(1.126)	92206	100.000	99.725
85 1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	362022	100.000	105.33
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	161117	100.000	101.91
87 Naphthalene	128	11.296	11.296	(1.241)	888666	100.000	96.338
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	246362	100.000	105.90
98 Cyclohexane	56	3.867	3.867	(0.894)	492323	100.000	104.98
143 Methyl Acetate	43	2.414	2.414	(0.558)	602754	200.000	192.91
144 Methylcyclohexane	83	4.780	4.780	(1.106)	397861	100.000	108.80
141 1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	441646	100.000	104.83

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcanch04\dd\chem\HSV\a3ud12.i\T40527-IC.b\UK126997.D
Date : 28-MAY-2004 00:02
Client ID:
Sample Info: 250NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ud12.i
Operator: 1903
Column diameter: 0.18
Y (x10^6)
-Chloromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein+
-Iodomethane+
-Methylene Chloride+
Acrylonitrile+
-Hexane
-Vinyl acetate+
-Bromochloromethane
2-Butanone+
-Cyclohexane
-Chloroform+
-Dibromofluoromethane+
-1,2-Dichloropropene+
1,1-Dichloropropene+
1,2-Dichloroethane+
-Fluorobenzene
-1,4-Dioxane
1,2-Dichloropropane+
Bromodichloromethane
2-Chloroethyl vinyl ether
cis-1,3-Dichloropropene
4-Methyl-2-pentanone
Toluene
trans-1,3-Dichloropropene
Ethyl Methacrylate
1,1,2-Trichloroethane
4,2-Dichloropropane+
-1,2-Dibromoethane-Hexanone
Dibromochloromethane
Chlorobenzene
1,1,1,2-Tetrachloroethane
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromobenzene
1,1,2,2-Tetrachloroethane+
o-Chlorotoluene+
1,3,5-Trimethylbenzene+
-1,2-Dichloroethane (total
p-Isopropyltoluene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
1,2,3-Trichlorobenzene
Min
\\qcanch04\dd\chem\HSV\a3ud12.i\T40527-IC.b\UK126997.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126997.D
Report Date: 28-May-2004 16:21

STL North Canton

VOLATILE REPORT SW-846 Method
Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126997.D
Lab Smp Id: 250NG-IC
Inj Date : 28-MAY-2004 00:02 Inst ID: a3ux12.i
Operator : 1903
Smp Info : 250NG-IC
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:21 laveyt Quant Type: ISTD
Cal Date : 28-MAY-2004 00:02 Cal File: UX126997.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000 Compound Sublist: 2-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	718482	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	597753	50.0000	(H)
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	330862	50.0000	
$ 4 Dibromofluoromethane	113	3.795	3.795	(0.878)	755438	250.000	249.95(A)
$ 5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	957558	250.000	251.62(A)
$ 6 Toluene-d8	98	5.632	5.632	(0.804)	3170392	250.000	257.41(A)
$ 7 Bromofluorobenzene	95	7.998	7.998	(1.142)	1344905	250.000	260.67(A)
8 Dichlorodifluoromethane	85	1.246	1.246	(0.288)	913908	250.000	256.43(A)
9 Chloromethane	50	1.361	1.361	(0.315)	1380244	250.000	233.13(A)
10 Vinyl Chloride	62	1.434	1.434	(0.332)	1300432	250.000	256.58(A)
11 Bromomethane	94	1.653	1.653	(0.382)	707349	250.000	228.30(A)
12 Chloroethane	64	1.732	1.732	(0.401)	776439	250.000	242.10(A)
13 Trichlorofluoromethane	101	1.866	1.866	(0.432)	1175008	250.000	247.89(A)
15 Acrolein	56	2.079	2.079	(0.481)	1247487	2500.00	2332.6(A)
16 Acetone	43	2.182	2.182	(0.505)	907044	500.000	494.49(A)
17 1,1-Dichloroethene	96	2.225	2.225	(0.515)	981180	250.000	249.29(A)
18 Freon-113	151	2.237	2.237	(0.517)	664383	250.000	248.34(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126997.D
Report Date: 28-May-2004 16:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.377	2.377	(0.550)	1482015	250.000	274.38(A)
	20 Carbon Disulfide	76	2.377	2.377	(0.550)	3209296	250.000	261.25(A)
	21 Methylene Chloride	84	2.590	2.590	(0.599)	990066	250.000	241.60(A)
	22 Acetonitrile	41	2.395	2.395	(0.554)	1385305	2500.00	2459.0(A)
	23 Acrylonitrile	53	2.657	2.657	(0.615)	3847211	2500.00	2633.2(A)
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	2786519	250.000	263.39(A)
	25 trans-1,2-Dichloroethene	96	2.687	2.687	(0.622)	942882	250.000	260.10(A)
	26 Hexane	57	2.894	2.894	(0.669)	800903	250.000	269.75(A)
	27 Vinyl acetate	43	3.028	3.028	(0.700)	1385012	250.000	245.16(A)
	28 1,1-Dichloroethane	63	2.991	2.991	(0.692)	1511457	250.000	254.48(A)
	29 tert-Butyl Alcohol	59	2.572	2.572	(0.595)	1783071	5000.00	5277.4(A)
	30 2-Butanone	43	3.436	3.436	(0.795)	1279626	500.000	460.01(A)
M	31 1,2-Dichloroethene (total)	96				1914417	500.000	513.84
	32 cis-1,2-dichloroethene	96	3.430	3.430	(0.793)	971535	250.000	253.73(A)
	33 2,2-Dichloropropane	77	3.430	3.430	(0.793)	567350	250.000	272.14(A)
	34 Bromochloromethane	128	3.612	3.612	(0.835)	488479	250.000	260.95(A)
	35 Chloroform	83	3.673	3.673	(0.849)	1519190	250.000	254.75(A)
	36 Tetrahydrofuran	42	3.655	3.655	(0.845)	303301	250.000	249.68(A)
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	1305100	250.000	273.62(A)
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	1171464	250.000	256.81(A)
	39 Carbon Tetrachloride	117	3.953	3.953	(0.914)	1094465	250.000	284.46(A)
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	1224197	250.000	253.59(A)
	41 Benzene	78	4.105	4.105	(0.949)	3849740	250.000	241.43(A)
	42 Trichloroethene	130	4.622	4.622	(1.069)	1070235	250.000	259.06(A)
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	886439	250.000	253.92(A)
	44 1,4-Dioxane	88	4.914	4.914	(1.136)	495860	12500.0	12412(A)
	45 Dibromomethane	93	4.896	4.896	(1.132)	541424	250.000	257.44(A)
	46 Bromodichloromethane	83	5.023	5.023	(1.162)	1195369	250.000	270.68(A)
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	737527	500.000	540.50(A)
	48 cis-1,3-Dichloropropene	75	5.401	5.401	(1.249)	1566218	250.000	270.48(A)
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	2185530	500.000	505.60(A)
	50 Toluene	91	5.693	5.693	(0.812)	4255763	250.000	262.63(A)
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.839)	1486519	250.000	283.72(A)
	52 Ethyl Methacrylate	69	5.966	5.966	(0.852)	1471599	250.000	277.90(A)
	53 1,1,2-Trichloroethane	97	6.039	6.039	(0.862)	878405	250.000	261.87(A)
	54 1,3-Dichloropropane	76	6.185	6.185	(0.883)	1622879	250.000	258.33(A)
	55 Tetrachloroethene	164	6.173	6.173	(0.881)	813909	250.000	263.05(A)
	56 2-Hexanone	43	6.264	6.264	(0.894)	1887855	500.000	530.39(A)
	57 Dibromochloromethane	129	6.386	6.386	(0.911)	961247	250.000	289.30(A)
	58 1,2-Dibromoethane	107	6.483	6.483	(0.925)	948517	250.000	263.84(A)
	59 Chlorobenzene	112	6.934	6.934	(0.990)	2934830	250.000	262.01(A)
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.000)	1033684	250.000	278.43(A)
	61 Ethylbenzene	106	7.037	7.037	(1.004)	1496268	250.000	264.20(A)
	62 m + p-Xylene	106	7.147	7.147	(1.020)	3924533	500.000	546.94(A)
M	63 Xylenes (total)	106				5846384	750.000	819.99
	64 Xylene-o	106	7.512	7.512	(1.072)	1921851	250.000	273.05(A)
	65 Styrene	104	7.524	7.524	(1.074)	3651772	250.000	292.08(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126997.D
Report Date: 28-May-2004 16:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.097)	708641	250.000	252.82(A)
67 Isopropylbenzene	105	7.858	7.858	(1.122)	4080697	250.000	272.78(A)
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	1202879	250.000	250.52(A)
69 1,4-Dichloro-2-butene	53	8.199	8.199	(0.900)	373113	250.000	251.16(A)
70 1,2,3-Trichloropropane	110	8.181	8.181	(0.898)	455023	250.000	247.42(A)
71 Bromobenzene	156	8.138	8.138	(0.894)	1386467	250.000	256.22(A)
72 n-Propylbenzene	120	8.254	8.254	(0.906)	1125155	250.000	262.18(A)
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	1116517	250.000	257.84(A)
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	3385419	250.000	269.60(A)
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	1202075	250.000	260.10(A)
76 tert-Butylbenzene	119	8.734	8.734	(0.959)	2701153	250.000	258.11(A)
77 1,2,4-Trimethylbenzene	105	8.783	8.783	(0.965)	3537216	250.000	267.80(A)
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	3663576	250.000	267.04(A)
79 4-Isopropyltoluene	119	9.093	9.093	(0.999)	3172819	250.000	268.13(A)
80 1,3-Dichlorobenzene	146	9.045	9.045	(0.993)	2265657	250.000	258.81(A)
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	2378204	250.000	252.63(A)
82 n-Butylbenzene	91	9.489	9.489	(1.042)	2561621	250.000	274.67(A)
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	2240766	250.000	258.57(A)
84 1,2-Dibromo-3-chloropropane	157	10.249	10.249	(1.126)	244277	250.000	250.88(A)
85 1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	960886	250.000	270.66(A)
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	395316	250.000	242.07(A)
87 Naphthalene	128	11.296	11.296	(1.241)	2465983	250.000	251.92(A)
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	655539	250.000	272.80(A)
98 Cyclohexane	56	3.868	3.868	(0.894)	1202614	250.000	248.10(A)
143 Methyl Acetate	43	2.414	2.414	(0.558)	1542760	500.000	477.70
144 Methylcyclohexane	83	4.780	4.780	(1.106)	993623	250.000	262.89
141 1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	1139717	250.000	261.89

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Report Date: 28-May-2004 16:22

STL North Canton

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: ICV/CHK
Level: LOW
Data Type: MS DATA
SpikeList File: plexus-ck.spk
Sublist File: 2-8260.SUB
Method File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Misc Info: T40528-IC,8260LLUX12,2-8260.SUB,1903,3

Client SDG: SDGa00282
Fraction: VOA

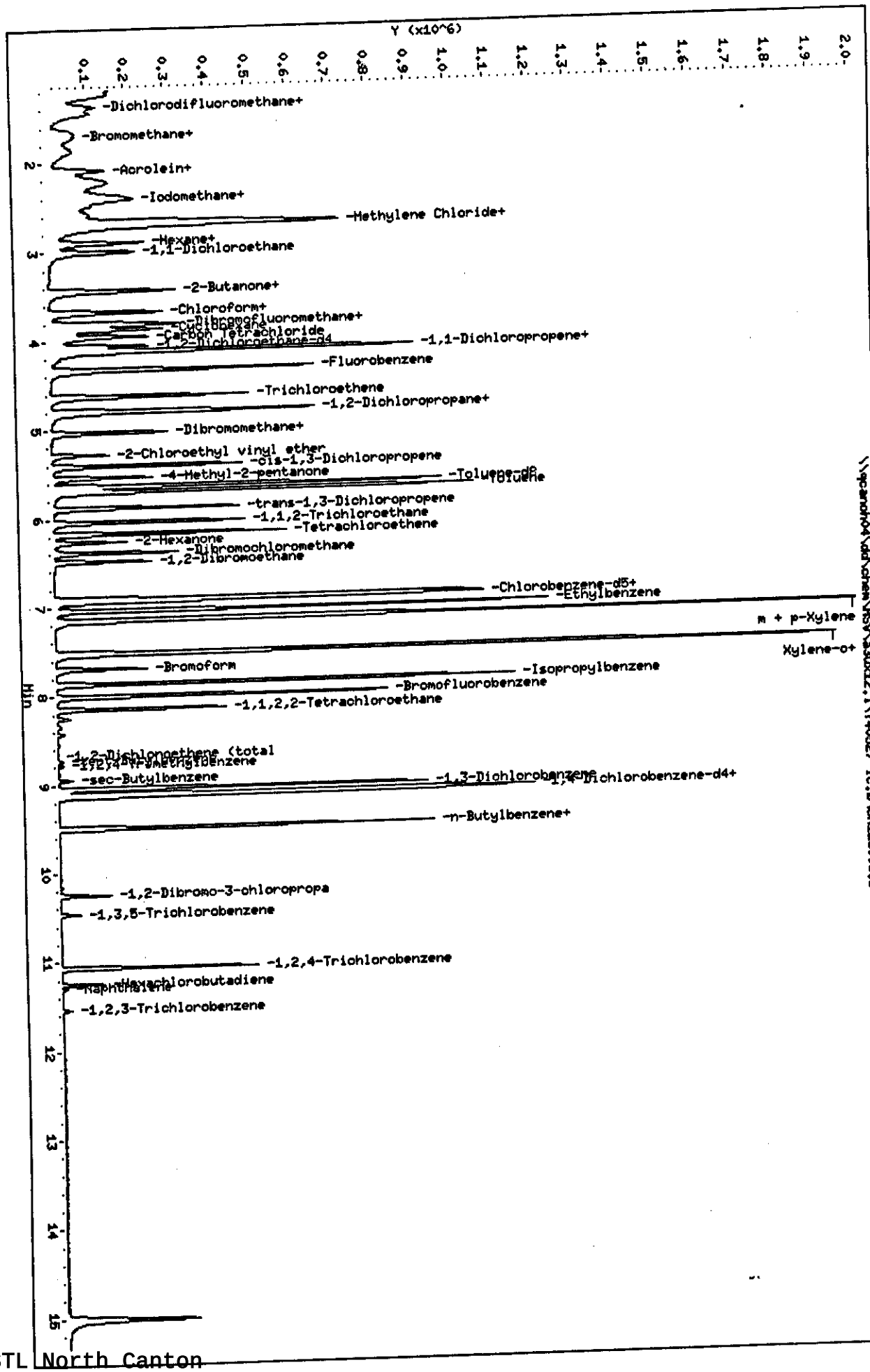
Operator: 1903
SampleType: METHSPIKE
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17 1,1-Dichloroethene	10.000	9.994	99.94	45-155
	42 Trichloroethene	10.000	10.001	100.01	45-155
	59 Chlorobenzene	10.000	9.843	98.43	45-155
	50 Toluene	10.000	9.738	97.38	45-155
	41 Benzene	10.000	9.415	94.15	45-155
	16 Acetone	10.000	5.571	55.71	45-155
	20 Carbon Disulfide	10.000	10.002	100.02	45-155
	9 Chloromethane	10.000	8.426	84.26	45-155
	11 Bromomethane	10.000	8.402	84.02	45-155
	10 Vinyl Chloride	10.000	9.423	94.23	45-155
	12 Chloroethane	10.000	10.051	100.51	45-155
	21 Methylene Chloride	10.000	9.925	99.25	45-155
	28 1,1-Dichloroethane	10.000	9.984	99.84	45-155
M	31 1,2-Dichloroethene	20.000	20.346	101.73	45-155
	35 Chloroform	10.000	9.989	99.89	45-155
	40 1,2-Dichloroethane	10.000	9.996	99.96	45-155
	30 2-Butanone	10.000	6.700	67.00	45-155
	37 1,1,1-Trichloroeth	10.000	10.442	104.42	45-155
	39 Carbon Tetrachlori	10.000	10.680	106.80	45-155
	46 Bromodichlorometha	10.000	10.216	102.16	45-155
	43 1,2-Dichloropropan	10.000	9.700	97.00	45-155
	48 cis-1,3-Dichloropr	10.000	10.114	101.14	45-155
	57 Dibromochlorometha	10.000	10.269	102.69	45-155
	53 1,1,2-Trichloroeth	10.000	9.903	99.03	45-155
	51 trans-1,3-Dichloro	10.000	9.963	99.63	45-155
	66 Bromoform	10.000	9.237	92.37	45-155
	49 4-Methyl-2-pentano	10.000	8.458	84.58	45-155
	56 2-Hexanone	10.000	7.315	73.15	45-155
	55 Tetrachloroethene	10.000	10.176	101.76	45-155
	68 1,1,2,2-Tetrachlor	10.000	9.355	93.55	45-155
	61 Ethylbenzene	10.000	9.850	98.50	45-155
	65 Styrene	10.000	9.983	99.83	45-155
M	63 Xylenes (total)	30.000	29.776	99.25	45-155

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Report Date: 28-May-2004 16:22

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
32	cis-1,2-dichloroet	10.000	10.056	100.56	45-155
25	trans-1,2-Dichloro	10.000	10.290	102.90	45-155
8	Dichlorodifluorome	10.000	4.001	40.01*	45-155
13	Trichlorofluoromet	10.000	9.493	94.93	45-155
18	Freon-113	10.000	10.471	104.71	45-155
24	Methyl tert-butyl	10.000	8.020	80.20	45-155
58	1,2-Dibromoethane	10.000	9.823	98.23	45-155
67	Isopropylbenzene	10.000	10.344	103.44	45-155
80	1,3-Dichlorobenzen	10.000	9.983	99.83	45-155
81	1,4-Dichlorobenzen	10.000	9.912	99.12	45-155
83	1,2-Dichlorobenzen	10.000	9.723	97.23	45-155
84	1,2-Dibromo-3-chlo	10.000	8.989	89.89	45-155
85	1,2,4-Trichloroben	10.000	9.590	95.90	45-155
98	Cyclohexane	10.000	9.362	93.62	45-155
143	Methyl Acetate	10.000	8.996	89.96	45-155
144	Methylcyclohexane	10.000	9.658	96.58	45-155

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4	Dibromofluorometha	10.000	10.516	105.16	73-122
$ 5	1,2-Dichloroethane	10.000	10.538	105.38	61-128
$ 6	Toluene-d8	10.000	10.758	107.58	76-110
$ 7	Bromofluorobenzene	10.000	10.744	107.44	74-116


Y (x10^6)
Min
-Dichlorodifluoromethane+
-Bromomethane+
-Acrolein+
-Iodomethane+
-Methylene Chloride+
-Hexane+
-1,1-Dichloroethane
-2-Butanone+
-Chloroform+
-Dibromofluoromethane+
-cyclohexane
-Carbon Tetrachloride
-1,2-Dichloroethane-d4
-1,1-Dichloropropene+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-Dibromomethane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-Tetrachloroethene
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-Ethylbenzene
m + p-Xylene
Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
-1,2-Dichloroethene (total
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
Data File: \\qcandr04\dd\chem\HSV\a3ud2.i\T40527-IC.b\UX126998.D
Date : 28-MAY-2004 00:48
Client ID:
Sample Info: ICV/CHK
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ud2.i
Operator: 1903
Column diameter: 0.18
\\qcandr04\dd\chem\HSV\a3ud2.i\T40527-IC.b\UX126998.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Report Date: 28-May-2004 16:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Lab Smp Id: ICV/CHK
Inj Date : 28-MAY-2004 00:48 Inst ID: a3ux12.i
Operator : 1903
Smp Info : ICV/CHK
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 16:21 laveyt Quant Type: ISTD
Cal Date : 28-MAY-2004 00:02 Cal File: UX126997.D
Als bottle: 9 QC Sample: METHSPIKE
Dil Factor: 1.00000 Compound Sublist: 2-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	699794	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	590719	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	302201	50.0000	
$ 4 Dibromofluoromethane	113	3.794	3.795	(0.878)	154786	52.5814	10.516
$ 5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	195310	52.6928	10.538
$ 6 Toluene-d8	98	5.632	5.632	(0.815)	654754	53.7930	10.758
$ 7 Bromofluorobenzene	95	7.998	7.998	(1.158)	273915	53.7224	10.744
8 Dichlorodifluoromethane	85	1.251	1.246	(0.290)	69442	20.0047	4.001(R)
9 Chloromethane	50	1.367	1.361	(0.316)	242942	42.1308	8.426
10 Vinyl Chloride	62	1.434	1.434	(0.332)	232580	47.1147	9.423
11 Bromomethane	94	1.653	1.653	(0.382)	126782	42.0127	8.402
12 Chloroethane	64	1.738	1.732	(0.402)	156974	50.2540	10.051
13 Trichlorofluoromethane	101	1.866	1.866	(0.432)	219139	47.4662	9.493
15 Acrolein	56	2.085	2.079	(0.482)	325193	624.308	124.86
16 Acetone	43	2.194	2.182	(0.508)	67927	27.8569	5.571
17 1,1-Dichloroethene	96	2.225	2.225	(0.515)	189275	49.9678	9.994
18 Freon-113	151	2.225	2.237	(0.515)	131922	52.3558	10.471

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Report Date: 28-May-2004 16:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	19 Iodomethane	142	2.389	2.377	(0.553)	10263	1.95084	0.3902
	20 Carbon Disulfide	76	2.383	2.377	(0.551)	598363	50.0095	10.002
	21 Methylene Chloride	84	2.614	2.590	(0.605)	198074	49.6268	9.925
	22 Acetonitrile	41	2.395	2.395	(0.554)	224897	409.876	81.975
	23 Acrylonitrile	53	2.657	2.657	(0.615)	671521	471.902	94.380
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	413186	40.0983	8.020
	25 trans-1,2-Dichloroethene	96	2.693	2.687	(0.623)	181664	51.4525	10.290
	26 Hexane	57	2.894	2.894	(0.669)	154510	53.4294	10.686
	27 Vinyl acetate	43	2.894	3.028	(0.669)	96903	17.6111	3.522
	28 1,1-Dichloroethane	63	2.991	2.991	(0.692)	288795	49.9219	9.984
	29 tert-Butyl Alcohol	59	2.407	2.572	(0.557)	11830	35.9488	7.190
	30 2-Butanone	43	3.441	3.436	(0.796)	90766	33.5010	6.700
M	31 1,2-Dichloroethene (total)	96				369180	101.733	20.346
	32 cis-1,2-dichloroethene	96	3.435	3.430	(0.795)	187516	50.2804	10.056
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	3.673	3.673	(0.849)	290095	49.9445	9.989
	36 Tetrahydrofuran	42	3.654	3.655	(0.845)	5175	2.39071	0.4781
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	242551	52.2106	10.442
	38 1,1-Dichloropropene	75	4.105	3.947	(0.949)	12817	2.88478	0.5770
	39 Carbon Tetrachloride	117	3.952	3.953	(0.914)	200120	53.4021	10.680
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	234992	49.9779	9.996
	41 Benzene	78	4.105	4.105	(0.949)	731095	47.0738	9.415
	42 Trichloroethene	130	4.622	4.622	(1.069)	201204	50.0033	10.001
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	164911	48.4994	9.700
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	5.029	4.896	(1.163)	6280	3.06580	0.6132
	46 Bromodichloromethane	83	5.023	5.023	(1.162)	219712	51.0806	10.216
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	63103	47.4807	9.496
	48 cis-1,3-Dichloropropene	75	5.400	5.401	(1.249)	285212	50.5699	10.114
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	178042	42.2877	8.458
	50 Toluene	91	5.692	5.693	(0.824)	779711	48.6901	9.738
	51 trans-1,3-Dichloropropene	75	5.881	5.881	(0.851)	257938	49.8168	9.963
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.033	6.039	(0.873)	164139	49.5154	9.903
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.173	6.173	(0.893)	155573	50.8784	10.176
	56 2-Hexanone	43	6.264	6.264	(0.907)	128645	36.5732	7.315
	57 Dibromochloromethane	129	6.386	6.386	(0.924)	168601	51.3468	10.269
	58 1,2-Dibromoethane	107	6.483	6.483	(0.938)	174491	49.1146	9.823
	59 Chlorobenzene	112	6.933	6.934	(1.004)	544795	49.2159	9.843
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.037	7.037	(1.018)	275652	49.2525	9.850
	62 m + p-Xylene	106	7.146	7.147	(1.034)	703622	99.2273	19.845
M	63 Xylenes (total)	106				1048996	148.881	29.776
	64 Xylene-o	106	7.511	7.512	(1.087)	345374	49.6534	9.931
	65 Styrene	104	7.524	7.524	(1.089)	616709	49.9136	9.983

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126998.D
Report Date: 28-May-2004 16:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
66 Bromoform	173	7.688	7.688	(1.113)	115048	46.1853	9.237
67 Isopropylbenzene	105	7.858	7.858	(1.137)	764589	51.7180	10.344
68 1,1,2,2-Tetrachloroethane	83	8.144	8.144	(0.894)	205139	46.7756	9.355
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	8.728	8.734	(0.959)	8622	0.90201	0.1804
77 1,2,4-Trimethylbenzene	105	8.777	8.783	(0.964)	8183	0.67829	0.1356
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	24119	1.92478	0.3850
79 4-Isopropyltoluene	119	9.093	9.093	(0.999)	20650	1.91059	0.3821
80 1,3-Dichlorobenzene	146	9.044	9.045	(0.993)	399102	49.9147	9.983
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	426130	49.5596	9.912
82 n-Butylbenzene	91	9.489	9.489	(1.042)	37768	4.43380	0.8868
83 1,2-Dichlorobenzene	146	9.489	9.489	(1.042)	384795	48.6143	9.723
84 1,2-Dibromo-3-chloropropane	157	10.249	10.249	(1.126)	37662	44.9433	8.989
85 1,2,4-Trichlorobenzene	180	11.064	11.064	(1.215)	155485	47.9496	9.590
86 Hexachlorobutadiene	225	11.247	11.247	(1.235)	22807	15.2904	3.058
87 Naphthalene	128	11.295	11.296	(1.241)	11756	5.37228	1.074
88 1,2,3-Trichlorobenzene	180	11.545	11.539	(1.268)	8302	3.78259	0.7565
98 Cyclohexane	56	3.867	3.868	(0.894)	221001	46.8126	9.362
143 Methyl Acetate	43	2.413	2.414	(0.558)	141491	44.9809	8.996
144 Methylcyclohexane	83	4.786	4.780	(1.107)	177776	48.2920	9.658
141 1,3,5-Trichlorobenzene	180	10.462	10.462	(1.149)	17986	4.52497	0.9050

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126999.D
Report Date: 28-May-2004 17:35

STL North Canton

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: C-GAS ICV
Level: LOW
Data Type: MS DATA
SpikeList File: plexus-ck.spk
Sublist File: cL2F2ch3.sub
Method File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Misc Info: T40528-IC,8260LLUX12,2-8260.SUB,1903,3

Client SDG: SDGa00282
Fraction: VOA

Operator: 1903
SampleType: METHSPIKE
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17 1,1-Dichloroethene	10.000	0.0000	*	45-155
	42 Trichloroethene	10.000	0.0000	*	45-155
	59 Chlorobenzene	10.000	0.0000	*	45-155
	50 Toluene	10.000	0.0000	*	45-155
	41 Benzene	10.000	0.0000	*	45-155
	16 Acetone	10.000	0.0000	*	45-155
	20 Carbon Disulfide	10.000	0.0000	*	45-155
	9 Chloromethane	10.000	0.0000	*	45-155
	11 Bromomethane	10.000	0.0000	*	45-155
	10 Vinyl Chloride	10.000	0.0000	*	45-155
	12 Chloroethane	10.000	0.0000	*	45-155
	21 Methylene Chloride	10.000	0.0000	*	45-155
	28 1,1-Dichloroethane	10.000	0.0000	*	45-155
M	31 1,2-Dichloroethen	20.000	0.0000	*	45-155
	35 Chloroform	10.000	0.0000	*	45-155
	40 1,2-Dichloroethane	10.000	0.0000	*	45-155
	30 2-Butanone	10.000	0.0000	*	45-155
	37 1,1,1-Trichloroet	10.000	0.0000	*	45-155
	39 Carbon Tetrachlor	10.000	0.0000	*	45-155
	46 Bromodichlorometh	10.000	0.0000	*	45-155
	43 1,2-Dichloropropa	10.000	0.0000	*	45-155
	48 cis-1,3-Dichlorop	10.000	0.0000	*	45-155
	57 Dibromochlorometh	10.000	0.0000	*	45-155
	53 1,1,2-Trichloroet	10.000	0.0000	*	45-155
	51 trans-1,3-Dichlor	10.000	0.0000	*	45-155
	66 Bromoform	10.000	0.0000	*	45-155
	49 4-Methyl-2-pentan	10.000	0.0000	*	45-155
	56 2-Hexanone	10.000	0.0000	*	45-155
	55 Tetrachloroethene	10.000	0.0000	*	45-155
	68 1,1,2,2-Tetrachlo	10.000	0.0000	*	45-155
	61 Ethylbenzene	10.000	0.0000	*	45-155
	65 Styrene	10.000	0.0000	*	45-155
M	63 Xylenes (total)	30.000	0.0000	*	45-155

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126999.D
Report Date: 28-May-2004 17:35

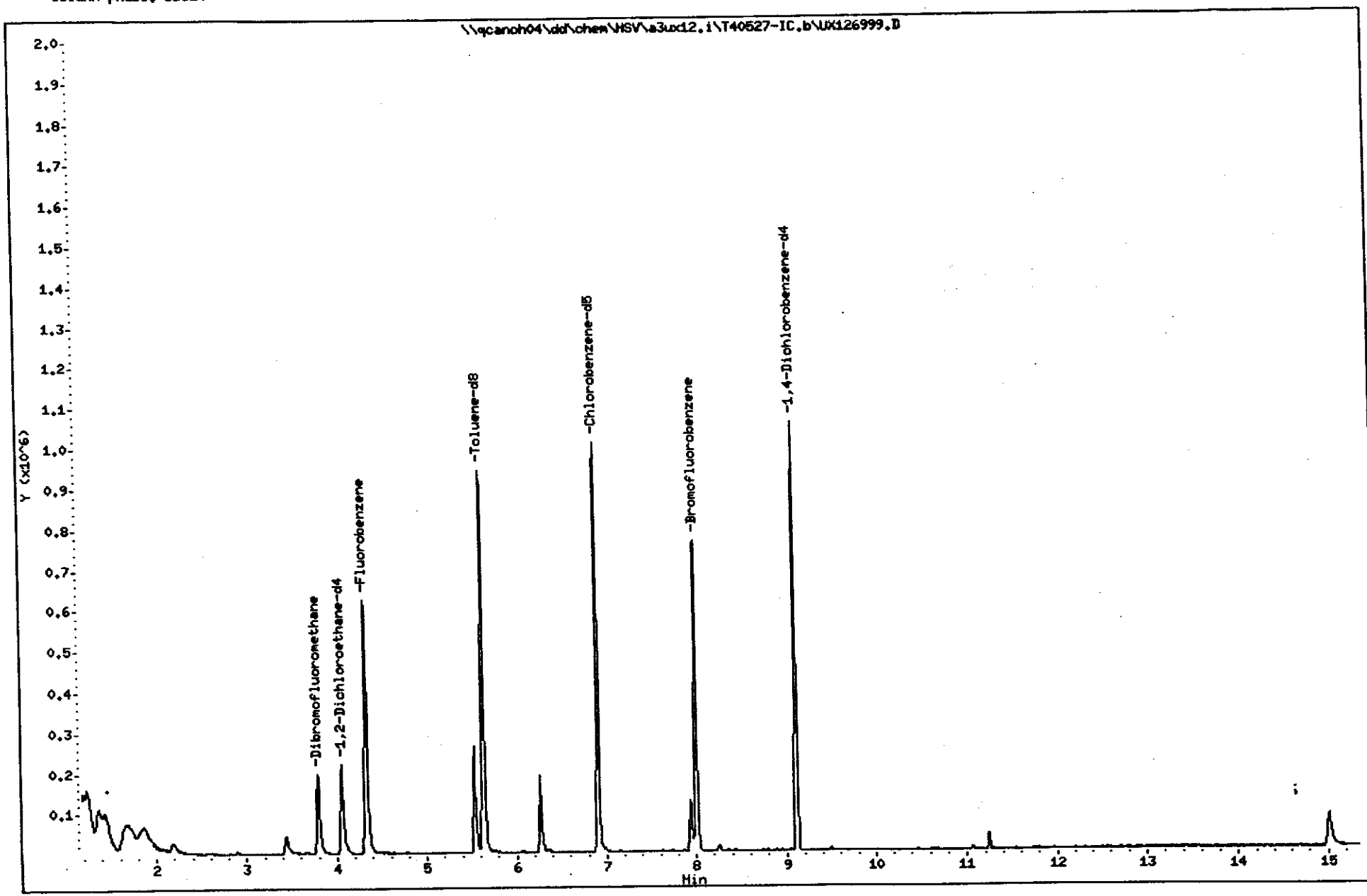
	SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
32	cis-1,2-dichloroe	10.000	0.0000	*	45-155
25	trans-1,2-Dichlor	10.000	0.0000	*	45-155
8	Dichlorodifluorome	10.000	10.271	102.71	45-155
13	Trichlorofluorome	10.000	0.0000	*	45-155
18	Freon-113	10.000	0.0000	*	45-155
24	Methyl tert-butyl	10.000	0.0000	*	45-155
58	1,2-Dibromoethane	10.000	0.0000	*	45-155
67	Isopropylbenzene	10.000	0.0000	*	45-155
80	1,3-Dichlorobenze	10.000	0.0000	*	45-155
81	1,4-Dichlorobenze	10.000	0.0000	*	45-155
83	1,2-Dichlorobenze	10.000	0.0000	*	45-155
84	1,2-Dibromo-3-chl	10.000	0.0000	*	45-155
85	1,2,4-Trichlorobe	10.000	0.0000	*	45-155
98	Cyclohexane	10.000	0.0000	*	45-155
143	Methyl Acetate	10.000	0.0000	*	45-155
144	Methylcyclohexane	10.000	0.0000	*	45-155

	SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4	Dibromofluorometha	10.000	10.426	104.26	73-122
$ 5	1,2-Dichloroethane	10.000	10.138	101.38	61-128
$ 6	Toluene-d8	10.000	10.471	104.71	76-110
$ 7	Bromofluorobenzene	10.000	10.363	103.63	74-116

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40527-IC.b\UX126999.D
Date : 28-MAY-2004 01:11
Client ID:
Sample Info: C-GAS ICV
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i

Operator: 1903
Column diameter: 0.18



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Report Date: 28-May-2004 17:35

STL North Canton

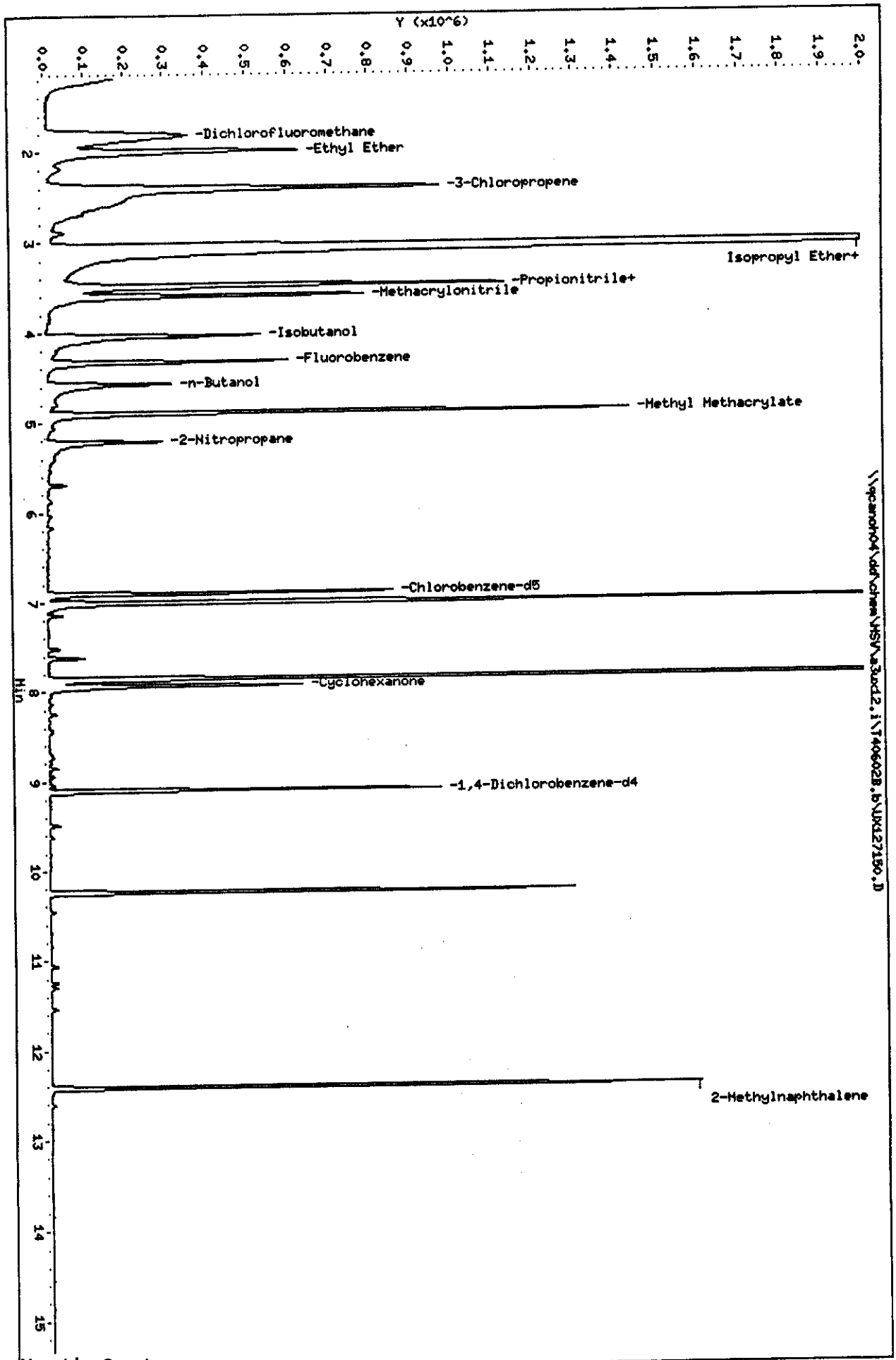
VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\UX126999.D
Lab Smp Id: C-GAS ICV
Inj Date : 28-MAY-2004 01:11 Inst ID: a3ux12.i
Operator : 1903
Smp Info : C-GAS ICV
Misc Info : T40528-IC,8260LLUX12,2-8260.SUB,1903,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\8260LLUX12.m
Meth Date : 28-May-2004 17:33 laveyt Quant Type: ISTD
Cal Date : 28-MAY-2004 00:02 Cal File: UX126997.D
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: cL2F2ch3.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	4.330	4.324	(1.000)	681641	50.0000	
*	2 Chlorobenzene-d5	117	6.909	6.909	(1.000)	592727	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	290984	50.0000	
$	4 Dibromofluoromethane	113	3.794	3.795	(0.876)	149478	52.1307	10.426
$	5 1,2-Dichloroethane-d4	65	4.056	4.057	(0.937)	183004	50.6876	10.138
$	6 Toluene-d8	98	5.632	5.632	(0.815)	639428	52.3559	10.471
$	7 Bromofluorobenzene	95	7.998	7.999	(1.158)	265093	51.8162	10.363
	8 Dichlorodifluoromethane	85	1.258	1.246	(0.291)	173642	51.3547	10.271


Data File: \\qcanon04\dd\chem\HSV\a3ux12.i\T406028.b\UX127150.D
Date : 02-JUN-2004 17:24
Client ID:
Sample Info: 250NG-A91C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18
Y (x10^6)
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
-Chlorobenzene-d5
-Cyclohexanone
-1,4-Dichlorobenzene-d4
2-Methylnaphthalene
\\qcanon04\dd\chem\HSV\a3ux12.i\T406028.b\UX127150.D
Min

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127150.D
Report Date: 03-Jun-2004 17:21

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127150.D
Lab Smp Id: 250NG-A9IC
Inj Date : 02-JUN-2004 17:24
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 250NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 17:24 Cal File: UX127150.D
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	608950	50.0000	
* 2 Chlorobenzene-d5	117	6.903	6.903	(1.000)	495310	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	252331	50.0000	
14 Dichlorofluoromethane	67	1.823	1.848	(0.422)	1528572	250.000	250.00(A)
89 Ethyl Ether	59	1.994	1.994	(0.461)	655796	250.000	250.00(A)
91 3-Chloropropene	76	2.401	2.414	(0.555)	393571	250.000	250.00(A)
92 Isopropyl Ether	87	3.046	3.047	(0.705)	3524335	1250.00	1250.0(A)
93 2-Chloro-1,3-butadiene	53	3.064	3.071	(0.709)	1112071	250.000	250.00(A)
94 Propionitrile	54	3.478	3.491	(0.804)	223229	500.000	500.00(A)
95 Ethyl Acetate	43	3.484	3.485	(0.806)	1685840	500.000	500.00(A)
96 Methacrylonitrile	41	3.594	3.588	(0.831)	526376	250.000	250.00(A)
97 Isobutanol	41	4.038	4.062	(0.585)	442460	5000.00	5000.0(A)
99 n-Butanol	56	4.573	4.574	(0.662)	357196	5000.00	5000.0(A)
100 Methyl Methacrylate	41	4.895	4.896	(1.132)	764232	250.000	250.00(A)
101 2-Nitropropane	41	5.212	5.212	(1.205)	140787	500.000	500.00(AH)
103 Cyclohexanone	55	7.937	7.944	(0.872)	298584	2500.00	2500.0(A)
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	775451	800.000	500.00(A)

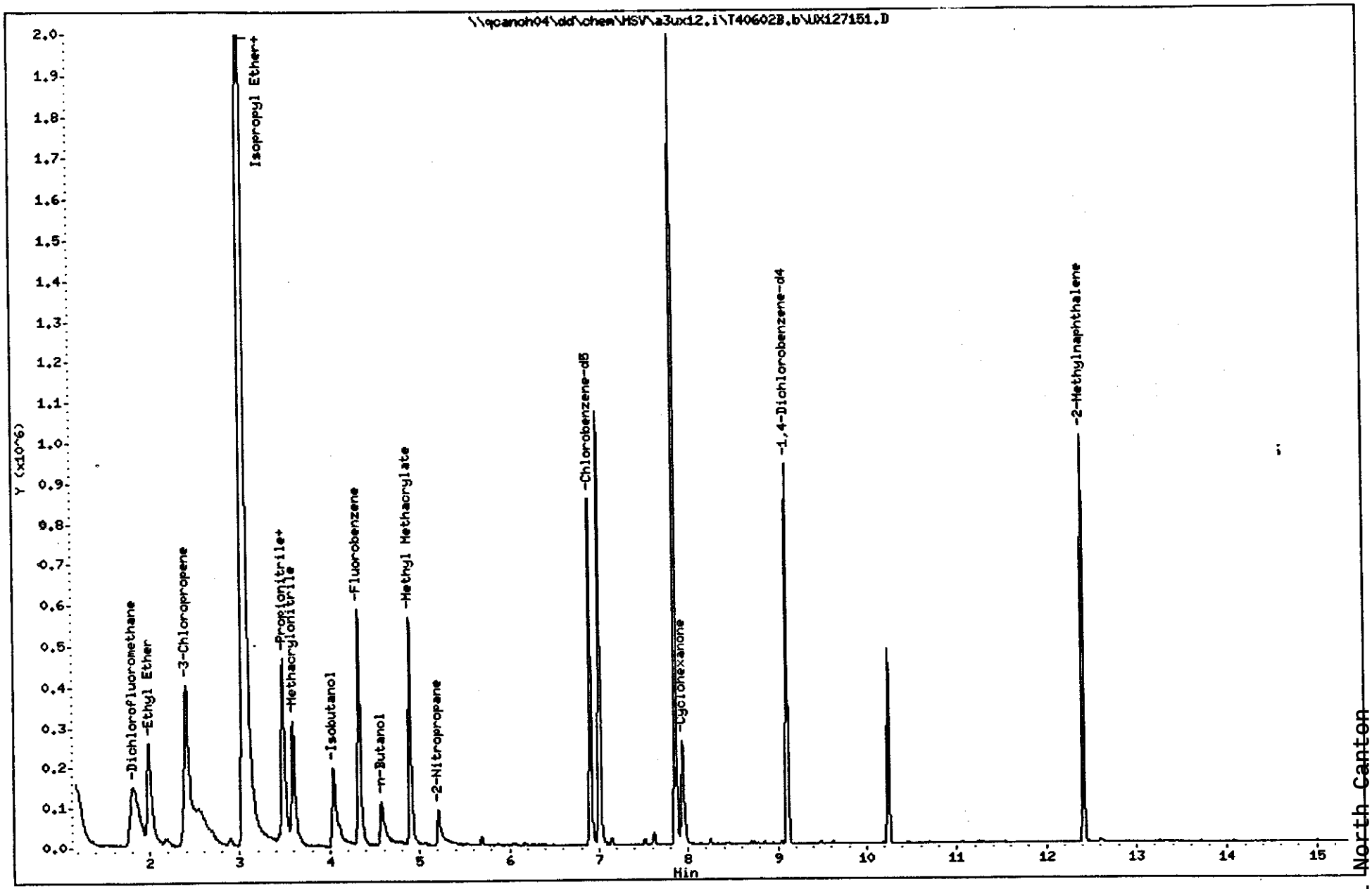
Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127150.D
Report Date: 03-Jun-2004 17:21

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Date : 02-JUN-2004 17:47
Client ID:
Sample Info: 100NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



650

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Report Date: 03-Jun-2004 17:21

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Lab Smp Id: 100NG-A9IC
Inj Date : 02-JUN-2004 17:47
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 100NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 17:47 Cal File: UX127151.D
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	614273	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	502796	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	250735	50.0000	
14 Dichlorofluoromethane	67	1.823	1.848	(0.422)	625654	100.000	100.71
89 Ethyl Ether	59	1.988	1.994	(0.460)	272657	100.000	101.50
91 3-Chloropropene	76	2.407	2.414	(0.557)	161828	100.000	100.94
92 Isopropyl Ether	87	3.046	3.047	(0.705)	1386138	500.000	493.60(A)
93 2-Chloro-1,3-butadiene	53	3.064	3.071	(0.709)	443742	100.000	99.443
94 Propionitrile	54	3.478	3.491	(0.804)	95462	200.000	205.81(A)
95 Ethyl Acetate	43	3.484	3.485	(0.806)	686707	200.000	200.95(A)
96 Methacrylonitrile	41	3.594	3.588	(0.831)	224691	100.000	102.81
97 Isobutanol	41	4.038	4.062	(0.584)	197014	2000.00	2092.2(A)
99 n-Butanol	56	4.579	4.574	(0.663)	135950	2000.00	1935.3(A)
100 Methyl Methacrylate	41	4.896	4.896	(1.132)	313695	100.000	100.86
101 2-Nitropropane	41	5.212	5.212	(1.205)	49079	200.000	185.40
103 Cyclohexanone	55	7.937	7.944	(0.872)	127487	1000.00	1035.8(A)
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	481119	400.000	243.81(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127151.D
Report Date: 03-Jun-2004 17:21

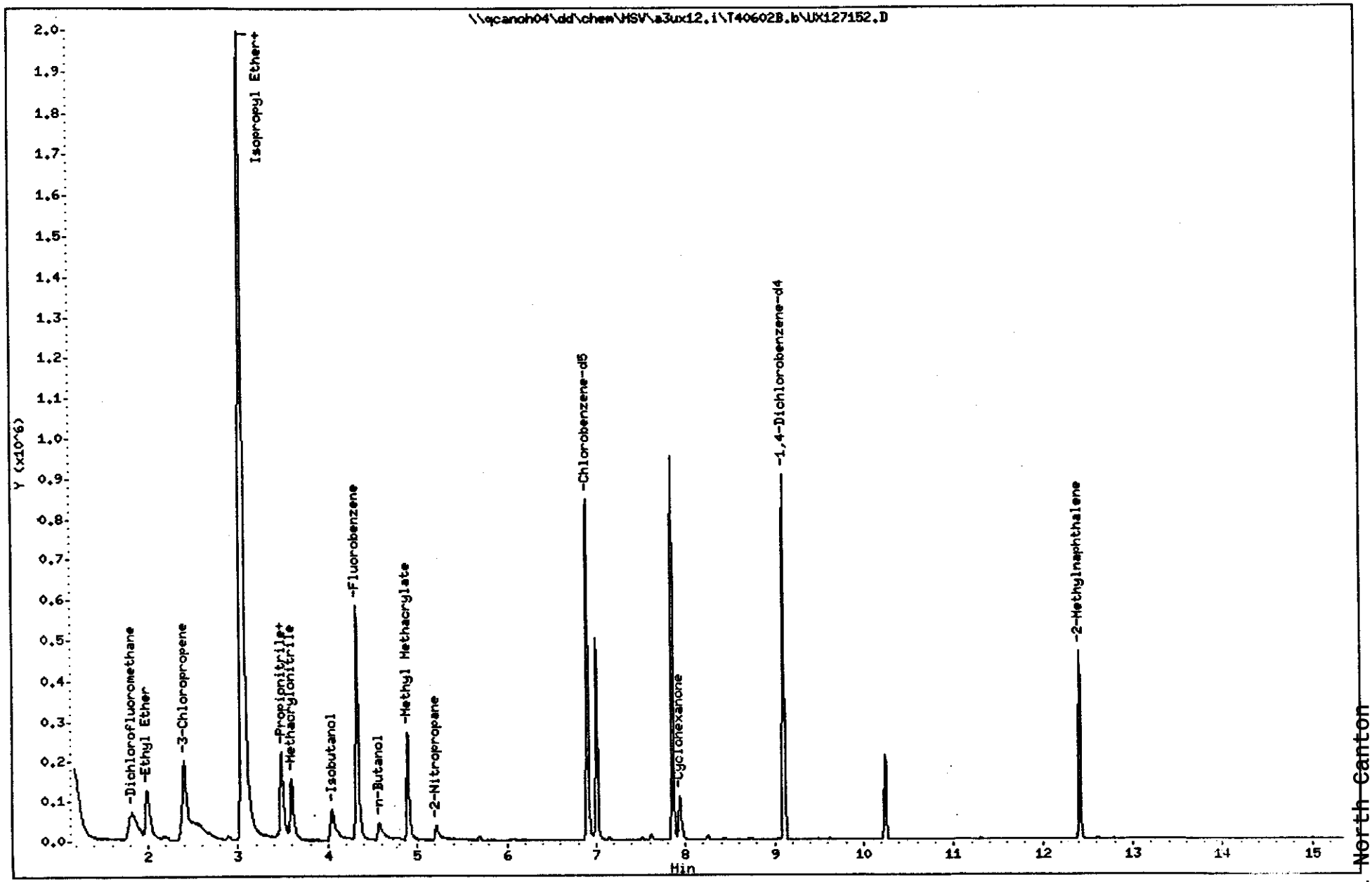
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40602B.b\UX127152.D
Date : 02-JUN-2004 18:09
Client ID:
Sample Info: 50NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i

Operator: 1903
Column diameter: 0.18



653

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127152.D
Report Date: 03-Jun-2004 17:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127152.D
Lab Smp Id: 50NG-A9IC
Inj Date : 02-JUN-2004 18:09
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 50NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 18:09 Cal File: UX127152.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	598797	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	496354	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	243881	50.0000	
14 Dichlorofluoromethane	67	1.817	1.848	(0.420)	294700	50.0000	49.102
89 Ethyl Ether	59	1.994	1.994	(0.461)	130308	50.0000	49.841
91 3-Chloropropene	76	2.401	2.414	(0.555)	69971	50.0000	46.390
92 Isopropyl Ether	87	3.046	3.047	(0.705)	668266	250.000	246.05(A)
93 2-Chloro-1,3-butadiene	53	3.065	3.071	(0.709)	207297	50.0000	48.412
94 Propionitrile	54	3.478	3.491	(0.804)	40376	100.000	92.602
95 Ethyl Acetate	43	3.484	3.485	(0.806)	330586	100.000	99.491
96 Methacrylonitrile	41	3.594	3.588	(0.831)	111298	50.0000	51.474
97 Isobutanol	41	4.038	4.062	(0.584)	81815	1000.00	916.74(A)
99 n-Butanol	56	4.573	4.574	(0.662)	50306	1000.00	798.51(A)
100 Methyl Methacrylate	41	4.896	4.896	(1.132)	145798	50.0000	48.709
101 2-Nitropropane	41	5.212	5.212	(1.205)	23571	100.000	94.060
103 Cyclohexanone	55	7.937	7.944	(0.872)	54700	500.000	470.42(A)
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	223732	200.000	110.46

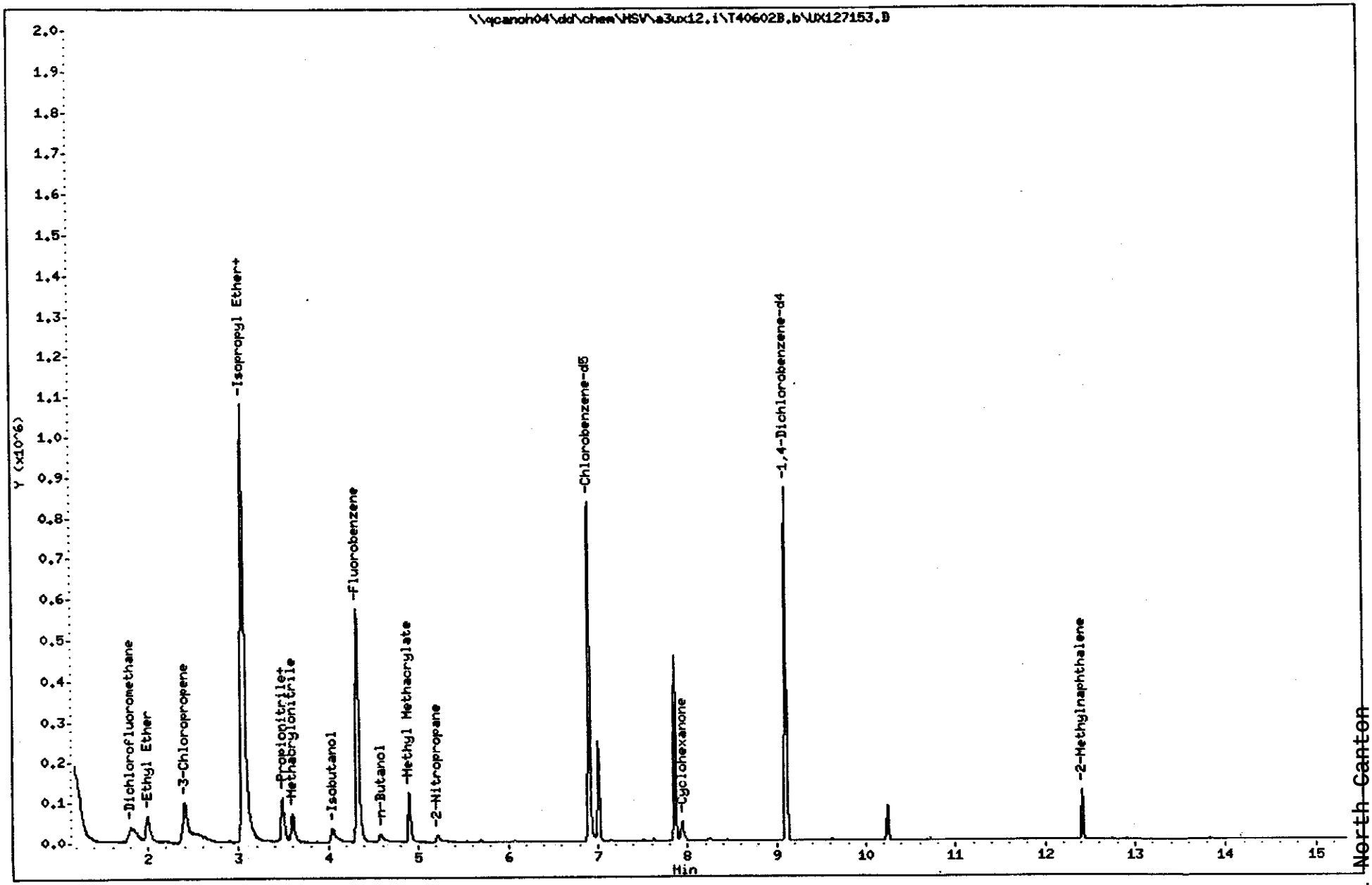
Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127152.D
Report Date: 03-Jun-2004 17:22

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40602B.b\UX127153.D
Date : 02-JUN-2004 18:33
Client ID:
Sample Info: 25NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127153.D
Report Date: 03-Jun-2004 17:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127153.D
Lab Smp Id: 25NG-A9IC
Inj Date : 02-JUN-2004 18:33
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 25NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 18:33 Cal File: UX127153.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	604406	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	501099	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	238342	50.0000	
14 Dichlorofluoromethane	67	1.805	1.848	(0.418)	143847	25.0000	24.047
89 Ethyl Ether	59	1.994	1.994	(0.461)	63984	25.0000	24.430
91 3-Chloropropene	76	2.407	2.414	(0.557)	34083	25.0000	22.988
92 Isopropyl Ether	87	3.052	3.047	(0.706)	331940	125.000	122.04
93 2-Chloro-1,3-butadiene	53	3.064	3.071	(0.709)	103499	25.0000	24.202
94 Propionitrile	54	3.472	3.491	(0.803)	20850	50.0000	48.006
95 Ethyl Acetate	43	3.484	3.485	(0.806)	167573	50.0000	49.973
96 Methacrylonitrile	41	3.600	3.588	(0.833)	52839	25.0000	24.404
97 Isobutanol	41	4.044	4.062	(0.585)	40282	500.000	459.24(A)
99 n-Butanol	56	4.573	4.574	(0.662)	25354	500.000	419.92(A)
100 Methyl Methacrylate	41	4.895	4.896	(1.132)	68943	25.0000	23.328
101 2-Nitropropane	41	5.212	5.212	(1.205)	9830	50.0000	41.155
103 Cyclohexanone	55	7.937	7.944	(0.872)	26374	250.000	236.33(A)
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	56537	100.000	31.992

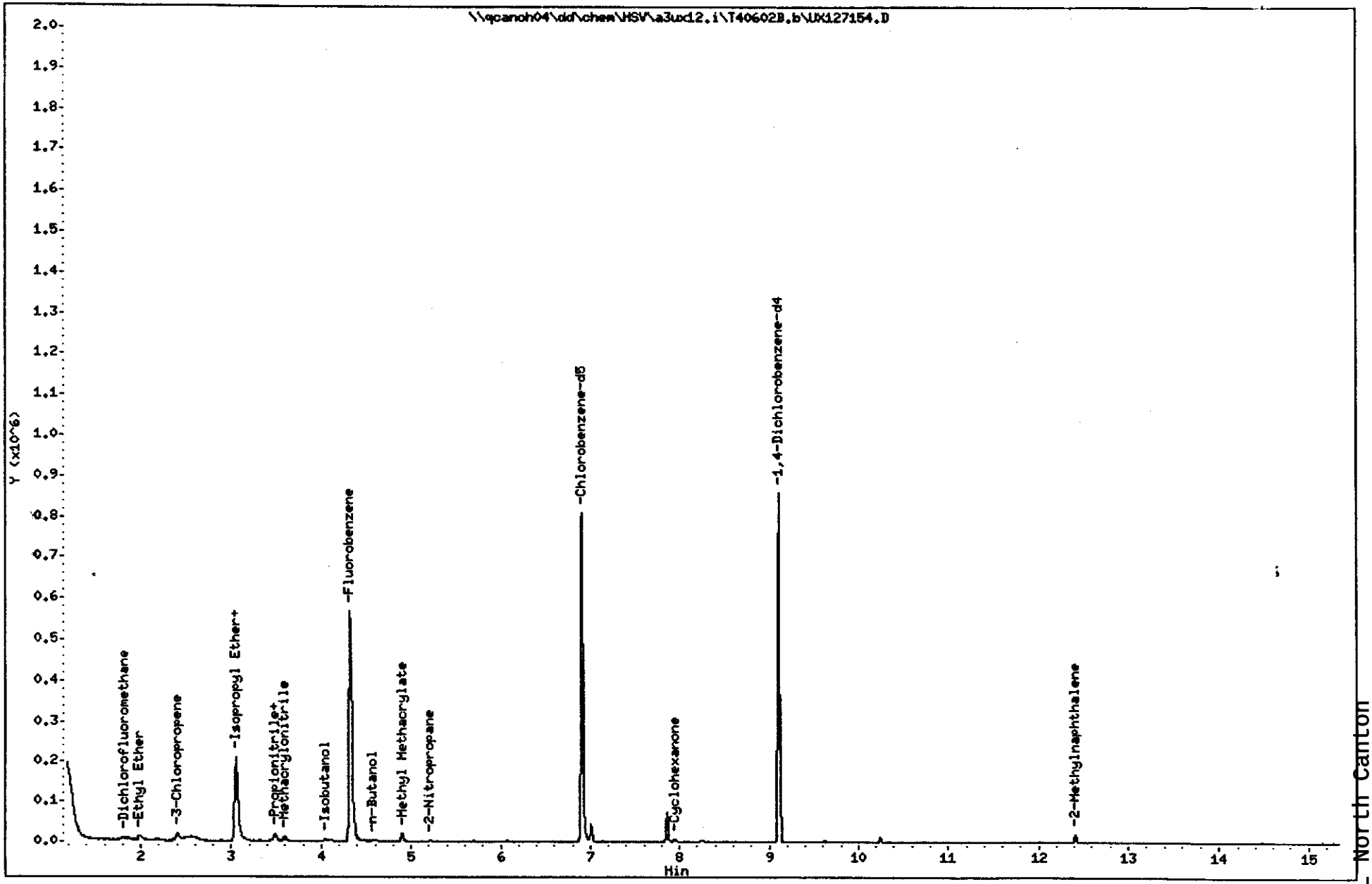
Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127153.D
Report Date: 03-Jun-2004 17:22

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40602B.b\UX127154.D
Date : 02-JUN-2004 18:56
Client ID:
Sample Info: 5NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127154.D
Report Date: 03-Jun-2004 17:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127154.D
Lab Smp Id: 5NG-A9IC
Inj Date : 02-JUN-2004 18:56
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 5NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 18:56 Cal File: UX127154.D
Als bottle: 7 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

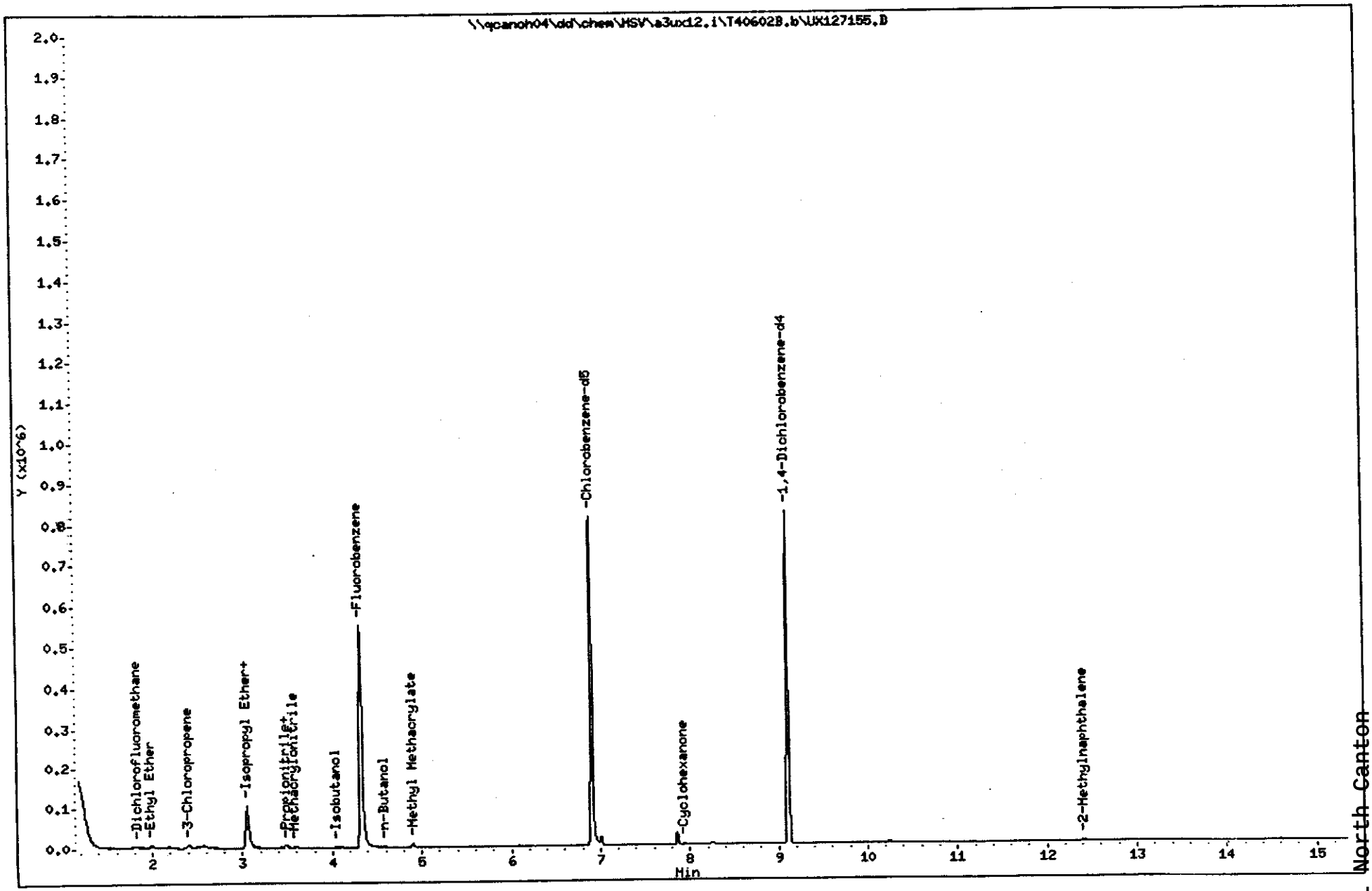
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	596179	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	497777	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	230597	50.0000	
14 Dichlorofluoromethane	67	1.805	1.848	(0.418)	23257	5.00000	4.116
89 Ethyl Ether	59	2.000	1.994	(0.463)	12366	5.00000	4.828
91 3-Chloropropene	76	2.420	2.414	(0.560)	5703	5.00000	4.079
92 Isopropyl Ether	87	3.052	3.047	(0.706)	63104	25.0000	23.802
93 2-Chloro-1,3-butadiene	53	3.071	3.071	(0.710)	17637	5.00000	4.323
94 Propionitrile	54	3.484	3.491	(0.806)	2885	10.0000	7.205
95 Ethyl Acetate	43	3.484	3.485	(0.806)	32820	10.0000	9.938
96 Methacrylonitrile	41	3.600	3.588	(0.833)	8964	5.00000	4.336
97 Isobutanol	41	4.038	4.062	(0.584)	4506	100.000	57.250
99 n-Butanol	56	4.585	4.574	(0.664)	3642	100.000	65.910
100 Methyl Methacrylate	41	4.908	4.896	(1.135)	11780	5.00000	4.202
101 2-Nitropropane	41	5.212	5.212	(1.205)	1651	10.0000	7.456
103 Cyclohexanone	55	7.937	7.944	(0.872)	4453	50.0000	42.741
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	11254	50.0000	7.065

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T406028.b\UX127155.D
Date : 02-JUN-2004 19:19
Client ID:
Sample Info: 2.5NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i

Operator: 1903
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127155.D
Report Date: 03-Jun-2004 17:23

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\UX127155.D
Lab Smp Id: 2.5NG-A9IC
Inj Date : 02-JUN-2004 19:19
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 2.5NG-A9IC
Misc Info : T40602B,8260LLUX12,3-IX.SUB,1903
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\8260LLUX12.m
Meth Date : 03-Jun-2004 17:17 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 19:19 Cal File: UX127155.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV02

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.324	4.324	(1.000)	596433	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	492772	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	229028	50.0000	
14 Dichlorofluoromethane	67	1.848	1.848	(0.427)	10467	2.50000	1.935
89 Ethyl Ether	59	1.994	1.994	(0.461)	5303	2.50000	2.131
91 3-Chloropropene	76	2.413	2.414	(0.558)	2287	2.50000	1.735
92 Isopropyl Ether	87	3.046	3.047	(0.705)	30069	12.5000	11.516
93 2-Chloro-1,3-butadiene	53	3.070	3.071	(0.710)	7934	2.50000	2.019
94 Propionitrile	54	3.490	3.491	(0.807)	643	5.00000	1.812
95 Ethyl Acetate	43	3.484	3.485	(0.806)	15539	5.00000	4.750
96 Methacrylonitrile	41	3.588	3.588	(0.830)	4270	2.50000	2.127
97 Isobutanol	41	4.062	4.062	(0.588)	874	50.0000	12.887
99 n-Butanol	56	4.573	4.574	(0.662)	794	50.0000	16.479
100 Methyl Methacrylate	41	4.896	4.896	(1.132)	5183	2.50000	1.932
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	7.943	7.944	(0.872)	1414	25.0000	14.781
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	2803	25.0000	1.986

Report Date: 01-Jul-2004 16:40

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m
Start Cal Date: 27-MAY-2004 22:05
End Cal Date : 02-JUN-2004 19:19
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 2.500		
02-JUN-2004 19:19	3-IX	UX127155.D
27-MAY-2004 22:05	2-8260	UX126992.D
Cal Level: 2 , Cal Amount: 10.000		
02-JUN-2004 18:56	3-IX	UX127154.D
27-MAY-2004 22:28	2-8260	UX126993.D
Cal Level: 3 , Cal Amount: 25.000		
02-JUN-2004 18:33	3-IX	UX127153.D
27-MAY-2004 22:51	2-8260	UX126994.D
Cal Level: 4 , Cal Amount: 50.000		
02-JUN-2004 18:09	3-IX	UX127152.D
27-MAY-2004 23:15	2-8260	UX126995.D
Cal Level: 5 , Cal Amount: 100.00		
02-JUN-2004 17:47	3-IX	UX127151.D
27-MAY-2004 23:38	2-8260	UX126996.D
Cal Level: 6 , Cal Amount: 250.00		
02-JUN-2004 17:24	3-IX	UX127150.D
28-MAY-2004 00:02	2-8260	UX126997.D

Continuing Calibration

01-JUL-2004 15:53	2-8260	UX127845.D
01-JUL-2004 16:16	3-IX	UX127846.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux12.i Injection Date: 01-JUL-2004 15:53
Lab File ID: UX127845.D Init. Cal. Date(s): 27-MAY-2004 02-JUN-2004
Analysis Type: WATER Init. Cal. Times: 22:05 19:19
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21033	0.22164	0.010	5.4	50.0
$	5 1,2-Dichloroethane-d4	0.26483	0.27350	0.010	3.3	50.0
$	6 Toluene-d8	1.03025	1.14017	0.010	10.7	50.0
$	7 Bromofluorobenzene	0.43157	0.44406	0.010	2.9	50.0
	8 Dichlorodifluoromethane	0.24802	0.30892	0.010	24.6	50.0
	9 Chloromethane	0.41201	0.42101	0.100	2.2	50.0
	10 Vinyl Chloride	0.35271	0.37455	0.010	6.2	20.0
	11 Bromomethane	0.21561	0.22554	0.010	4.6	50.0
	12 Chloroethane	0.22318	0.25477	0.010	14.2	50.0
	13 Trichlorofluoromethane	0.32986	0.41526	0.010	25.9	50.0
	15 Acrolein	0.03722	0.04455	0.010	19.7	50.0
	16 Acetone	100	57.89489	0.010	42.1	50.0
	17 1,1-Dichloroethene	50.00000	47.47722	0.010	5.0	20.0
	18 Freon-113	50.00000	49.79507	0.010	0.4	50.0
	19 Iodomethane	0.37588	0.39650	0.010	5.5	50.0
	20 Carbon Disulfide	0.85489	0.85115	0.010	-0.4	50.0
	21 Methylene Chloride	0.28517	0.29771	0.010	4.4	50.0
	22 Acetonitrile	0.03920	0.04029	0.010	2.8	50.0
	23 Acrylonitrile	0.10167	0.10217	0.010	0.5	50.0
	24 Methyl tert-butyl ether	0.73624	0.54353	0.010	-26.2	50.0
	25 trans-1,2-Dichloroethene	0.25227	0.25165	0.010	-0.2	50.0
	26 Hexane	0.20662	0.21104	0.010	2.1	20.0
	27 Vinyl acetate	0.39314	0.45858	0.010	16.6	50.0
	28 1,1-Dichloroethane	0.41333	0.41599	0.100	0.6	50.0
	29 tert-Butyl Alcohol	0.02351	0.01596	0.010	-32.1	50.0
	30 2-Butanone	0.19358	0.13762	0.010	-28.9	50.0
M	31 1,2-Dichloroethene (total)	0.25937	0.25642	0.010	-1.1	50.0
	32 cis-1,2-dichloroethene	0.26646	0.26120	0.010	-2.0	50.0
	33 2,2-Dichloropropane	0.14508	0.12297	0.010	-15.2	50.0
	34 Bromochloromethane	0.13027	0.13047	0.010	0.2	50.0
	35 Chloroform	0.41500	0.40929	0.010	-1.4	20.0
	36 Tetrahydrofuran	50.00000	45.61469	0.010	8.8	50.0
	37 1,1,1-Trichloroethane	0.33193	0.33579	0.010	1.2	50.0
	38 1,1-Dichloropropene	0.31745	0.32197	0.010	1.4	50.0
	39 Carbon Tetrachloride	0.26775	0.26534	0.010	-0.9	50.0
	40 1,2-Dichloroethane	0.33595	0.32072	0.010	-4.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux12.i
Lab File ID: UX127845.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m

Injection Date: 01-JUL-2004 15:53
Init. Cal. Date(s): 27-MAY-2004 02-JUN-2004
Init. Cal. Times: 22:05 19:19
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	41 Benzene	1.10967	1.02630	0.010	-7.5	50.0	
	42 Trichloroethene	0.28750	0.28069	0.010	-2.4	50.0	
	43 1,2-Dichloropropane	0.24295	0.23750	0.010	-2.2	20.0	
	44 1,4-Dioxane	2500	2707	0.010	-8.3	50.0	
	45 Dibromomethane	0.14636	0.14376	0.010	-1.8	50.0	
	46 Bromodichloromethane	0.30732	0.30157	0.010	-1.9	50.0	
	47 2-Chloroethyl vinyl ether	0.09496	0.03677	0.010	-61.3	50.0	<-
	48 cis-1,3-Dichloropropene	0.40297	0.37409	0.010	-7.2	50.0	
	49 4-Methyl-2-pentanone	0.30082	0.27559	0.010	-8.4	50.0	
	50 Toluene	1.35545	1.39894	0.010	3.2	20.0	
	51 trans-1,3-Dichloropropene	0.43826	0.40273	0.010	-8.1	50.0	
	52 Ethyl Methacrylate	0.44295	0.43235	0.010	-2.4	50.0	
	53 1,1,2-Trichloroethane	0.28058	0.29530	0.010	5.2	50.0	
	54 1,3-Dichloropropane	0.52549	0.54723	0.010	4.1	50.0	
	55 Tetrachloroethene	0.25882	0.26988	0.010	4.3	50.0	
	56 2-Hexanone	0.29773	0.25612	0.010	-14.0	50.0	
	57 Dibromochloromethane	0.27793	0.29014	0.010	4.4	50.0	
	58 1,2-Dibromoethane	0.30071	0.30405	0.010	1.1	50.0	
	59 Chlorobenzene	0.93695	0.94101	0.300	0.4	50.0	
	60 1,1,1,2-Tetrachloroethane	0.31054	0.31067	0.010	0.0	50.0	
	61 Ethylbenzene	0.47372	0.46665	0.010	-1.5	20.0	
	62 m + p-Xylene	0.60020	0.59707	0.010	-0.5	50.0	
M	63 Xylenes (total)	0.59638	0.59393	0.010	-0.4	50.0	
	64 Xylene-o	0.58875	0.58766	0.010	-0.2	50.0	
	65 Styrene	1.04580	1.06506	0.010	1.8	50.0	
	66 Bromoform	50.00000	46.57619	0.100	6.8	50.0	
	67 Isopropylbenzene	1.25134	1.22786	0.010	-1.9	50.0	
	68 1,1,2,2-Tetrachloroethane	0.72561	0.77317	0.300	6.6	50.0	
	69 1,4-Dichloro-2-butene	50.00000	33.46256	0.010	33.1	50.0	
	70 1,2,3-Trichloropropane	0.27791	0.26842	0.010	-3.4	50.0	
	71 Bromobenzene	0.81773	0.79139	0.010	-3.2	50.0	
	72 n-Propylbenzene	0.64854	0.66040	0.010	1.8	50.0	
	73 2-Chlorotoluene	0.65438	0.63543	0.010	-2.9	50.0	
	74 1,3,5-Trimethylbenzene	1.89762	1.87189	0.010	-1.4	50.0	
	75 4-Chlorotoluene	0.69841	0.67355	0.010	-3.6	50.0	
	76 tert-Butylbenzene	1.58150	1.58671	0.010	0.3	50.0	

RF=0.1966 ✓
F 7-1-X

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux12.i
Lab File ID: UX127845.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m

Injection Date: 01-JUL-2004 15:53
Init. Cal. Date(s): 27-MAY-2004 02-JUN-2004
Init. Cal. Times: 22:05 19:19
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
77	1,2,4-Trimethylbenzene	1.99605	2.01188	0.010	0.8	50.0	
78	sec-Butylbenzene	2.07325	2.13499	0.010	3.0	50.0	
79	4-Isopropyltoluene	1.78824	1.87167	0.010	4.7	50.0	
80	1,3-Dichlorobenzene	1.32291	1.33177	0.010	0.7	50.0	
81	1,4-Dichlorobenzene	1.42262	1.40297	0.010	-1.4	50.0	
82	n-Butylbenzene	1.40936	1.48623	0.010	5.5	50.0	
83	1,2-Dichlorobenzene	1.30960	1.35366	0.010	3.4	50.0	
84	1,2-Dibromo-3-chloropropane	50.00000	49.02384	0.010	2.0	50.0	
85	1,2,4-Trichlorobenzene	0.53651	0.69067	0.010	28.7	50.0	
86	Hexachlorobutadiene	0.24679	0.29612	0.010	20.0	50.0	
87	Naphthalene	50.00000	68.26832	0.010	-36.5	50.0	
88	1,2,3-Trichlorobenzene	0.36313	0.61550	0.010	69.5	50.0	<-
98	Cyclohexane	50.00000	47.81889	0.010	4.4	50.0	
143	Methyl Acetate	0.22475	0.20027	0.010	-10.9	50.0	
144	Methylcyclohexane	0.26303	0.25035	0.010	-4.8	50.0	
141	1,3,5-Trichlorobenzene	0.65765	0.75024	0.010	14.1	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b/UX127845.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux12.i
Lab File ID: UX127845.D
Analysis Type: WATER

Injection Date: 01-JUL-2004 15:53
Lab Sample ID: 50NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	Chlorobenzene	50.0000	50.2164	0.4	50.0
0	Bromodichloromethane	50.0000	49.0632	1.9	50.0
0	1,1,2,2-Tetrachloroethane	50.0000	53.2769	6.6	50.0
0	Bromoform	50.0000	46.5762	6.8	50.0
0	Styrene	50.0000	50.9205	1.8	50.0
0	Xylene-o	50.0000	49.9075	0.2	50.0
0	Xylenes (total)	150.0000	149.3849	0.4	50.0
0	2-Hexanone	100.0000	86.0264	14.0	50.0
0	Chloromethane	50.0000	51.0934	2.2	50.0
0	Vinyl Chloride	50.0000	53.0963	6.2	20.0
0	Bromomethane	50.0000	52.3007	4.6	50.0
0	Chloroethane	50.0000	57.0774	14.2	50.0
0	1,1-Dichloroethane	50.0000	50.3216	0.6	50.0
0	Tetrachloroethene	50.0000	52.1381	4.3	50.0
0	Acetone	100.0000	57.8949	42.1	50.0
0	1,1-Dichloroethene	50.0000	47.4772	5.0	20.0
0	m + p-Xylene	100.0000	99.4775	0.5	50.0
0	Ethylbenzene	50.0000	49.2536	1.5	20.0
0	Carbon Disulfide	50.0000	49.7813	0.4	50.0
0	Methylene Chloride	50.0000	52.1971	4.4	50.0
0	1,2-Dichloropropane	50.0000	48.8792	2.2	20.0
0	1,1,2-Trichloroethane	50.0000	52.6228	5.2	50.0
0	Dibromochloromethane	50.0000	52.1963	4.4	50.0
0	trans-1,2-Dichloroethene	50.0000	49.8768	0.2	50.0
0	trans-1,3-Dichloropropene	50.0000	45.9470	8.1	50.0
0	cis-1,3-Dichloropropene	50.0000	46.4159	7.2	50.0
0	Chloroform	50.0000	49.3120	1.4	20.0
0	Toluene	50.0000	51.6044	3.2	20.0
0	2-Butanone	100.0000	71.0901	28.9	50.0
0	1,2-Dichloroethene (total)	100.0000	98.8886	1.1	50.0
0	cis-1,2-dichloroethene	50.0000	49.0118	2.0	50.0
0	4-Methyl-2-pentanone	100.0000	91.6135	8.4	50.0
0	1,2-Dichloroethane	50.0000	47.7333	4.5	50.0
0	Trichloroethene	50.0000	48.8157	2.4	50.0
0	1,1,1-Trichloroethane	50.0000	50.5812	1.2	50.0
0	Carbon Tetrachloride	50.0000	49.5505	0.9	50.0
0	Benzene	50.0000	46.2435	7.5	50.0
38	Dichlorodifluoromethane	50.0000	62.2763	24.6	50.0
39	Trichlorofluoromethane	50.0000	62.9435	25.9	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b/UX127845.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux12.i
Lab File ID: UX127845.D
Analysis Type: WATER

Injection Date: 01-JUL-2004 15:53
Lab Sample ID: 50NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux12.i\

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39	Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
40	Acrolein	500.0000	598.4574	19.7	50.0	
41	Acrylonitrile	500.0000	502.4567	0.5	50.0	
42	Vinyl acetate	50.0000	58.3221	16.6	50.0	
43	2-Chloroethyl vinyl ether	100.0000	38.7197	61.3	50.0	<-
47	Freon-113	50.0000	49.7951	0.4	50.0	
48	1,3-Dichlorobenzene	50.0000	50.3349	0.7	50.0	
49	1,4-Dichlorobenzene	50.0000	49.3096	1.4	50.0	
50	1,2-Dichlorobenzene	50.0000	51.6823	3.4	50.0	
51	Acetonitrile	500.0000	513.7952	2.8	50.0	
52	Iodomethane	50.0000	52.7422	5.5	50.0	
59	1,4-Dioxane	2500.0000	2706.8241	8.3	50.0	
60	Dibromomethane	50.0000	49.1128	1.8	50.0	
62	Ethyl Methacrylate	50.0000	48.8042	2.4	50.0	
63	1,2-Dibromoethane	50.0000	50.5552	1.1	50.0	
64	1,1,1,2-Tetrachloroethane	50.0000	50.0215	0.0	50.0	
65	1,2,3-Trichloropropane	50.0000	48.2912	3.4	50.0	
66	1,4-Dichloro-2-butene	50.0000	33.4626	33.1	50.0	
69	1,2-Dibromo-3-chloropropane	50.0000	49.0238	2.0	50.0	
82	Methyl tert-butyl ether	50.0000	36.9125	26.2	50.0	
84	Tetrahydrofuran	50.0000	45.6147	8.8	50.0	
98	2,2-Dichloropropane	50.0000	42.3803	15.2	50.0	
99	1,1-Dichloropropene	50.0000	50.7118	1.4	50.0	
100	1,3-Dichloropropane	50.0000	52.0687	4.1	50.0	
102	Bromobenzene	50.0000	48.3894	3.2	50.0	
103	2-Chlorotoluene	50.0000	48.5520	2.9	50.0	
104	n-Propylbenzene	50.0000	50.9144	1.8	50.0	
105	4-Chlorotoluene	50.0000	48.2206	3.6	50.0	
106	1,3,5-Trimethylbenzene	50.0000	49.3220	1.4	50.0	
107	tert-Butylbenzene	50.0000	50.1646	0.3	50.0	
108	1,2,4-Trimethylbenzene	50.0000	50.3964	0.8	50.0	
109	sec-Butylbenzene	50.0000	51.4889	3.0	50.0	
110	4-Isopropyltoluene	50.0000	52.3326	4.7	50.0	
111	n-Butylbenzene	50.0000	52.7270	5.5	50.0	
112	1,2,4-Trichlorobenzene	50.0000	64.3673	28.7	50.0	
113	Naphthalene	50.0000	68.2683	36.5	50.0	
114	Hexachlorobutadiene	50.0000	59.9958	20.0	50.0	
115	1,2,3-Trichlorobenzene	50.0000	84.7481	69.5	50.0	<-
124	tert-Butyl Alcohol	1000.0000	678.7448	32.1	50.0	

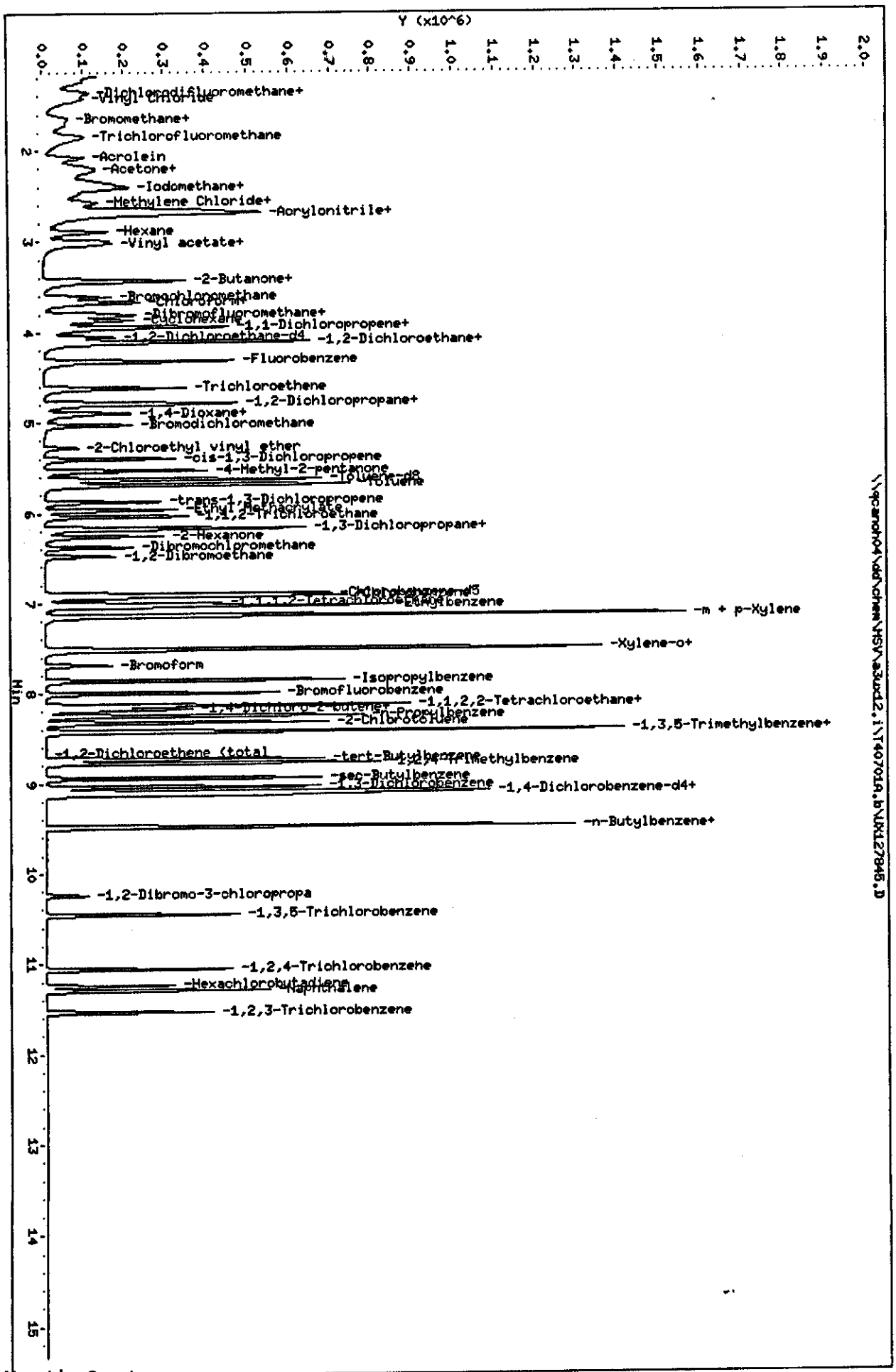
Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b/UX127845.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux12.i
Lab File ID: UX127845.D
Analysis Type: WATER

Injection Date: 01-JUL-2004 15:53
Lab Sample ID: 50NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux12.i\

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
125	Hexane	50.0000	51.0701	2.1	20.0
127	Cyclohexane	50.0000	47.8189	4.4	50.0
128	Isopropylbenzene	50.0000	49.0617	1.9	50.0
130	Fluorobenzene	50.0000	50.0000	0.0	50.0
132	1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0
133	Bromochloromethane	50.0000	50.0774	0.2	50.0
141	1,3,5-Trichlorobenzene	50.0000	57.0397	14.1	50.0
143	Methyl Acetate	100.0000	89.1058	10.9	50.0
144	Methylcyclohexane	50.0000	47.5900	4.8	50.0
22	Toluene-d8	50.0000	55.3348	10.7	50.0
32	Bromofluorobenzene	50.0000	51.4472	2.9	50.0
47	1,2-Dichloroethane-d4	50.0000	51.6359	3.3	50.0
131	Dibromofluoromethane	50.0000	52.6899	5.4	50.0


Data File: \\qcanch04\dd\chem\HSV\a3ux12.i\T407010.b\UX127845.D
Date : 01-JUL-2004 15:53
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18
\\qcanch04\dd\chem\HSV\a3ux12.i\T407010.b\UX127845.D
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl chloride
-Bromomethane+
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane+
-Methylene Chloride+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5
-1,1,1,2-Tetrachloroethane
-Ethylbenzene
-m + p-Xylene
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-1,4-Dichloro-2-butene+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-1,2-Dichloroethene (total
-tert-Butylbenzene
1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Lab Smp Id: 50NG-CC
Inj Date : 01-JUL-2004 15:53
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 50NG-CC
Misc Info : T40701A,8260LLUX12,2-8260.SUB,1903,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m
Meth Date : 01-Jul-2004 16:35 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 19:19 Cal File: UX127155.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1	Fluorobenzene	96	4.324	4.324	(1.000)	504303	50.0000	
* 2	Chlorobenzene-d5	117	6.903	6.903	(1.000)	392085	50.0000	
* 3	1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	212252	50.0000	
$ 4	Dibromofluoromethane	113	3.794	3.794	(0.878)	111776	50.0000	52.690
$ 5	1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	137926	50.0000	51.636
$ 6	Toluene-d8	98	5.632	5.632	(0.816)	447044	50.0000	55.335
$ 7	Bromofluorobenzene	95	7.998	7.998	(1.159)	174109	50.0000	51.447
8	Dichlorodifluoromethane	85	1.252	1.252	(0.290)	155788	50.0000	62.276
9	Chloromethane	50	1.361	1.361	(0.315)	212319	50.0000	51.093
10	Vinyl Chloride	62	1.434	1.434	(0.332)	188887	50.0000	53.096
11	Bromomethane	94	1.653	1.653	(0.382)	113738	50.0000	52.301
12	Chloroethane	64	1.720	1.720	(0.398)	128482	50.0000	57.077
13	Trichlorofluoromethane	101	1.866	1.866	(0.432)	209415	50.0000	62.944
15	Acrolein	56	2.085	2.085	(0.482)	224645	500.000	598.46
16	Acetone	43	2.182	2.182	(0.505)	86783	100.000	57.895
17	1,1-Dichloroethene	96	2.237	2.237	(0.517)	129499	50.0000	47.477
18	Freon-113	151	2.225	2.225	(0.515)	90218	50.0000	49.795

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	19 Iodomethane	142	2.359	2.359	(0.546)	199955	50.0000	52.742
	20 Carbon Disulfide	76	2.371	2.371	(0.548)	429239	50.0000	49.781
	21 Methylene Chloride	84	2.590	2.590	(0.599)	150134	50.0000	52.197
	22 Acetonitrile	41	2.389	2.389	(0.553)	203162	500.000	513.80
	23 Acrylonitrile	53	2.663	2.663	(0.616)	515262	500.000	502.46
	24 Methyl tert-butyl ether	73	2.693	2.693	(0.623)	274103	50.0000	36.912
	25 trans-1,2-Dichloroethene	96	2.687	2.687	(0.622)	126906	50.0000	49.877
	26 Hexane	57	2.894	2.894	(0.669)	106430	50.0000	51.070
	27 Vinyl acetate	43	3.028	3.028	(0.700)	231262	50.0000	58.322
	28 1,1-Dichloroethane	63	2.998	2.998	(0.693)	209785	50.0000	50.322
	29 tert-Butyl Alcohol	59	2.578	2.578	(0.596)	160964	1000.00	678.74
	30 2-Butanone	43	3.436	3.436	(0.795)	138802	100.000	71.090
M	31 1,2-Dichloroethene (total)	96				258629	100.000	98.889
	32 cis-1,2-dichloroethene	96	3.429	3.429	(0.793)	131723	50.0000	49.012
	33 2,2-Dichloropropane	77	3.436	3.436	(0.795)	62014	50.0000	42.380
	34 Bromochloromethane	128	3.606	3.606	(0.834)	65796	50.0000	50.077
	35 Chloroform	83	3.673	3.673	(0.849)	206408	50.0000	49.312
	36 Tetrahydrofuran	42	3.661	3.661	(0.847)	40289	50.0000	45.615
	37 1,1,1-Trichloroethane	97	3.819	3.819	(0.883)	169338	50.0000	50.581
	38 1,1-Dichloropropene	75	3.947	3.947	(0.913)	162369	50.0000	50.712
	39 Carbon Tetrachloride	117	3.953	3.953	(0.914)	133814	50.0000	49.550
	40 1,2-Dichloroethane	62	4.117	4.117	(0.952)	161740	50.0000	47.733
	41 Benzene	78	4.111	4.111	(0.951)	517567	50.0000	46.243
	42 Trichloroethene	130	4.622	4.622	(1.069)	141553	50.0000	48.816
	43 1,2-Dichloropropane	63	4.798	4.798	(1.110)	119773	50.0000	48.879
	44 1,4-Dioxane	88	4.920	4.920	(1.138)	77088	2500.00	2706.8(A)
	45 Dibromomethane	93	4.896	4.896	(1.132)	72499	50.0000	49.113
	46 Bromodichloromethane	83	5.023	5.023	(1.162)	152081	50.0000	49.063
	47 2-Chloroethyl vinyl ether	63	5.279	5.279	(1.221)	37084	100.000	38.720
	48 cis-1,3-Dichloropropene	75	5.401	5.401	(1.249)	188653	50.0000	46.416
	49 4-Methyl-2-pentanone	43	5.534	5.534	(1.280)	277964	100.000	91.613
	50 Toluene	91	5.693	5.693	(0.825)	548504	50.0000	51.604
	51 trans-1,3-Dichloropropene	75	5.875	5.875	(0.851)	157905	50.0000	45.947
	52 Ethyl Methacrylate	69	5.966	5.966	(0.864)	169519	50.0000	48.804
	53 1,1,2-Trichloroethane	97	6.033	6.033	(0.874)	115783	50.0000	52.623
	54 1,3-Dichloropropane	76	6.185	6.185	(0.896)	214561	50.0000	52.069
	55 Tetrachloroethene	164	6.173	6.173	(0.894)	105817	50.0000	52.138
	56 2-Hexanone	43	6.264	6.264	(0.907)	200845	100.000	86.026
	57 Dibromochloromethane	129	6.386	6.386	(0.925)	113759	50.0000	52.196
	58 1,2-Dibromoethane	107	6.483	6.483	(0.939)	119214	50.0000	50.555
	59 Chlorobenzene	112	6.934	6.934	(1.004)	368954	50.0000	50.216
	60 1,1,1,2-Tetrachloroethane	131	7.007	7.007	(1.015)	121810	50.0000	50.021
	61 Ethylbenzene	106	7.037	7.037	(1.019)	182966	50.0000	49.254
	62 m + p-Xylene	106	7.147	7.147	(1.035)	468201	100.000	99.477
M	63 Xylenes (total)	106				698613	150.000	149.38
	64 Xylene-o	106	7.512	7.512	(1.088)	230412	50.0000	49.907
	65 Styrene	104	7.524	7.524	(1.090)	417593	50.0000	50.920

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127845.D
Report Date: 01-Jul-2004 16:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	7.688	7.688	(1.114)	77097	50.0000	46.576
67 Isopropylbenzene	105	7.858	7.858	(1.138)	481424	50.0000	49.062
68 1,1,2,2-Tetrachloroethane	83	8.138	8.138	(0.894)	164106	50.0000	53.277
69 1,4-Dichloro-2-butene	53	8.193	8.193	(0.900)	29450	50.0000	33.462
70 1,2,3-Trichloropropane	110	8.175	8.175	(0.898)	56972	50.0000	48.291
71 Bromobenzene	156	8.138	8.138	(0.894)	167974	50.0000	48.389
72 n-Propylbenzene	120	8.254	8.254	(0.906)	140172	50.0000	50.914
73 2-Chlorotoluene	126	8.327	8.327	(0.914)	134872	50.0000	48.552
74 1,3,5-Trimethylbenzene	105	8.424	8.424	(0.925)	397312	50.0000	49.322
75 4-Chlorotoluene	126	8.430	8.430	(0.926)	142963	50.0000	48.221
76 tert-Butylbenzene	119	8.734	8.734	(0.959)	336782	50.0000	50.165
77 1,2,4-Trimethylbenzene	105	8.777	8.777	(0.964)	427025	50.0000	50.396
78 sec-Butylbenzene	105	8.947	8.947	(0.983)	453155	50.0000	51.489
79 4-Isopropyltoluene	119	9.087	9.087	(0.998)	397265	50.0000	52.333
80 1,3-Dichlorobenzene	146	9.038	9.038	(0.993)	282671	50.0000	50.335
81 1,4-Dichlorobenzene	146	9.130	9.130	(1.003)	297784	50.0000	49.310
82 n-Butylbenzene	91	9.489	9.489	(1.042)	315455	50.0000	52.727
83 1,2-Dichlorobenzene	146	9.483	9.483	(1.041)	287318	50.0000	51.682
84 1,2-Dibromo-3-chloropropane	157	10.243	10.243	(1.125)	29033	50.0000	49.024
85 1,2,4-Trichlorobenzene	180	11.058	11.058	(1.214)	146597	50.0000	64.367
86 Hexachlorobutadiene	225	11.241	11.241	(1.234)	62853	50.0000	59.996
87 Naphthalene	128	11.296	11.296	(1.241)	409721	50.0000	68.268
88 1,2,3-Trichlorobenzene	180	11.539	11.539	(1.267)	130641	50.0000	84.748
98 Cyclohexane	56	3.867	3.867	(0.894)	162687	50.0000	47.819
143 Methyl Acetate	43	2.420	2.420	(0.560)	201989	100.000	89.106
144 Methylcyclohexane	83	4.786	4.786	(1.107)	126251	50.0000	47.590
141 1,3,5-Trichlorobenzene	180	10.456	10.456	(1.148)	159240	50.0000	57.040

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127846.D
Report Date: 01-Jul-2004 16:41

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux12.i
Lab File ID: UX127846.D
Analysis Type: WATER
Lab Sample ID: 50NG-A9CC
Method: \\QCANOH04\DD\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m

Injection Date: 01-JUL-2004 16:16
Init. Cal. Date(s): 27-MAY-2004 02-JUN-2004
Init. Cal. Times: 22:05 19:19
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
14	Dichlorofluoromethane	0.45342	0.46113	0.010	1.7	50.0	
89	Ethyl Ether	0.20865	0.20365	0.010	-2.4	50.0	
91	3-Chloropropene	0.11726	0.12464	0.010	6.3	50.0	
92	Isopropyl Ether	0.21890	0.21714	0.010	-0.8	50.0	
93	2-Chloro-1,3-butadiene	0.32950	0.34819	0.010	5.7	50.0	
94	Propionitrile	100	107	0.010	-6.9	50.0	
95	Ethyl Acetate	0.27424	0.26939	0.010	-1.8	50.0	
96	Methacrylonitrile	0.16834	0.16930	0.010	0.6	50.0	
97	Isobutanol	1000	905	0.010	9.5	50.0	
99	n-Butanol	1000	839	0.010	16.1	50.0	
100	Methyl Methacrylate	0.22489	0.22689	0.010	0.9	50.0	
101	2-Nitropropane	100	141	0.010	-41.2	50.0	
103	Cyclohexanone	0.02259	0.02690	0.010	19.1	50.0	
146	2-Methylnaphthalene	200	706	0.010	-252.8	50.0	<-

Data File: \\QCANOH04\DD\chem\MSV\a3ux12.i\T40701A.b/UX127846.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

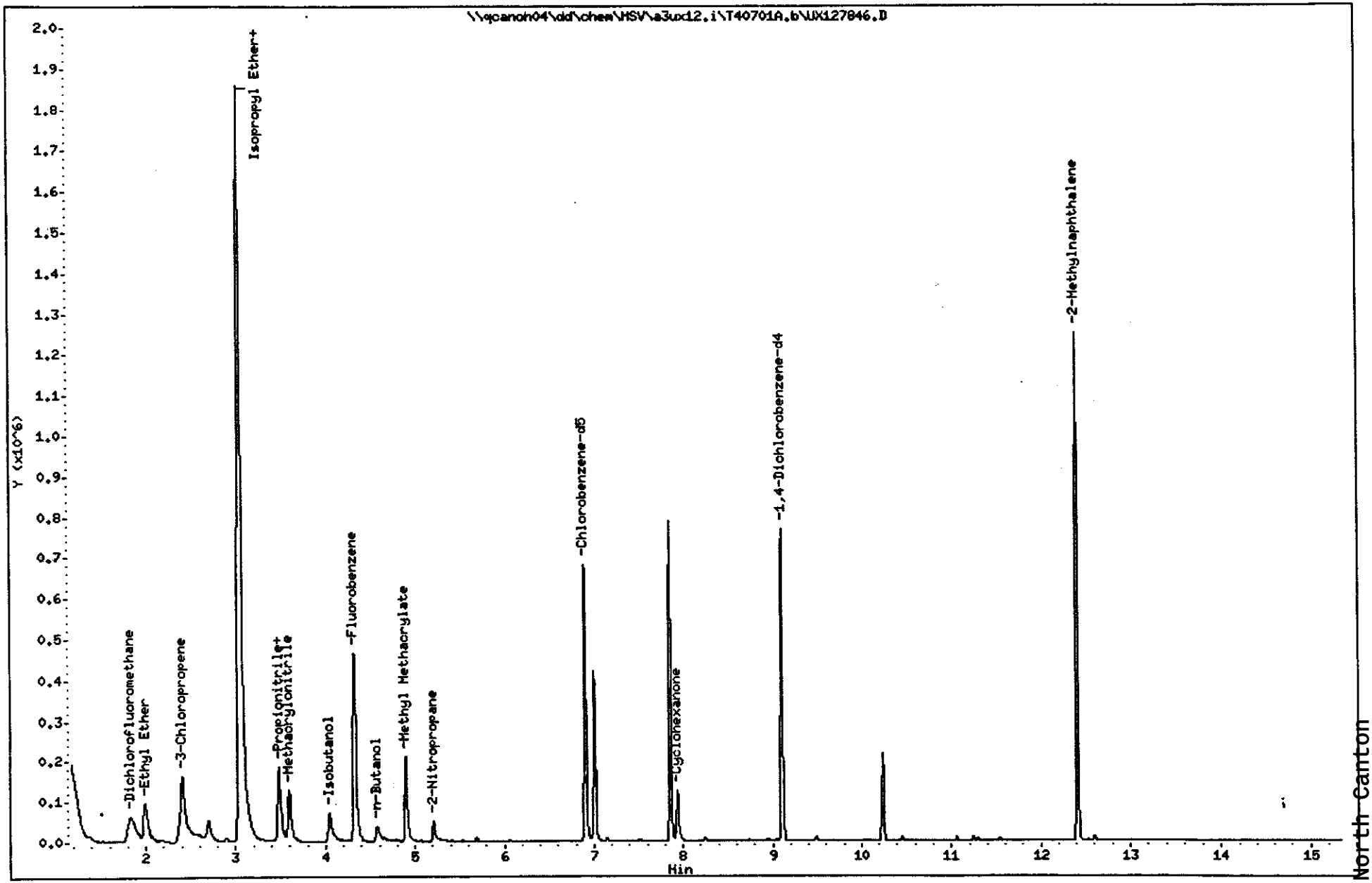
Instrument ID: a3ux12.i
Lab File ID: UX127846.D
Analysis Type: WATER

Injection Date: 01-JUL-2004 16:16
Lab Sample ID: 50NG-A9CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux12.i\T40701A

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39	Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
53	3-Chloropropene	50.0000	53.1470	6.3	50.0	
54	2-Chloro-1,3-butadiene	50.0000	52.8355	5.7	50.0	
55	Propionitrile	100.0000	106.8905	6.9	50.0	
56	Methacrylonitrile	50.0000	50.2837	0.6	50.0	
57	Isobutanol	1000.0000	904.7260	9.5	50.0	
58	Methyl Methacrylate	50.0000	50.4442	0.9	50.0	
73	n-Butanol	1000.0000	839.4573	16.1	50.0	
74	Ethyl Acetate	100.0000	98.2326	1.8	50.0	
75	Cyclohexanone	500.0000	595.3489	19.1	50.0	
76	Ethyl Ether	50.0000	48.8015	2.4	50.0	
85	Dichlorofluoromethane	50.0000	50.8497	1.7	50.0	
86	2-Nitropropane	100.0000	141.2409	41.2	50.0	
126	Isopropyl Ether	250.0000	247.9863	0.8	50.0	
130	Fluorobenzene	50.0000	50.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	50.0000	50.0000	0.0	50.0	
146	2-Methylnaphthalene	200.0000	705.6587	252.8	50.0	<-

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40701A.b\UX127846.D
Date : 01-JUL-2004 16:16
Client ID:
Sample Info: 50NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127846.D
Report Date: 01-Jul-2004 16:41

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127846.D
Lab Smp Id: 50NG-A9CC
Inj Date : 01-JUL-2004 16:16
Operator : 1903 Inst ID: a3ux12.i
Smp Info : 50NG-A9CC
Misc Info : T40701A,8260LLUX12,3-IX.SUB,1903,2
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m
Meth Date : 01-Jul-2004 16:35 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 19:19 Cal File: UX127155.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: QCANOH04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.330	4.324	(1.000)	519961	50.0000	
* 2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	399403	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	208320	50.0000	
14 Dichlorofluoromethane	67	1.854	1.854	(0.428)	239768	50.0000	50.850
89 Ethyl Ether	59	2.000	2.000	(0.462)	105891	50.0000	48.802
91 3-Chloropropene	76	2.414	2.414	(0.557)	64805	50.0000	53.147
92 Isopropyl Ether	87	3.052	3.052	(0.705)	564512	250.000	247.99(A)
93 2-Chloro-1,3-butadiene	53	3.071	3.071	(0.709)	181044	50.0000	52.836
94 Propionitrile	54	3.484	3.484	(0.805)	40175	100.000	106.89
95 Ethyl Acetate	43	3.484	3.484	(0.805)	280142	100.000	98.233
96 Methacrylonitrile	41	3.594	3.594	(0.830)	88028	50.0000	50.284
97 Isobutanol	41	4.044	4.044	(0.585)	63686	1000.00	904.72(A)
99 n-Butanol	56	4.579	4.579	(0.663)	39632	1000.00	839.46(A)
100 Methyl Methacrylate	41	4.896	4.896	(1.131)	117974	50.0000	50.444
101 2-Nitropropane	41	5.212	5.212	(1.204)	30877	100.000	141.24
103 Cyclohexanone	55	7.937	7.937	(0.872)	56038	500.000	595.35(A)
146 2-Methylnaphthalene	142	12.415	12.415	(1.363)	589588	200.000	705.66(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127846.D
Report Date: 01-Jul-2004 16:41

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 02-Jun-2004 12:36

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

02-JUN-2004 09:50	1-8260	143535.D
02-JUN-2004 10:15	BRME	143536.D
02-JUN-2004 11:28	3-IX	143539.D

Report Date : 02-Jun-2004 12:26

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143542.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143541.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143540.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143539.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD
	8 Dichlorodifluoromethane	0.32869	0.34924	0.34688	0.35343	0.35168	0.35208	0.34700	2.670
	9 Chloromethane	0.39152	0.40235	0.41760	0.43277	0.41995	0.39989	0.41068	3.733
	10 Vinyl Chloride	0.35957	0.36846	0.38113	0.39777	0.41584	0.41502	0.38963	6.097
	11 Bromomethane	0.17455	0.18203	0.17805	0.17150	0.18982	0.18418	0.18002	3.716
	12 Chloroethane	0.22337	0.23953	0.24664	0.25886	0.24950	+++++	0.24358	5.441
	13 Trichlorofluoromethane	0.40851	0.41813	0.42475	0.44491	0.42937	0.44589	0.42859	3.450
	14 Dichlorofluoromethane	0.60175	0.58373	0.54012	0.56325	0.59616	0.60241	0.58124	4.292
	15 Acrolein	0.03868	0.03574	0.04090	0.04390	0.04344	0.04484	0.04125	8.518
	16 Acetone	0.18009	0.15578	0.13814	0.15045	0.14191	0.13288	0.14987	11.316
	17 1,1-Dichloroethene	0.22698	0.21086	0.22864	0.22925	0.22921	0.23661	0.22692	3.768
	18 Freon-113	0.14488	0.12354	0.13850	0.13491	0.13495	0.13824	0.13584	5.180
	19 Iodomethane	0.07529	0.10176	0.13465	0.16696	0.17973	0.19237	0.14179	32.636
	20 Carbon Disulfide	0.84758	0.79998	0.90193	0.91493	0.92985	0.97578	0.89501	6.971
	21 Methylene Chloride	0.37697	0.30789	0.29983	0.27888	0.26990	0.27779	0.30188	13.093
	22 Acetonitrile	0.03260	0.03166	0.03037	0.03075	0.02968	0.03048	0.03093	3.373
	23 Acrylonitrile	0.09509	0.09247	0.08937	0.09575	0.09285	0.09457	0.09335	2.495
	24 Methyl tert-butyl ether	0.88209	0.84227	0.95648	0.97405	0.95331	1.00314	0.93522	6.480
	25 trans-1,2-Dichloroethene	0.26726	0.23744	0.26553	0.26081	0.25923	0.26716	0.25957	4.371
	26 Hexane	0.07263	0.08461	0.08055	0.08357	0.08941	0.08601	0.08280	6.970
	27 Vinyl acetate	0.50941	0.52242	0.56418	0.61041	0.60961	0.64728	0.57722	9.435
	28 1,1-Dichloroethane	0.60812	0.55468	0.61580	0.60902	0.60170	0.63049	0.60330	4.270
	29 tert-Butyl Alcohol	0.02599	0.02277	0.02663	0.02719	0.02557	0.02944	0.02626	8.313
	30 2-Butanone	0.18844	0.18055	0.17913	0.19450	0.18545	0.17272	0.18347	4.174
M	31 1,2-Dichloroethene (total)	0.27742	0.25369	0.28074	0.27898	0.27532	0.28355	0.27495	3.925
	32 cis-1,2-dichloroethene	0.28758	0.26993	0.29595	0.29716	0.29140	0.29995	0.29033	3.759

Report Date : 02-Jun-2004 12:26

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
	33 2,2-Dichloropropane	0.45535	0.42824	0.48047	0.48707	0.48773	0.50546	0.47405	5.840	
	34 Bromochloromethane	0.09785	0.08972	0.09872	0.09980	0.09685	0.09913	0.09701	3.830	
	35 Chloroform	0.53367	0.48974	0.53274	0.53206	0.52415	0.54983	0.52703	3.814	
	36 Tetrahydrofuran	0.06745	0.06486	0.07265	0.08152	0.08036	0.08226	0.07485	10.164	
	37 1,1,1-Trichloroethane	0.47061	0.43159	0.48393	0.47850	0.48129	0.49932	0.47421	4.830	
	38 1,1-Dichloropropene	0.43914	0.41491	0.47748	0.46221	0.46330	0.47949	0.45609	5.440	
	39 Carbon Tetrachloride	0.35916	0.32458	0.35981	0.36170	0.35677	0.36138	0.35390	4.089	
	40 1,2-Dichloroethane	0.45324	0.40722	0.43531	0.43431	0.41845	0.43151	0.43001	3.664	
	41 Benzene	1.28553	1.16558	1.29315	1.27244	1.26755	1.31428	1.26642	4.115	
	42 Trichloroethene	0.22989	0.20722	0.23250	0.23117	0.23416	0.24037	0.22922	4.966	
	43 1,2-Dichloropropane	0.32353	0.30335	0.32872	0.33313	0.32301	0.33995	0.32528	3.835	
	44 1,4-Dioxane	0.00250	0.00247	0.00267	0.00241	0.00231	0.00229	0.00244	5.766	<-
	45 Dibromomethane	0.13473	0.12812	0.14247	0.14303	0.13933	0.14431	0.13867	4.475	
	46 Bromodichloromethane	0.34426	0.32938	0.36917	0.38839	0.38476	0.41289	0.37148	8.250	
	47 2-Chloroethyl vinyl ether	0.02394	0.03093	0.03171	0.04580	0.05661	0.06990	0.04315	40.849	
	48 cis-1,3-Dichloropropene	0.38663	0.39013	0.47245	0.50246	0.51057	0.54593	0.46803	14.101	
	49 4-Methyl-2-pentanone	0.25541	0.26971	0.28737	0.30860	0.29883	0.28176	0.28361	6.805	
	50 Toluene	2.21739	2.05511	2.29566	2.28621	2.24567	2.35479	2.24247	4.596	
	51 trans-1,3-Dichloropropene	0.60578	0.58110	0.69799	0.75936	0.76906	0.81881	0.70535	13.488	
	52 Ethyl Methacrylate	0.45100	0.48624	0.59728	0.65812	0.64382	0.64132	0.57963	15.366	
	53 1,1,2-Trichloroethane	0.37448	0.34604	0.36897	0.37527	0.36496	0.37683	0.36776	3.135	
	54 1,3-Dichloropropane	0.74996	0.68403	0.76393	0.77806	0.75140	0.77148	0.74981	4.541	
	55 Tetrachloroethene	0.31769	0.30564	0.33319	0.32178	0.31996	0.32428	0.32042	2.812	
	56 2-Hexanone	0.49008	0.50169	0.49517	0.48989	0.43746	0.35814	0.46207	12.101	
	57 Dibromochloromethane	0.26287	0.26616	0.30990	0.33307	0.32907	0.35563	0.30945	12.194	
	58 1,2-Dibromoethane	0.31545	0.28397	0.33030	0.33794	0.32816	0.34630	0.32369	6.802	
	59 Chlorobenzene	1.26908	1.12509	1.24534	1.21498	1.19359	1.24394	1.21534	4.231	
	60 1,1,1,2-Tetrachloroethane	0.33902	0.31059	0.35879	0.36343	0.35556	0.36812	0.34925	6.124	
	61 Ethylbenzene	0.63559	0.62240	0.72352	0.72630	0.72378	0.75026	0.69698	7.713	
	62 m + p-Xylene	0.80132	0.78047	0.90834	0.89684	0.87800	0.90485	0.86164	6.520	
M	63 Xylenes (total)	0.76212	0.75278	0.88460	0.87965	0.86297	0.89228	0.83907	7.629	
	64 Xylene-o	0.68372	0.69740	0.83710	0.84527	0.83291	0.86715	0.79393	10.208	
	65 Styrene	1.04039	1.06475	1.35150	1.40321	1.40865	1.48744	1.29266	14.786	

Report Date : 02-Jun-2004 12:26

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks
Curve Type : Average

Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
66 Bromoform	0.14199	0.14073	0.16956	0.19271	0.19801	0.21632	0.17655	17.603	
67 Isopropylbenzene	1.59952	1.64818	2.09293	2.17401	2.22322	2.34591	2.01396	15.566	
68 1,1,2,2-Tetrachloroethane	0.98351	0.94860	0.99486	1.05364	1.03127	1.03836	1.00837	3.929	
69 1,4-Dichloro-2-butene	0.25973	0.26007	0.32184	0.35349	0.36714	0.37481	0.32285	16.111	
70 1,2,3-Trichloropropane	0.28963	0.26875	0.29939	0.30212	0.29533	0.28960	0.29080	4.102	
71 Bromobenzene	0.82324	0.77991	0.87505	0.86181	0.84030	0.85523	0.83926	4.067	
72 n-Propylbenzene	0.92806	0.93925	1.14766	1.17490	1.19693	1.20104	1.09797	11.725	
73 2-Chlorotoluene	0.82073	0.79691	0.90272	0.90491	0.88234	0.89313	0.86679	5.333	
74 1,3,5-Trimethylbenzene	3.25141	3.32716	3.99902	4.05735	4.07988	4.15485	3.81161	10.714	
75 4-Chlorotoluene	0.83309	0.83655	0.93377	0.89555	0.88457	0.88477	0.87805	4.334	
76 tert-Butylbenzene	2.54415	2.55145	3.06427	3.19479	3.26277	3.29831	2.98596	11.678	
77 1,2,4-Trimethylbenzene	3.28382	3.36534	3.94677	3.99954	4.03312	4.19021	3.80313	10.001	
78 sec-Butylbenzene	3.99601	3.96195	4.83272	5.08427	5.31653	5.57286	4.79406	14.130	
79 4-Isopropyltoluene	2.74026	2.90119	3.52926	3.67193	3.78698	3.95461	3.43070	14.436	
80 1,3-Dichlorobenzene	1.74497	1.53572	1.73101	1.71450	1.72255	1.76000	1.70146	4.866	
81 1,4-Dichlorobenzene	1.78815	1.59263	1.72925	1.71650	1.69669	1.76075	1.71400	3.953	
82 n-Butylbenzene	2.76379	2.81103	3.51541	3.79462	4.05530	4.37375	3.55232	18.499	
83 1,2-Dichlorobenzene	1.60044	1.46778	1.63385	1.60337	1.56749	1.59748	1.57840	3.684	
84 1,2-Dibromo-3-chloropropane	0.08941	0.09282	0.10201	0.12504	0.13358	0.14256	0.11424	19.643	
85 1,2,4-Trichlorobenzene	0.76006	0.74132	0.94174	0.94821	0.98848	1.06403	0.90731	14.221	
86 Hexachlorobutadiene	0.61452	0.56307	0.66052	0.62123	0.64301	0.66568	0.62800	6.020	
87 Naphthalene	1.65812	1.80818	2.31411	2.43077	2.42082	2.27610	2.15135	15.470	
88 1,2,3-Trichlorobenzene	0.84599	0.83736	0.98020	0.97026	0.95793	0.97026	0.92700	7.176	
89 Ethyl Ether	0.21893	0.22283	0.21143	0.21832	0.23465	0.23154	0.22295	3.914	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	0.15208	0.14857	0.14484	0.15040	0.16392	0.16512	0.15415	5.444	
92 Isopropyl Ether	0.25884	0.25531	0.24673	0.24550	0.25783	0.24134	0.25092	2.920	
93 2-Chloro-1,3-butadiene	0.53263	0.53357	0.50716	0.52085	0.54928	0.52727	0.52846	2.663	
94 Propionitrile	0.03391	0.03344	0.03185	0.03386	0.03447	0.03215	0.03328	3.151	
95 Ethyl Acetate	0.23645	0.24719	0.22580	0.23243	0.24443	0.22590	0.23537	3.861	
96 Methacrylonitrile	0.13360	0.14105	0.13000	0.14182	0.15316	0.14628	0.14098	5.953	
97 Isobutanol	0.01152	0.01299	0.01256	0.01371	0.01398	0.01316	0.01299	6.793	
98 Cyclohexane	0.57599	0.56213	0.64386	0.66917	0.67271	0.69429	0.63636	8.597	

Report Date : 02-Jun-2004 12:26

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks
Curve Type : Average

	Compound	25.000 Level 1	50.000 Level 2	100.000 Level 3	250.000 Level 4	500.000 Level 5	1000.000 Level 6	RRF	% RSD	
	99 n-Butanol	0.00794	0.00902	0.00907	0.01073	0.01178	0.01088	0.00990	14.619	<-
	100 Methyl Methacrylate	0.16124	0.18331	0.18605	0.21228	0.22954	0.22449	0.19948	13.445	
	101 2-Nitropropane	0.04789	0.05390	0.05058	0.05815	0.06296	0.06412	0.05627	11.736	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Cyclohexanone	0.04354	0.05273	0.04588	0.04034	0.03632	0.02508	0.04065	23.150	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	141 1,3,5-Trichlorobenzene	1.02051	0.97848	1.12120	1.11773	1.15626	1.23420	1.10473	8.384	
	143 Methyl Acetate	0.19435	0.18252	0.17971	0.18778	0.18210	0.17973	0.18436	3.097	
	144 Methylcyclohexane	0.52315	0.51898	0.61128	0.62997	0.63712	0.65677	0.59621	10.066	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	146 2-Methylnaphthalene	0.60665	0.96755	1.23227	1.42840	1.54832	1.21470	1.16632	29.052	
	147 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	148 n-Butyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	149 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	150 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	151 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	152 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	4 Dibromofluoromethane	0.19252	0.21732	0.20972	0.22641	0.21544	0.22118	0.21376	5.528	
$	5 1,2-Dichloroethane-d4	0.30363	0.33827	0.32331	0.35466	0.33065	0.33817	0.33145	5.175	
$	6 Toluene-d8	1.48442	1.68314	1.70058	1.87625	1.77389	1.79356	1.71864	7.804	
$	7 Bromofluorobenzene	0.53685	0.59514	0.61952	0.70233	0.65410	0.68263	0.63176	9.645	

Report Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143542.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143541.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143540.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143539.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
8 Dichlorodifluoromethane	0.32869	0.34924	0.34688	0.35343	0.35168	0.35208	AVRG		0.34700		2.67015
9 Chloromethane	0.39152	0.40235	0.41760	0.43277	0.41995	0.39989	AVRG		0.41068		3.73289
10 Vinyl Chloride	0.35957	0.36846	0.38113	0.39777	0.41584	0.41502	AVRG		0.38963		6.09702
11 Bromomethane	0.17455	0.18203	0.17805	0.17150	0.18982	0.18418	AVRG		0.18002		3.71574
12 Chloroethane	0.22337	0.23953	0.24664	0.25886	0.24950	+++++	AVRG		0.24358		5.44136
13 Trichlorofluoromethane	0.40851	0.41813	0.42475	0.44491	0.42937	0.44589	AVRG		0.42859		3.45046
14 Dichlorofluoromethane	0.60175	0.58373	0.54012	0.56325	0.59616	0.60241	AVRG		0.58124		4.29222
15 Acrolein	0.03868	0.03574	0.04090	0.04390	0.04344	0.04484	AVRG		0.04125		8.51768
16 Acetone	0.18009	0.15578	0.13814	0.15045	0.14191	0.13288	AVRG		0.14987		11.31583

Report Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
	17 1,1-Dichloroethene	0.22698	0.21086	0.22864	0.22925	0.22921	0.23661	AVRG		0.22692		3.76817
	18 Freon-113	0.14488	0.12354	0.13850	0.13491	0.13495	0.13824	AVRG		0.13584		5.18044
	19 Iodomethane	6104	16201	44904	141389	307392	635605	QUAD	0.08084	5.59378	-0.65279	0.99991
	20 Carbon Disulfide	0.84758	0.79998	0.90193	0.91493	0.92985	0.97578	AVRG		0.89501		6.97108
	21 Methylene Chloride	0.37697	0.30789	0.29983	0.27888	0.26990	0.27779	AVRG		0.30188		13.09342
	22 Acetonitrile	0.03260	0.03166	0.03037	0.03075	0.02968	0.03048	AVRG		0.03093		3.37322
	23 Acrylonitrile	0.09509	0.09247	0.08937	0.09575	0.09285	0.09457	AVRG		0.09335		2.49497
	24 Methyl tert-butyl ether	0.88209	0.84227	0.95648	0.97405	0.95331	1.00314	AVRG		0.93522		6.47970
	25 trans-1,2-Dichloroethene	0.26726	0.23744	0.26553	0.26081	0.25923	0.26716	AVRG		0.25957		4.37057
	26 Hexane	0.07263	0.08461	0.08055	0.08357	0.08941	0.08601	AVRG		0.08280		6.97015
	27 Vinyl acetate	0.50941	0.52242	0.56418	0.61041	0.60961	0.64728	AVRG		0.57722		9.43520
	28 1,1-Dichloroethane	0.60812	0.55468	0.61580	0.60902	0.60170	0.63049	AVRG		0.60330		4.26958
	29 tert-Butyl Alcohol	0.02599	0.02277	0.02663	0.02719	0.02557	0.02944	AVRG		0.02626		8.31338
	30 2-Butanone	0.18844	0.18055	0.17913	0.19450	0.18545	0.17272	AVRG		0.18347		4.17409
M	31 1,2-Dichloroethene (total)	0.27742	0.25369	0.28074	0.27898	0.27532	0.28355	AVRG		0.27495		3.92486
	32 cis-1,2-dichloroethene	0.28758	0.26993	0.29595	0.29716	0.29140	0.29995	AVRG		0.29033		3.75934
	33 2,2-Dichloropropane	0.45535	0.42824	0.48047	0.48707	0.48773	0.50546	AVRG		0.47405		5.84013

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STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
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Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
34 Bromochloromethane	0.09785	0.08972	0.09872	0.09980	0.09685	0.09913	AVRG		0.09701		3.83036	
35 Chloroform	0.53367	0.48974	0.53274	0.53206	0.52415	0.54983	AVRG		0.52703		3.81438	
36 Tetrahydrofuran	0.06745	0.06486	0.07265	0.08152	0.08036	0.08226	AVRG		0.07485		10.16395	
37 1,1,1-Trichloroethane	0.47061	0.43159	0.48393	0.47850	0.48129	0.49932	AVRG		0.47421		4.82981	
38 1,1-Dichloropropene	0.43914	0.41491	0.47748	0.46221	0.46330	0.47949	AVRG		0.45609		5.43977	
39 Carbon Tetrachloride	0.35916	0.32458	0.35981	0.36170	0.35677	0.36138	AVRG		0.35390		4.08899	
40 1,2-Dichloroethane	0.45324	0.40722	0.43531	0.43431	0.41845	0.43151	AVRG		0.43001		3.66418	
41 Benzene	1.28553	1.16558	1.29315	1.27244	1.26755	1.31428	AVRG		1.26642		4.11454	
42 Trichloroethene	0.22989	0.20722	0.23250	0.23117	0.23416	0.24037	AVRG		0.22922		4.96557	
43 1,2-Dichloropropane	0.32353	0.30335	0.32872	0.33313	0.32301	0.33995	AVRG		0.32528		3.83469	
44 1,4-Dioxane	0.00250	0.00247	0.00267	0.00241	0.00231	0.00229	AVRG		0.00244		5.76554	<-
45 Dibromomethane	0.13473	0.12812	0.14247	0.14303	0.13933	0.14431	AVRG		0.13867		4.47531	
46 Bromodichloromethane	0.34426	0.32938	0.36917	0.38839	0.38476	0.41289	AVRG		0.37148		8.24990	
47 2-Chloroethyl vinyl ether	3881	9849	21153	77564	193649	461932	QUAD	0.21217	19.18951	-9.44082	0.99907	
48 cis-1,3-Dichloropropene	0.38663	0.39013	0.47245	0.50246	0.51057	0.54593	AVRG		0.46803		14.10079	
49 4-Methyl-2-pentanone	0.25541	0.26971	0.28737	0.30860	0.29883	0.28176	AVRG		0.28361		6.80503	
50 Toluene	2.21739	2.05511	2.29566	2.28621	2.24567	2.35479	AVRG		2.24247		4.59564	

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STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
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Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	51 trans-1,3-Dichloropropene	0.60578	0.58110	0.69799	0.75936	0.76906	0.81881	AVRG		0.70535		13.48814
	52 Ethyl Methacrylate	20998	44682	115095	324354	646520	1245162	QUAD	0.04169	1.47425	0.02716	0.99990
	53 1,1,2-Trichloroethane	0.37448	0.34604	0.36897	0.37527	0.36496	0.37683	AVRG		0.36776		3.13537
	54 1,3-Dichloropropane	0.74996	0.68403	0.76393	0.77806	0.75140	0.77148	AVRG		0.74981		4.54091
	55 Tetrachloroethene	0.31769	0.30564	0.33319	0.32178	0.31996	0.32428	AVRG		0.32042		2.81212
	56 2-Hexanone	0.49008	0.50169	0.49517	0.48989	0.43746	0.35814	AVRG		0.46207		12.10071
	57 Dibromochloromethane	0.26287	0.26616	0.30990	0.33307	0.32907	0.35563	AVRG		0.30945		12.19371
	58 1,2-Dibromoethane	0.31545	0.28397	0.33030	0.33794	0.32816	0.34630	AVRG		0.32369		6.80167
	59 Chlorobenzene	1.26908	1.12509	1.24534	1.21498	1.19359	1.24394	AVRG		1.21534		4.23136
	60 1,1,1,2-Tetrachloroethane	0.33902	0.31059	0.35879	0.36343	0.35556	0.36812	AVRG		0.34925		6.12424
	61 Ethylbenzene	0.63559	0.62240	0.72352	0.72630	0.72378	0.75026	AVRG		0.69698		7.71345
	62 m + p-Xylene	0.80132	0.78047	0.90834	0.89684	0.87800	0.90485	AVRG		0.86164		6.52020
M	63 Xylenes (total)	0.76212	0.75278	0.88460	0.87965	0.86297	0.89228	AVRG		0.83907		7.62906
	64 Xylene-o	0.68372	0.69740	0.83710	0.84527	0.83291	0.86715	AVRG		0.79393		10.20820
	65 Styrene	1.04039	1.06475	1.35150	1.40321	1.40865	1.48744	AVRG		1.29266		14.78592
	66 Bromoform	6611	12932	32674	94979	198843	420000	QUAD	0.03950	5.22247	-0.74439	0.99992
	67 Isopropylbenzene	74471	151457	403307	1071465	2232540	4554746	QUAD	0.03152	0.45719	-0.00364	0.99995

Report Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
68 1,1,2,2-Tetrachloroethane	0.98351	0.94860	0.99486	1.05364	1.03127	1.03836	AVRG		1.00837		3.92851
69 1,4-Dichloro-2-butene	5377	10661	28765	81261	171530	352777	QUAD	0.04788	2.69509	-0.03979	0.99995
70 1,2,3-Trichloropropane	0.28963	0.26875	0.29939	0.30212	0.29533	0.28960	AVRG		0.29080		4.10161
71 Bromobenzene	0.82324	0.77991	0.87505	0.86181	0.84030	0.85523	AVRG		0.83926		4.06691
72 n-Propylbenzene	0.92806	0.93925	1.14766	1.17490	1.19693	1.20104	AVRG		1.09797		11.72486
73 2-Chlorotoluene	0.82073	0.79691	0.90272	0.90491	0.88234	0.89313	AVRG		0.86679		5.33302
74 1,3,5-Trimethylbenzene	3.25141	3.32716	3.99902	4.05735	4.07988	4.15485	AVRG		3.81161		10.71371
75 4-Chlorotoluene	0.83309	0.83655	0.93377	0.89555	0.88457	0.88477	AVRG		0.87805		4.33417
76 tert-Butylbenzene	2.54415	2.55145	3.06427	3.19479	3.26277	3.29831	AVRG		2.98596		11.67772
77 1,2,4-Trimethylbenzene	3.28382	3.36534	3.94677	3.99954	4.03312	4.19021	AVRG		3.80313		10.00062
78 sec-Butylbenzene	3.99601	3.96195	4.83272	5.08427	5.31653	5.57286	AVRG		4.79406		14.13047
79 4-Isopropyltoluene	2.74026	2.90119	3.52926	3.67193	3.78698	3.95461	AVRG		3.43070		14.43608
80 1,3-Dichlorobenzene	1.74497	1.53572	1.73101	1.71450	1.72255	1.76000	AVRG		1.70146		4.86634
81 1,4-Dichlorobenzene	1.78815	1.59263	1.72925	1.71650	1.69669	1.76075	AVRG		1.71400		3.95300
82 n-Butylbenzene	57217	115233	314192	872303	1894654	4116676	QUAD	0.04459	0.25569	-0.00170	0.99995
83 1,2-Dichlorobenzene	1.60044	1.46778	1.63385	1.60337	1.56749	1.59748	AVRG		1.57840		3.68375
84 1,2-Dibromo-3-chloropropane	1851	3805	9117	28745	62407	134184	QUAD	0.05896	7.65015	-1.30158	0.99984

eport Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

tart Cal Date : 28-MAY-2004 15:23
nd Cal Date : 02-JUN-2004 12:41
uant Method : ISTD
arget Version : 4.04
ntegrator : HP RTE
ethod file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
al Date : 02-Jun-2004 12:25 macenczaks

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
85 1,2,4-Trichlorobenzene	0.76006	0.74132	0.94174	0.94821	0.98848	1.06403	AVRG		0.90731		14.22141	
86 Hexachlorobutadiene	0.61452	0.56307	0.66052	0.62123	0.64301	0.66568	AVRG		0.62800		6.01982	
87 Naphthalene	34327	74123	206825	558783	1131018	2142319	QUAD	0.05269	0.36961	0.00701	0.99996	
88 1,2,3-Trichlorobenzene	0.84599	0.83736	0.98020	0.97026	0.95793	0.97026	AVRG		0.92700		7.17648	
89 Ethyl Ether	0.21893	0.22283	0.21143	0.21832	0.23465	0.23154	AVRG		0.22295		3.91412	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.15208	0.14857	0.14484	0.15040	0.16392	0.16512	AVRG		0.15415		5.44361	
92 Isopropyl Ether	0.25884	0.25531	0.24673	0.24550	0.25783	0.24134	AVRG		0.25092		2.92030	
93 2-Chloro-1,3-butadiene	0.53263	0.53357	0.50716	0.52085	0.54928	0.52727	AVRG		0.52846		2.66320	
94 Propionitrile	0.03391	0.03344	0.03185	0.03386	0.03447	0.03215	AVRG		0.03328		3.15072	
95 Ethyl Acetate	0.23645	0.24719	0.22580	0.23243	0.24443	0.22590	AVRG		0.23537		3.86129	
96 Methacrylonitrile	0.13360	0.14105	0.13000	0.14182	0.15316	0.14628	AVRG		0.14098		5.95305	
97 Isobutanol	0.01152	0.01299	0.01256	0.01371	0.01398	0.01316	AVRG		0.01299		6.79297	
98 Cyclohexane	0.57599	0.56213	0.64386	0.66917	0.67271	0.69429	AVRG		0.63636		8.59651	
99 n-Butanol	0.00794	0.00902	0.00907	0.01073	0.01178	0.01088	AVRG		0.00990		14.61944	<-
100 Methyl Methacrylate	0.16124	0.18331	0.18605	0.21228	0.22954	0.22449	AVRG		0.19948		13.44465	
101 2-Nitropropane	0.04789	0.05390	0.05058	0.05815	0.06296	0.06412	AVRG		0.05627		11.73562	

eport Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

tart Cal Date : 28-MAY-2004 15:23
nd Cal Date : 02-JUN-2004 12:41
uant Method : ISTD
arget Version : 4.04
ntegrator : HP RTE
ethod file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
al Date : 02-Jun-2004 12:25 macenczaks

	Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
	102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	103 Cyclohexanone	8166	19691	37549	84396	149918	210468	QUAD	1.45513	3.98632	33.51163	0.99294	
	104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	141 1,3,5-Trichlorobenzene	1.02051	0.97848	1.12120	1.11773	1.15626	1.23420	AVRG		1.10473		8.38373	
	143 Methyl Acetate	0.19435	0.18252	0.17971	0.18778	0.18210	0.17973	AVRG		0.18436		3.09677	
	144 Methylcyclohexane	0.52315	0.51898	0.61128	0.62997	0.63712	0.65677	AVRG		0.59621		10.06631	
	145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
	146 2-Methylnaphthalene	22758	72259	201722	597629	1278146	2038407	QUAD	0.28673	0.38963	0.04071	0.99614	
	147 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

Report Date : 02-Jun-2004 12:31

STL North Canton

INITIAL CALIBRATION DATA

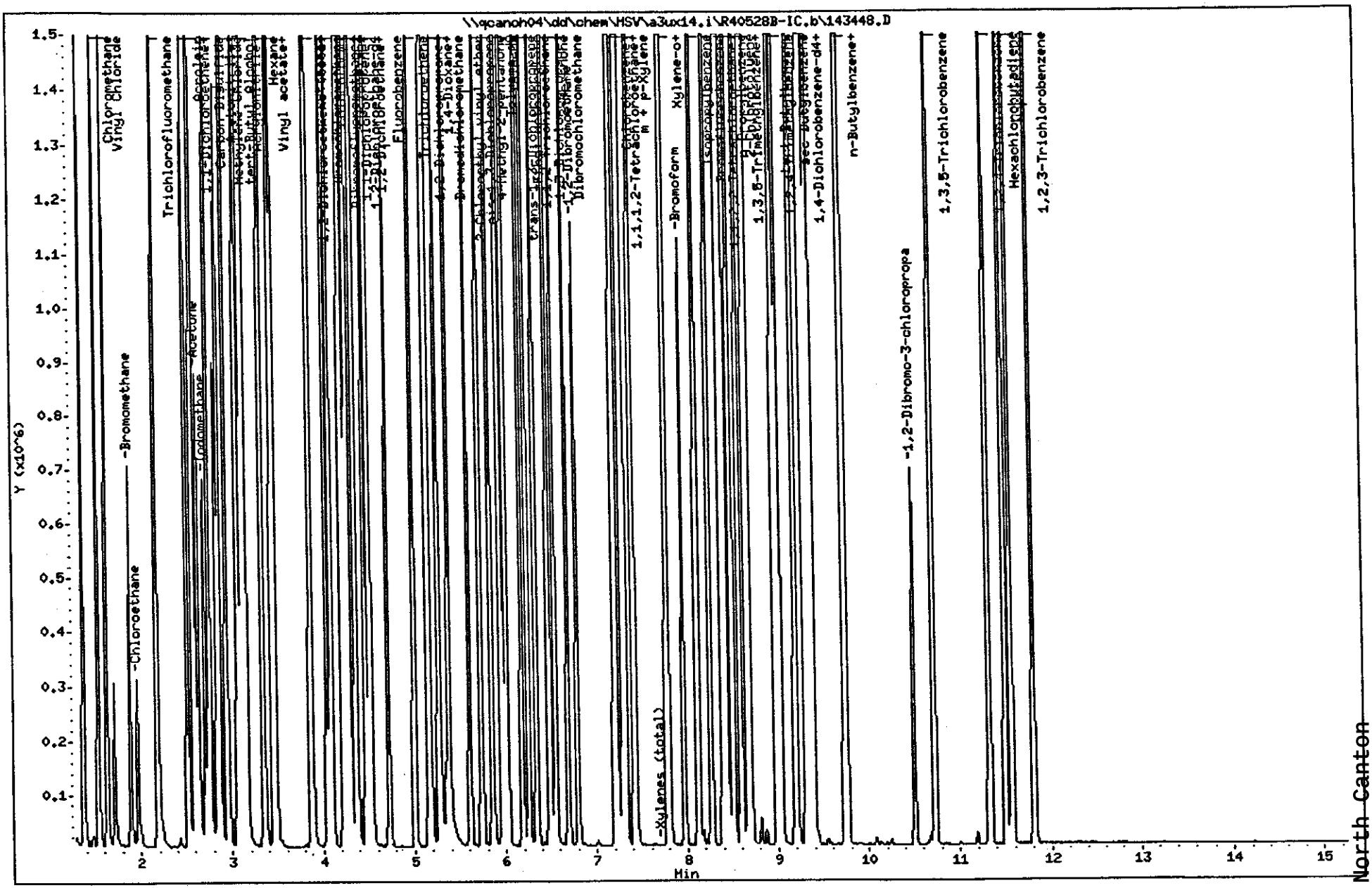
Start Cal Date : 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Cal Date : 02-Jun-2004 12:25 macenczaks

Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
148 n-Butyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+000			0.000e+000	<-
149 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+000			0.000e+000	<-
150 Bromoacetone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+000			0.000e+000	<-
151 Allyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+000			0.000e+000	<-
152 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG	0.000e+000			0.000e+000	<-
$ 4 Dibromofluoromethane	0.19252	0.21732	0.20972	0.22641	0.21544	0.22118	AVRG		0.21376		5.52777	
$ 5 1,2-Dichloroethane-d4	0.30363	0.33827	0.32331	0.35466	0.33065	0.33817	AVRG		0.33145		5.17522	
$ 6 Toluene-d8	1.48442	1.68314	1.70058	1.87625	1.77389	1.79356	AVRG		1.71864		7.80438	
$ 7 Bromofluorobenzene	0.53685	0.59514	0.61952	0.70233	0.65410	0.68263	AVRG		0.63176		9.64505	

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143448.D
Date : 28-MAY-2004 15:23
Client ID:
Sample Info: 1000NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143448.D
Report Date: 30-May-2004 07:45

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143448.D
Lab Smp Id: 1000NG-IC
Inj Date : 28-MAY-2004 15:23
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 1000NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:45 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 15:23 Cal File: 143448.D
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	826003	250.000		
*	2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	485393	250.000		(H)
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	235306	250.000		
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	730770	1000.00	1000.0	
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	1117315	1000.00	1000.0	
$	6 Toluene-d8	98	5.963	5.963	(0.817)	3482332	1000.00	1000.0	
$	7 Bromofluorobenzene	95	8.269	8.269	(1.133)	1325370	1000.00	1000.0	
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	1163291	1000.00	1000.0	
	9 Chloromethane	50	1.528	1.528	(0.324)	1321227	1000.00	1000.0	
	10 Vinyl Chloride	62	1.625	1.625	(0.344)	1371222	1000.00	1000.0	
	12 Chloroethane	64	1.966	1.966	(0.416)	220461	1000.00		
	13 Trichlorofluoromethane	101	2.179	2.179	(0.462)	1473230	1000.00	1000.0	
	15 Acrolein	56	2.520	2.520	(0.534)	1481393	10000.0	10000	
	16 Acetone	43	2.635	2.635	(0.558)	878051	2000.00	2000.0	
	17 1,1-Dichloroethene	96	2.587	2.587	(0.548)	781764	1000.00	1000.0	(A)
	18 Freon-113	151	2.593	2.593	(0.549)	456755	1000.00	1000.0	(A)
	19 Iodomethane	142	2.708	2.708	(0.574)	635605	1000.00	1000.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143448.D
Report Date: 30-May-2004 07:45

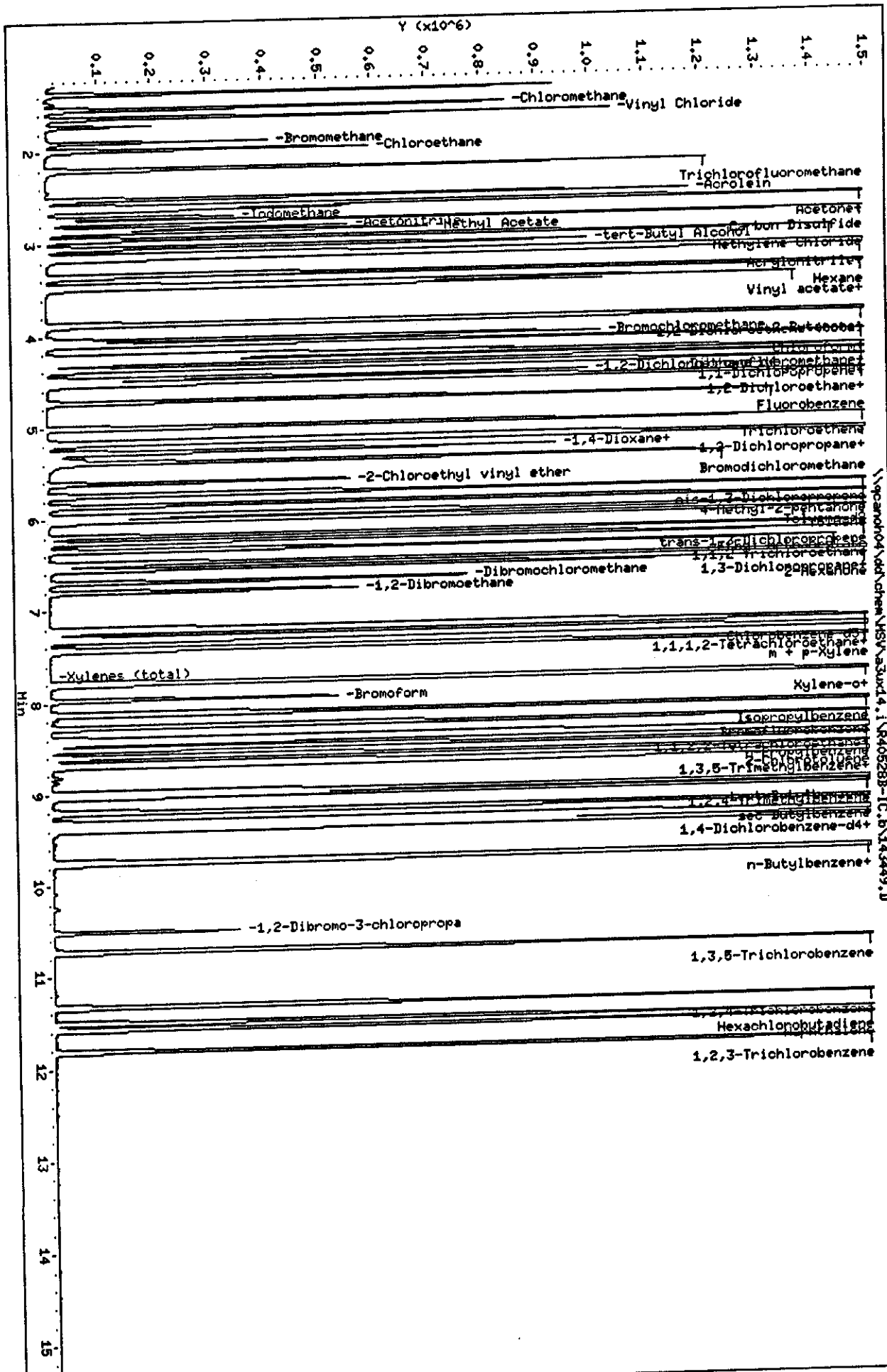
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.757	2.757	(0.584)	3223994	1000.00	1000.0
	21 Methylene Chloride	84	2.952	2.952	(0.625)	917835	1000.00	1000.0
	22 Acetonitrile	41	2.836	2.836	(0.601)	1007096	10000.0	10000
	23 Acrylonitrile	53	3.128	3.128	(0.662)	3124753	10000.0	10000
	24 Methyl tert-butyl ether	73	3.158	3.158	(0.669)	3314383	1000.00	1000.0
	25 trans-1,2-Dichloroethene	96	3.146	3.146	(0.666)	882712	1000.00	1000.0
	26 Hexane	86	3.347	3.347	(0.709)	284191	1000.00	1000.0
	27 Vinyl acetate	43	3.481	3.481	(0.737)	2138626	1000.00	1000.0
	28 1,1-Dichloroethane	63	3.450	3.450	(0.731)	2083136	1000.00	1000.0
	29 tert-Butyl Alcohol	59	3.079	3.079	(0.652)	1945139	20000.0	20000
	30 2-Butanone	43	3.882	3.882	(0.822)	1141313	2000.00	2000.0
M	31 1,2-Dichloroethene (total)	96				1873734	2000.00	2000.0
	32 cis-1,2-dichloroethene	96	3.870	3.870	(0.820)	991022	1000.00	1000.0
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	1670044	1000.00	1000.0
	34 Bromochloromethane	128	4.047	4.047	(0.857)	327529	1000.00	1000.0
	35 Chloroform	83	4.101	4.101	(0.869)	1816638	1000.00	1000.0
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	271791	1000.00	1000.0
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	1649753	1000.00	1000.0
	38 1,1-Dichloropropene	75	4.363	4.363	(0.924)	1584242	1000.00	1000.0
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	1194004	1000.00	1000.0
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	1425707	1000.00	1000.0
	41 Benzene	78	4.521	4.521	(0.957)	4342400	1000.00	1000.0
	42 Trichloroethene	130	5.002	5.002	(1.059)	794186	1000.00	1000.0(A)
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	1123201	1000.00	1000.0
	44 1,4-Dioxane	88	5.288	5.288	(1.120)	377818	50000.0	50000(A)
	45 Dibromomethane	93	5.269	5.269	(1.116)	476802	1000.00	1000.0
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	1364210	1000.00	1000.0
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	461932	2000.00	2000.0
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	1803762	1000.00	1000.0
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	1861856	2000.00	2000.0(A)
	50 Toluene	91	6.018	6.018	(0.825)	4571994	1000.00	1000.0
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.848)	1589778	1000.00	1000.0
	52 Ethyl Methacrylate	69	6.255	6.255	(0.857)	1245162	1000.00	1000.0
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.870)	731641	1000.00	1000.0
	54 1,3-Dichloropropane	76	6.492	6.492	(0.890)	1497881	1000.00	1000.0(A)
	55 Tetrachloroethene	164	6.486	6.486	(0.889)	629612	1000.00	1000.0
	56 2-Hexanone	43	6.553	6.553	(0.898)	1390699	2000.00	2000.0
	57 Dibromochloromethane	129	6.693	6.693	(0.917)	690482	1000.00	1000.0
	58 1,2-Dibromoethane	107	6.796	6.796	(0.932)	672368	1000.00	1000.0
	59 Chlorobenzene	112	7.228	7.228	(0.991)	2415200	1000.00	1000.0
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.000)	714731	1000.00	1000.0
	61 Ethylbenzene	106	7.320	7.320	(1.003)	1456680	1000.00	1000.0
	62 m + p-Xylene	106	7.423	7.423	(1.018)	3513647	2000.00	2000.0
M	63 Xylenes (total)	106				5197274	3000.00	3000.0
	64 Xylene-o	106	7.788	7.788	(1.068)	1683627	1000.00	1000.0
	65 Styrene	104	7.794	7.794	(1.068)	2887969	1000.00	1000.0(A)
	66 Bromoform	173	7.970	7.970	(1.093)	420000	1000.00	1000.0(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143448.D
Report Date: 30-May-2004 07:45

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.113)	4554746	1000.00	1000.0(A)
68 1,1,2,2-Tetrachloroethane	83	8.396	8.396	(0.896)	977327	1000.00	1000.0
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	352777	1000.00	1000.0
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	272574	1000.00	1000.0
71 Bromobenzene	156	8.415	8.415	(0.898)	804966	1000.00	1000.0(A)
72 n-Propylbenzene	120	8.512	8.512	(0.908)	1130445	1000.00	1000.0
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	840634	1000.00	1000.0
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	3910648	1000.00	1000.0
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	832771	1000.00	1000.0
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	3104453	1000.00	1000.0
77 1,2,4-Trimethylbenzene	105	9.035	9.035	(0.964)	3943929	1000.00	1000.0
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	5245307	1000.00	1000.0
79 4-Isopropyltoluene	119	9.339	9.339	(0.997)	3722175	1000.00	1000.0
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	1656556	1000.00	1000.0
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	1657262	1000.00	1000.0
82 n-Butylbenzene	91	9.735	9.735	(1.039)	4116676	1000.00	1000.0
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	1503588	1000.00	1000.0
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	134184	1000.00	1000.0
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	1001493	1000.00	1000.0
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	626553	1000.00	1000.0
87 Naphthalene	128	11.572	11.572	(1.235)	2142319	1000.00	1000.0
88 1,2,3-Trichlorobenzene	180	11.815	11.815	(1.261)	913235	1000.00	1000.0
98 Cyclohexane	56	4.296	4.296	(0.910)	2293931	1000.00	1000.0
143 Methyl Acetate	43	2.872	2.872	(0.608)	1187643	2000.00	2000.0
144 Methylcyclohexane	83	5.160	5.160	(1.093)	2169981	1000.00	1000.0
141 1,3,5-Trichlorobenzene	180	10.726	10.726	(1.145)	1161658	1000.00	1000.0

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.


Data File: \\qcanon04\dd\chem\HSV\a3ux14.i\R405288-IC.b\143449.D
Date : 28-MAY-2004 15:47
Client ID:
Sample Info: 500NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
Trichlorofluoromethane
-Acrolein
Acetone+
-Iodomethane
-Acetonitrile
Methyl Acetate
Carbon Disulfide
-tert-Butyl Alcohol
Methylene Chloride
Acrylonitrile+
Hexane
Vinyl acetate+
-Bromochloromethane
Chloroform
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene
Trichloroethene
-1,4-Dioxane+
1,2-Dichloropropane+
Bromodichloromethane
-2-Chloroethyl vinyl ether
4-Methyl-2-pentanone
Toluene-d8
1,1,2-Trichloroethane
1,3-Dichloropropane+
2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Xylenes (total)
Xylene-o+
-Bromoform
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane
n-Propylbenzene+
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
\\qcanon04\dd\chem\HSV\a3ux14.i\R405288-IC.b\143449.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143449.D
Report Date: 30-May-2004 07:46

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143449.D
Lab Smp Id: 500NG-IC
Inj Date : 28-MAY-2004 15:47
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 500NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:45 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 15:47 Cal File: 143449.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

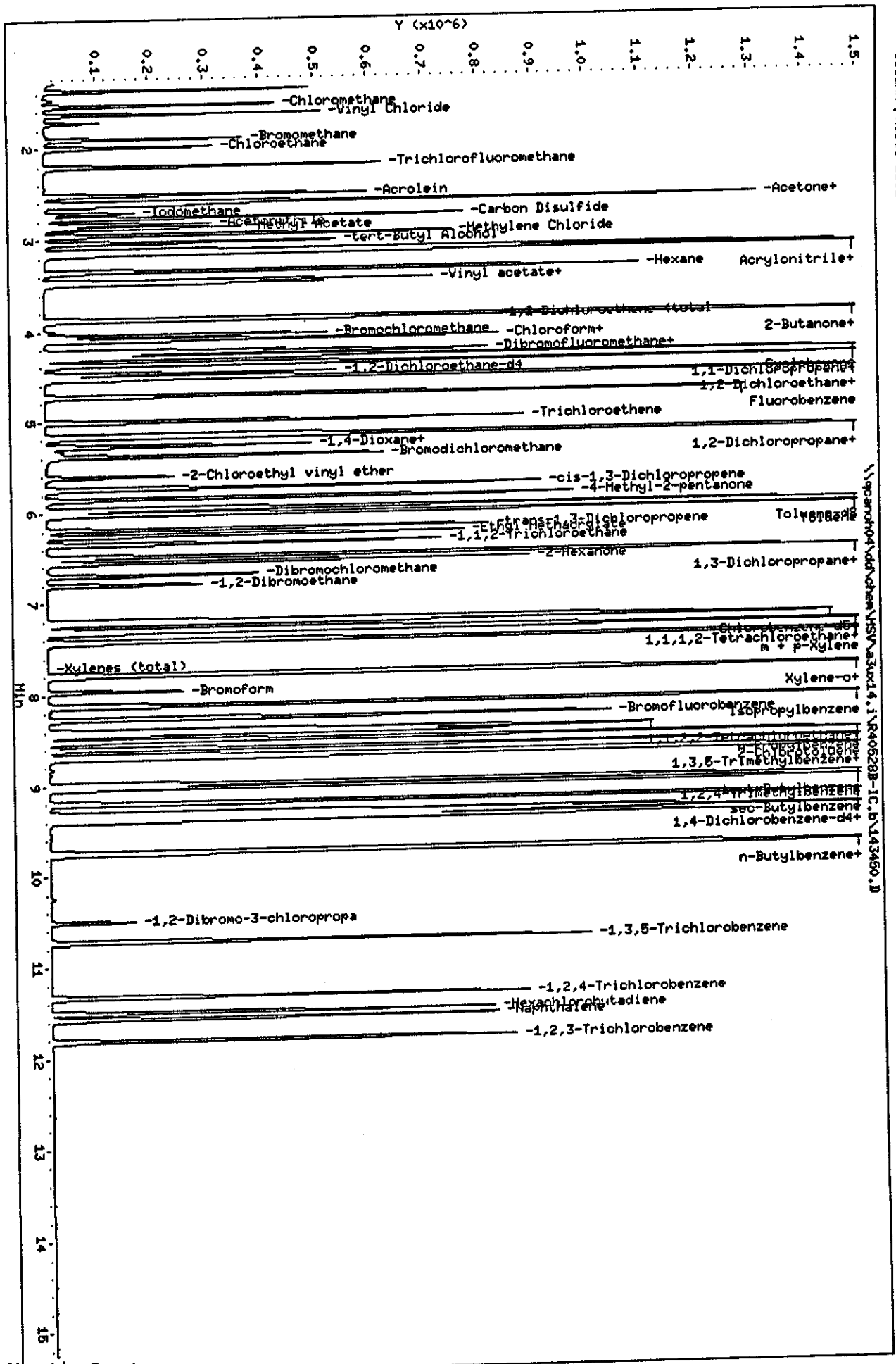
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	855161	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	502095	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	233602	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	368479	500.000	493.44
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	565513	500.000	494.38
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	1781321	500.000	497.24
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.148)	656837	500.000	489.33
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	601488	500.000	499.71
9 Chloromethane	50	1.528	1.528	(0.324)	718257	500.000	512.24
10 Vinyl Chloride	62	1.625	1.625	(0.344)	711218	500.000	500.49
12 Chloroethane	64	1.978	1.978	(0.419)	426730	500.000	500.00
13 Trichlorofluoromethane	101	2.191	2.191	(0.464)	734360	500.000	490.56
15 Acrolein	56	2.514	2.514	(0.532)	742902	5000.00	4920.7
16 Acetone	43	2.629	2.629	(0.557)	485414	1000.00	1032.9
17 1,1-Dichloroethene	96	2.593	2.593	(0.549)	392024	500.000	492.06
18 Freon-113	151	2.599	2.599	(0.550)	230812	500.000	493.98
19 Iodomethane	142	2.708	2.708	(0.574)	307392	500.000	483.01

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143449.D
Report Date: 30-May-2004 07:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	1590350	500.000	487.95
	21 Methylene Chloride	84	2.952	2.952	(0.625)	461609	500.000	492.79
	22 Acetonitrile	41	2.836	2.836	(0.601)	507657	5000.00	4933.6
	23 Acrylonitrile	53	3.122	3.122	(0.661)	1588033	5000.00	4954.0
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	1630465	500.000	487.26
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	443373	500.000	492.47
	26 Hexane	86	3.347	3.347	(0.709)	152928	500.000	509.69
	27 Vinyl acetate	43	3.481	3.481	(0.737)	1042633	500.000	485.01
	28 1,1-Dichloroethane	63	3.457	3.457	(0.732)	1029105	500.000	488.32
	29 tert-Butyl Alcohol	59	3.043	3.043	(0.644)	874673	10000.0	9297.2
	30 2-Butanone	43	3.876	3.876	(0.821)	634353	1000.00	1035.5
M	31 1,2-Dichloroethene (total)	96				941762	1000.00	985.24
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	498389	500.000	492.78
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	834170	500.000	491.07
	34 Bromochloromethane	128	4.047	4.047	(0.857)	165641	500.000	494.18
	35 Chloroform	83	4.101	4.101	(0.869)	896457	500.000	488.04
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	137449	500.000	494.17
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	823161	500.000	490.81
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	792400	500.000	491.42
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	610192	500.000	496.79
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	715686	500.000	492.32
	41 Benzene	78	4.521	4.521	(0.957)	2167921	500.000	490.95
	42 Trichloroethene	130	5.002	5.002	(1.059)	400490	500.000	493.46
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	552446	500.000	487.22
	44 1,4-Dioxane	88	5.282	5.282	(1.119)	197923	25000.0	25149
	45 Dibromomethane	93	5.269	5.269	(1.116)	238304	500.000	491.23
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	658062	500.000	482.36
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	193649	1000.00	894.93
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	873246	500.000	483.27
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	1022205	1000.00	1029.4
	50 Toluene	91	6.018	6.018	(0.835)	2255081	500.000	488.14
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	772282	500.000	484.33
	52 Ethyl Methacrylate	69	6.255	6.255	(0.868)	646520	500.000	500.97
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	366492	500.000	492.00
	54 1,3-Dichloropropane	76	6.492	6.492	(0.901)	754544	500.000	493.41
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	321303	500.000	496.65
	56 2-Hexanone	43	6.547	6.547	(0.909)	878580	1000.00	1099.7
	57 Dibromochloromethane	129	6.693	6.693	(0.929)	330444	500.000	480.60
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	329540	500.000	486.56
	59 Chlorobenzene	112	7.228	7.228	(1.003)	1198594	500.000	489.67
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.013)	357050	500.000	491.32
	61 Ethylbenzene	106	7.320	7.320	(1.016)	726812	500.000	491.02
	62 m + p-Xylene	106	7.423	7.423	(1.030)	1763364	1000.00	984.94
M	63 Xylenes (total)	106				2599760	1500.00	1474.9
	64 Xylene-o	106	7.782	7.782	(1.080)	836396	500.000	489.93
	65 Styrene	104	7.794	7.794	(1.082)	1414557	500.000	486.40
	66 Bromoform	173	7.971	7.971	(1.106)	198843	500.000	477.91

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143449.D
Report Date: 30-May-2004 07:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.127)	2232540	500.000	486.57
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	481814	500.000	498.29
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	171530	500.000	494.83
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	137978	500.000	504.90
71 Bromobenzene	156	8.415	8.415	(0.898)	392590	500.000	495.60
72 n-Propylbenzene	120	8.512	8.512	(0.908)	559209	500.000	499.14
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	412232	500.000	496.96
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	1906137	500.000	495.45
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	413273	500.000	499.94
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	1524378	500.000	497.29
77 1,2,4-Trimethylbenzene	105	9.035	9.035	(0.964)	1884291	500.000	490.45
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	2483902	500.000	488.23
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	1769291	500.000	489.17
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	804780	500.000	494.62
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	792700	500.000	490.74
82 n-Butylbenzene	91	9.735	9.735	(1.039)	1894654	500.000	481.11
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	732337	500.000	495.26
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	62407	500.000	483.72
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	461822	500.000	481.60
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	300417	500.000	491.34
87 Naphthalene	128	11.572	11.572	(1.235)	1131018	500.000	515.41
88 1,2,3-Trichlorobenzene	180	11.815	11.815	(1.261)	447547	500.000	496.80
98 Cyclohexane	56	4.296	4.296	(0.910)	1150544	500.000	492.11
143 Methyl Acetate	43	2.872	2.872	(0.608)	622892	1000.00	1006.6
144 Methylcyclohexane	83	5.160	5.160	(1.093)	1089684	500.000	492.41
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	540209	500.000	483.70


Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R405288-IC.b\143450.D
Date : 28-MAY-2004 16:12
Client ID:
Sample Info: 250NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane
Acrylonitrile+
-Vinyl acetate+
2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-1,1,2-Trichloroethane
-2-Hexanone
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Xylenes (total)
Xylene-o+
-Bromoform
-Bromofluorobenzene
Isopropylbenzene
1,3,5-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143450.D
Report Date: 30-May-2004 07:46

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143450.D
Lab Smp Id: 250NG-IC
Inj Date : 28-MAY-2004 16:12
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:46 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 16:12 Cal File: 143450.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

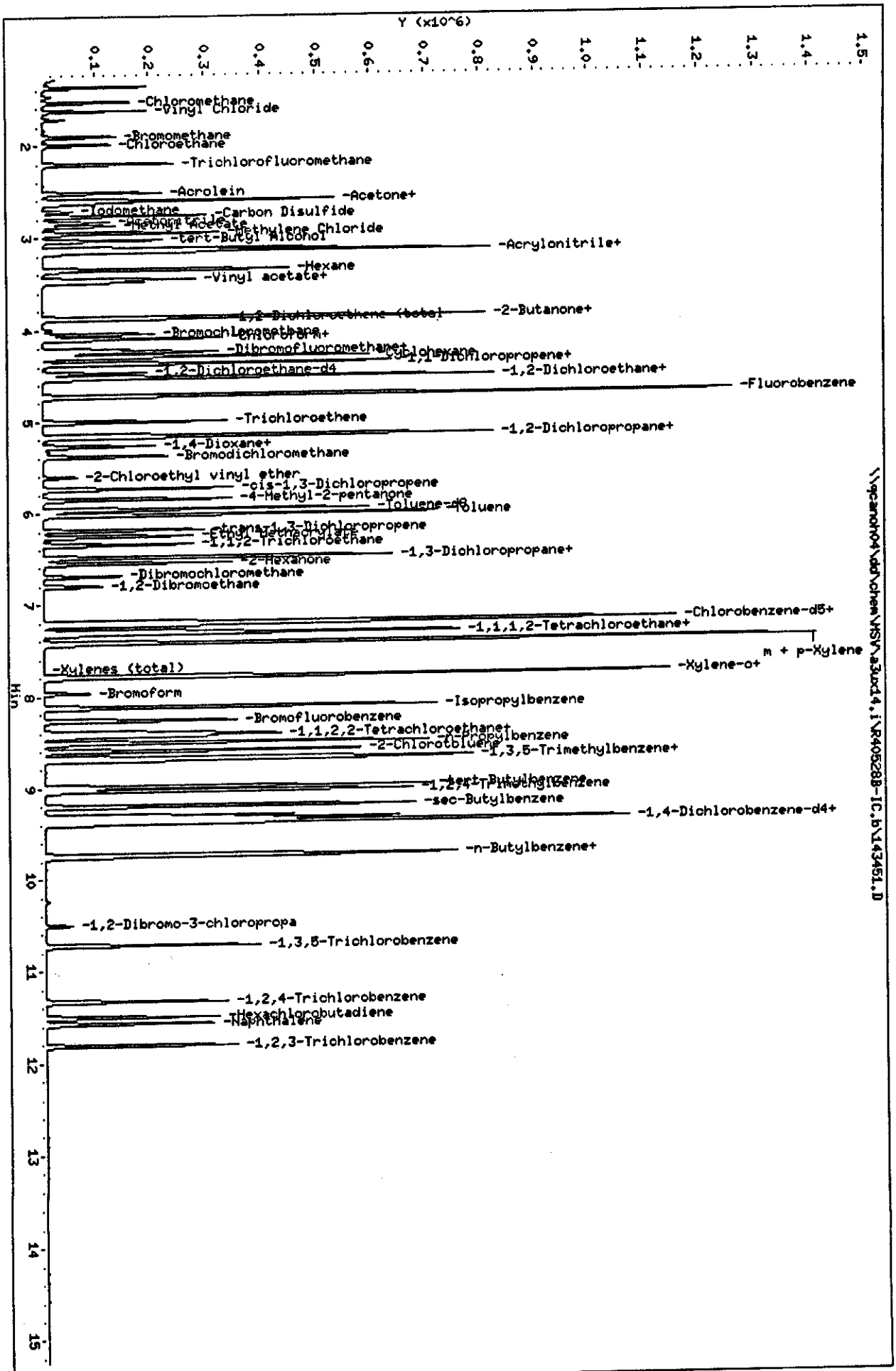
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	846855	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	492851	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	229879	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	191740	250.000	256.11
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	300344	250.000	259.89
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	924712	250.000	258.50
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.149)	346146	250.000	258.33
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	299306	250.000	250.73
9 Chloromethane	50	1.528	1.528	(0.324)	366496	250.000	259.12
10 Vinyl Chloride	62	1.625	1.625	(0.344)	336853	250.000	242.81
12 Chloroethane	64	1.990	1.990	(0.422)	219213	250.000	254.60
13 Trichlorofluoromethane	101	2.197	2.197	(0.465)	376774	250.000	252.76
15 Acrolein	56	2.513	2.513	(0.532)	371755	2500.00	2491.0
16 Acetone	43	2.629	2.629	(0.557)	254816	500.000	530.70
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	194140	250.000	247.36
18 Freon-113	151	2.599	2.599	(0.550)	114245	250.000	247.93
19 Iodomethane	142	2.714	2.714	(0.575)	141389	250.000	232.29

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143450.D
Report Date: 30-May-2004 07:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	774814	250.000	243.28
	21 Methylene Chloride	84	2.951	2.951	(0.625)	236168	250.000	253.04
	22 Acetonitrile	41	2.830	2.830	(0.599)	260376	2500.00	2536.6
	23 Acrylonitrile	53	3.122	3.122	(0.661)	810830	2500.00	2535.9
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	824879	250.000	249.29
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	220868	250.000	248.48
	26 Hexane	86	3.353	3.353	(0.710)	70773	250.000	242.00
	27 Vinyl acetate	43	3.481	3.481	(0.737)	516926	250.000	245.17
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	515754	250.000	248.08
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	460529	5000.00	4962.0
	30 2-Butanone	43	3.876	3.876	(0.821)	329423	500.000	527.89
M	31 1,2-Dichloroethene (total)	96				472516	500.000	499.32
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	251648	250.000	250.83
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	412480	250.000	246.78
	34 Bromochloromethane	128	4.047	4.047	(0.857)	84513	250.000	253.05
	35 Chloroform	83	4.101	4.101	(0.869)	450578	250.000	248.47
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	69039	250.000	250.43
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	405224	250.000	245.96
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	391429	250.000	246.73
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	306309	250.000	251.22
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	367797	250.000	253.63
	41 Benzene	78	4.521	4.521	(0.957)	1077571	250.000	247.60
	42 Trichloroethene	130	5.002	5.002	(1.059)	195765	250.000	245.68
	43 1,2-Dichloropropane	63	5.172	5.172	(1.095)	282113	250.000	250.83
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	101840	12500.0	12872
	45 Dibromomethane	93	5.269	5.269	(1.116)	121127	250.000	251.42
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	328914	250.000	245.60
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	77564	500.000	398.65
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	425507	250.000	241.73
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	522682	500.000	520.59
	50 Toluene	91	6.018	6.018	(0.836)	1126761	250.000	248.98
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	374249	250.000	242.63
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	324354	250.000	254.00
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	184953	250.000	251.96
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	383466	250.000	253.61
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	158589	250.000	249.82
	56 2-Hexanone	43	6.547	6.547	(0.910)	482881	500.000	571.64
	57 Dibromochloromethane	129	6.687	6.687	(0.929)	164152	250.000	245.44
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	166554	250.000	250.35
	59 Chlorobenzene	112	7.228	7.228	(1.004)	598804	250.000	249.48
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	179117	250.000	250.73
	61 Ethylbenzene	106	7.320	7.320	(1.017)	357960	250.000	247.56
	62 m + p-Xylene	106	7.423	7.423	(1.031)	884014	500.000	502.02
M	63 Xylenes (total)	106				1300604	750.000	751.08
	64 Xylene-o	106	7.782	7.782	(1.081)	416590	250.000	249.06
	65 Styrene	104	7.794	7.794	(1.083)	691573	250.000	244.78
	66 Bromoform	173	7.970	7.970	(1.107)	94979	250.000	238.10

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143450.D
Report Date: 30-May-2004 07:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.128)	1071465	250.000	241.80
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	242209	250.000	253.01
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	81261	250.000	242.02
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	69451	250.000	255.44
71 Bromobenzene	156	8.415	8.415	(0.898)	198113	250.000	252.75
72 n-Propylbenzene	120	8.512	8.512	(0.908)	270085	250.000	246.63
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	208020	250.000	253.20
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	932699	250.000	247.56
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	205867	250.000	252.04
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	734416	250.000	245.60
77 1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	919410	250.000	245.41
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	1168768	250.000	238.72
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	844099	250.000	241.29
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	394127	250.000	247.42
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	394587	250.000	248.82
82 n-Butylbenzene	91	9.735	9.735	(1.039)	872303	250.000	232.82
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	368582	250.000	252.19
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	28745	250.000	233.77
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	217974	250.000	237.00
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	142807	250.000	241.42
87 Naphthalene	128	11.572	11.572	(1.235)	558783	250.000	255.77
88 1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	223043	250.000	251.06
98 Cyclohexane	56	4.296	4.296	(0.910)	566689	250.000	246.48
143 Methyl Acetate	43	2.872	2.872	(0.608)	318048	500.000	512.50
144 Methylcyclohexane	83	5.160	5.160	(1.093)	533495	250.000	245.59
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	256942	250.000	238.95


Data File: \\qcanon04\dd\chem\MSV.a3ux14.i\R40528B-IC.b\143451.D
Date : 28-MAY-2004 16:36
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
\\qcanon04\dd\chem\MSV.a3ux14.i\R40528B-IC.b\143451.D
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-1,1-Dichloroethene (total)
-2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Xylenes (total)
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143451.D
Report Date: 30-May-2004 07:47

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143451.D
Lab Smp Id: 100NG-IC
Inj Date : 28-MAY-2004 16:36
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 100NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:47 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 16:36 Cal File: 143451.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	833735	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	481750	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	223439	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	69939	100.000	96.117
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	107821	100.000	96.024
$	6 Toluene-d8	98	5.963	5.963	(0.828)	327701	100.000	95.213
$	7 Bromofluorobenzene	95	8.268	8.268	(1.149)	119382	100.000	93.211
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	115682	100.000	98.820
	9 Chloromethane	50	1.534	1.534	(0.325)	139266	100.000	100.01
	10 Vinyl Chloride	62	1.625	1.625	(0.344)	127104	100.000	94.705
	12 Chloroethane	64	1.996	1.996	(0.423)	82252	100.000	98.002
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	141652	100.000	97.368
	15 Acrolein	56	2.513	2.513	(0.532)	136406	1000.00	945.31
	16 Acetone	43	2.629	2.629	(0.557)	92136	200.000	196.16
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	76250	100.000	99.009
	18 Freon-113	151	2.599	2.599	(0.550)	46188	100.000	101.35
	19 Iodomethane	142	2.714	2.714	(0.575)	44904	100.000	79.944

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143451.D
Report Date: 30-May-2004 07:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	300788	100.000	96.917
	21 Methylene Chloride	84	2.951	2.951	(0.625)	99991	100.000	106.47
	22 Acetonitrile	41	2.830	2.830	(0.599)	101294	1000.00	1001.7
	23 Acrylonitrile	53	3.122	3.122	(0.661)	298051	1000.00	959.59
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	318980	100.000	98.429
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	88553	100.000	100.89
	26 Hexane	86	3.353	3.353	(0.710)	26862	100.000	94.888
	27 Vinyl acetate	43	3.481	3.481	(0.737)	188152	100.000	92.813
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	205367	100.000	100.25
	29 tert-Butyl Alcohol	59	3.030	3.030	(0.642)	177633	2000.00	1957.7
	30 2-Butanone	43	3.876	3.876	(0.821)	119479	200.000	195.83
M	31 1,2-Dichloroethene (total)	96				187252	200.000	200.84
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	98699	100.000	99.946
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	160233	100.000	98.018
	34 Bromochloromethane	128	4.046	4.046	(0.857)	32924	100.000	100.10
	35 Chloroform	83	4.101	4.101	(0.869)	177666	100.000	99.635
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	24229	100.000	91.732
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	161388	100.000	99.623
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	159236	100.000	101.46
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	119993	100.000	99.970
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	145174	100.000	101.26
	41 Benzene	78	4.521	4.521	(0.957)	431257	100.000	100.49
	42 Trichloroethene	130	5.008	5.008	(1.061)	77536	100.000	99.125
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	109627	100.000	99.251
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	44554	5000.00	5521.4
	45 Dibromomethane	93	5.269	5.269	(1.116)	47512	100.000	100.13
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	123116	100.000	94.950
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	21153	200.000	124.35
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	157560	100.000	93.029
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	191671	200.000	195.40
	50 Toluene	91	6.018	6.018	(0.836)	442373	100.000	100.00
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	134502	100.000	91.683
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	115095	100.000	94.039
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	71101	100.000	99.317
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	147210	100.000	99.702
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	64205	100.000	102.58
	56 2-Hexanone	43	6.547	6.547	(0.910)	190840	200.000	222.47
	57 Dibromochloromethane	129	6.687	6.687	(0.929)	59717	100.000	93.366
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	63649	100.000	98.398
	59 Chlorobenzene	112	7.228	7.228	(1.004)	239977	100.000	101.70
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	69138	100.000	99.256
	61 Ethylbenzene	106	7.319	7.319	(1.017)	139422	100.000	98.981
	62 m + p-Xylene	106	7.423	7.423	(1.031)	350075	200.000	202.53
M	63 Xylenes (total)	106				511385	300.000	301.52
	64 Xylene-o	106	7.788	7.788	(1.082)	161310	100.000	98.995
	65 Styrene	104	7.794	7.794	(1.083)	260434	100.000	95.668
	66 Bromoform	173	7.970	7.970	(1.107)	32674	100.000	87.333

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143451.D
Report Date: 30-May-2004 07:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67	Isopropylbenzene	105	8.122	8.122	(1.128)	403307	100.000	94.745
68	1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	88916	100.000	96.632
69	1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	28765	100.000	90.834
70	1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	26758	100.000	100.94
71	Bromobenzene	156	8.414	8.414	(0.898)	78208	100.000	101.98
72	n-Propylbenzene	120	8.512	8.512	(0.908)	102573	100.000	97.249
73	2-Chlorotoluene	126	8.597	8.597	(0.918)	80681	100.000	100.78
74	1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	357415	100.000	98.189
75	4-Chlorotoluene	126	8.694	8.694	(0.928)	83456	100.000	103.79
76	tert-Butylbenzene	119	8.986	8.986	(0.959)	273871	100.000	95.608
77	1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	352745	100.000	97.634
78	sec-Butylbenzene	105	9.199	9.199	(0.982)	431927	100.000	92.908
79	4-Isopropyltoluene	119	9.333	9.333	(0.996)	315430	100.000	94.474
80	1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	154710	100.000	99.942
81	1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	154553	100.000	100.20
82	n-Butylbenzene	91	9.735	9.735	(1.039)	314192	100.000	89.342
83	1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	146026	100.000	102.08
84	1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	9117	100.000	81.089
85	1,2,4-Trichlorobenzene	180	11.328	11.328	(1.209)	84169	100.000	95.549
86	Hexachlorobutadiene	225	11.499	11.499	(1.227)	59034	100.000	101.99
87	Naphthalene	128	11.572	11.572	(1.235)	206825	100.000	98.037
88	1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	87606	100.000	101.09
98	Cyclohexane	56	4.296	4.296	(0.910)	214725	100.000	96.098
143	Methyl Acetate	43	2.872	2.872	(0.608)	119865	200.000	197.13
144	Methylcyclohexane	83	5.160	5.160	(1.093)	203859	100.000	96.449
141	1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	100208	100.000	96.877

Data File: \\qcandr04\dd\chem\HSV\a3ux14.i\R405288-IC.b\143452.D

Date : 28-MAY-2004 17:01

Client ID:

Sample Info: 500NG-IC

Purge Volume: 5.0

Column phase: DB624

Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18

\\qcandr04\dd\chem\HSV\a3ux14.i\R405288-IC.b\143452.D

Y (x10^6)

Min

-Chloromethane
-Vinyl Chloride
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile
-tert-butyl ether+
-Hexane
-Vinyl acetate+
-Bromochloromethane
-Chloroform
-Dibromofluoromethane
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
-m + p-Xylene
-Xylenes (total)
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,3-Dichloropropylene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143452.D
Report Date: 30-May-2004 07:48

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143452.D
Lab Smp Id: 50NG-IC
Inj Date : 28-MAY-2004 17:01 Inst ID: a3ux14.i
Operator : 2807
Smp Info : 50NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:47 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 17:01 Cal File: 143452.D
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000 Compound Sublist: 1-8260.SUB
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

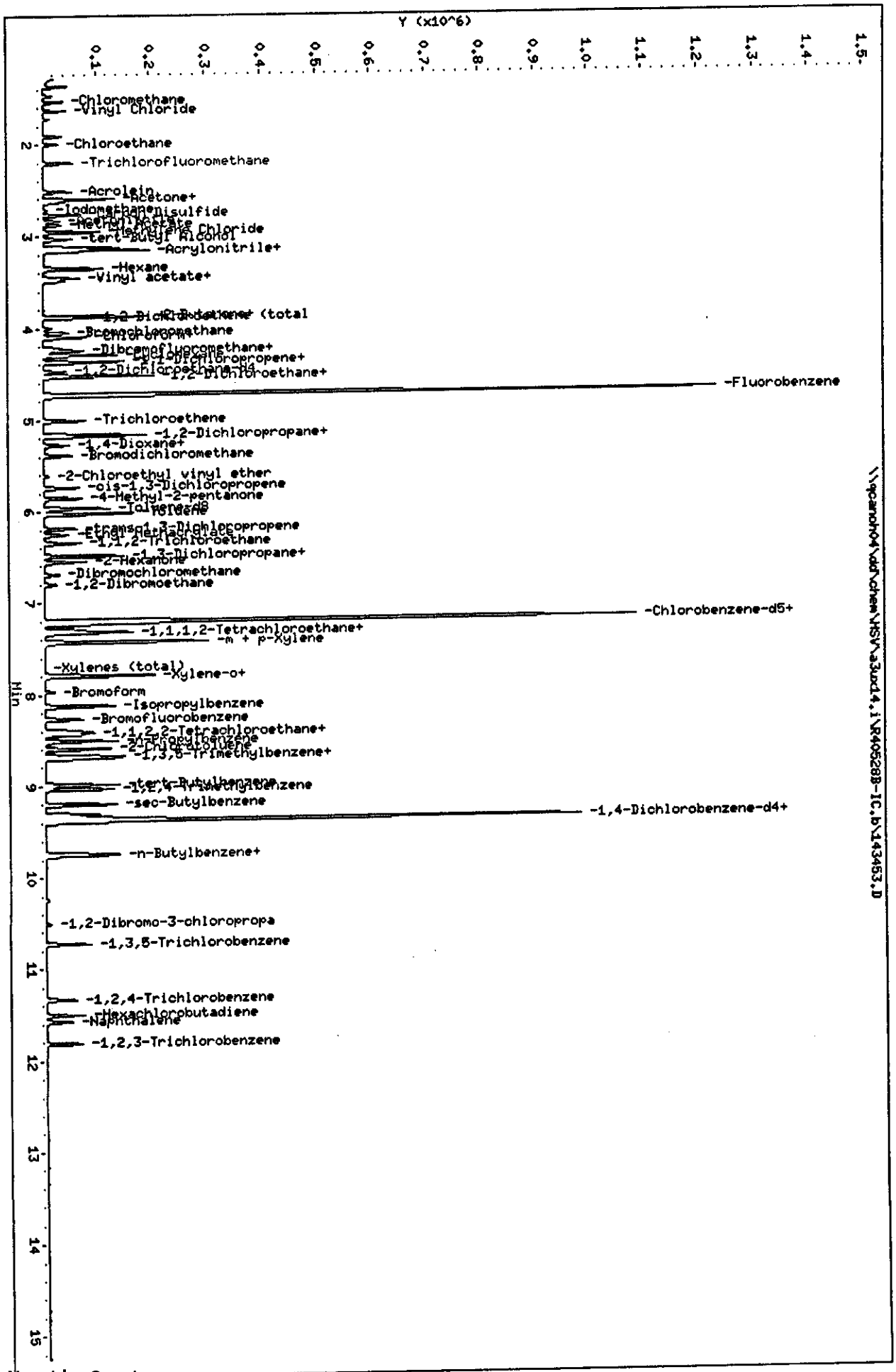
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	796065	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	459468	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	204966	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	34600	50.0000	49.840
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	53857	50.0000	50.187
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	154670	50.0000	47.668
$ 7 Bromofluorobenzene	95	8.268	8.268	(1.149)	54690	50.0000	45.728
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	55603	50.0000	49.797
9 Chloromethane	50	1.534	1.534	(0.325)	64060	50.0000	48.533
10 Vinyl Chloride	62	1.625	1.625	(0.344)	58664	50.0000	46.565
12 Chloroethane	64	1.996	1.996	(0.423)	38136	50.0000	48.169
13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	66572	50.0000	48.326
15 Acrolein	56	2.520	2.520	(0.534)	56908	500.000	427.93
16 Acetone	43	2.629	2.629	(0.557)	49603	100.000	108.31
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	33571	50.0000	46.462
18 Freon-113	151	2.599	2.599	(0.550)	19669	50.0000	46.087
19 Iodomethane	142	2.714	2.714	(0.575)	16201	50.0000	32.805

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143452.D
Report Date: 30-May-2004 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	127367	50.0000	44.222
	21 Methylene Chloride	84	2.951	2.951	(0.625)	49020	50.0000	53.666
	22 Acetonitrile	41	2.830	2.830	(0.599)	50414	500.000	517.57
	23 Acrylonitrile	53	3.122	3.122	(0.661)	147230	500.000	497.15
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	134101	50.0000	44.525
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	37804	50.0000	46.010
	26 Hexane	86	3.353	3.353	(0.710)	13471	50.0000	49.869
	27 Vinyl acetate	43	3.481	3.481	(0.737)	83176	50.0000	44.214
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	88313	50.0000	46.044
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	72499	1000.00	865.06
	30 2-Butanone	43	3.876	3.876	(0.821)	57493	100.000	98.950
M	31 1,2-Dichloroethene (total)	96				80780	100.000	92.408
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	42976	50.0000	46.399
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	68182	50.0000	44.815
	34 Bromochloromethane	128	4.046	4.046	(0.857)	14285	50.0000	46.323
	35 Chloroform	83	4.101	4.101	(0.869)	77973	50.0000	46.580
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	10326	50.0000	42.483
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	68715	50.0000	45.438
	38 1,1-Dichloropropene	75	4.363	4.363	(0.924)	66059	50.0000	45.150
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	51678	50.0000	45.995
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	64835	50.0000	47.868
	41 Benzene	78	4.521	4.521	(0.957)	185576	50.0000	46.158
	42 Trichloroethene	130	5.002	5.002	(1.059)	32992	50.0000	45.228
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	48297	50.0000	46.578
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	19664	2500.00	2541.6
	45 Dibromomethane	93	5.269	5.269	(1.116)	20398	50.0000	45.936
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	52442	50.0000	43.694
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	9849	100.000	65.821
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	62114	50.0000	40.277
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	85883	100.000	93.244
	50 Toluene	91	6.018	6.018	(0.836)	188851	50.0000	45.720
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	53399	50.0000	40.061
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	44682	50.0000	40.161
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	31799	50.0000	47.220
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	62858	50.0000	45.615
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	28086	50.0000	47.612
	56 2-Hexanone	43	6.547	6.547	(0.910)	92204	100.000	109.91
	57 Dibromochloromethane	129	6.687	6.687	(0.929)	24458	50.0000	41.748
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	26095	50.0000	43.643
	59 Chlorobenzene	112	7.228	7.228	(1.004)	103389	50.0000	46.700
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	28541	50.0000	44.206
	61 Ethylbenzene	106	7.319	7.319	(1.017)	57195	50.0000	43.877
	62 m + p-Xylene	106	7.423	7.423	(1.031)	143441	100.000	89.330
M	63 Xylenes (total)	106				207528	150.000	132.06
	64 Xylene-o	106	7.788	7.788	(1.082)	64087	50.0000	42.735
	65 Styrene	104	7.794	7.794	(1.083)	97844	50.0000	39.638
	66 Bromoform	173	7.970	7.970	(1.107)	12932	50.0000	38.352

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143452.D
Report Date: 30-May-2004 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67	Isopropylbenzene	105	8.122	8.122	(1.128)	151457	50.0000	39.301
68	1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	38886	50.0000	46.805
69	1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	10661	50.0000	38.762
70	1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	11017	50.0000	46.172
71	Bromobenzene	156	8.415	8.415	(0.898)	31971	50.0000	46.288
72	n-Propylbenzene	120	8.512	8.512	(0.908)	38503	50.0000	41.488
73	2-Chlorotoluene	126	8.597	8.597	(0.918)	32668	50.0000	45.486
74	1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	136391	50.0000	42.399
75	4-Chlorotoluene	126	8.694	8.694	(0.928)	34293	50.0000	47.154
76	tert-Butylbenzene	119	8.986	8.986	(0.959)	104592	50.0000	41.496
77	1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	137956	50.0000	43.068
78	sec-Butylbenzene	105	9.199	9.199	(0.982)	162413	50.0000	39.990
79	4-Isopropyltoluene	119	9.333	9.333	(0.996)	118929	50.0000	40.647
80	1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	62954	50.0000	45.362
81	1,4-Dichlorobenzene	146	9.388	9.388	(1.002)	65287	50.0000	46.865
82	n-Butylbenzene	91	9.735	9.735	(1.039)	115233	50.0000	37.884
83	1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	60169	50.0000	46.626
84	1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	3805	50.0000	38.934
85	1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	30389	50.0000	39.568
86	Hexachlorobutadiene	225	11.505	11.505	(1.228)	23082	50.0000	44.638
87	Naphthalene	128	11.572	11.572	(1.235)	74123	50.0000	40.182
88	1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	34326	50.0000	44.389
98	Cyclohexane	56	4.296	4.296	(0.910)	89499	50.0000	43.346
143	Methyl Acetate	43	2.872	2.872	(0.608)	58120	100.000	100.08
144	Methylcyclohexane	83	5.160	5.160	(1.093)	82629	50.0000	42.482
141	1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	40111	50.0000	43.621


Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143453.D
Date : 28-MAY-2004 17:25
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
\\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143453.D
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon disulfide
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-1,2-Dichloroethene (total
-Bromochloromethane
-Chloroform
-Dibromofluoromethane+
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
-m + p-Xylene
-Xylenes (total)
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143453.D
Report Date: 30-May-2004 07:48

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143453.D
Lab Smp Id: 25NG-IC
Inj Date : 28-MAY-2004 17:25
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 25NG-IC
Misc Info : R40528B-IC,8260SUX14,1-8260.SUB,2807,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:48 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 17:25 Cal File: 143453.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

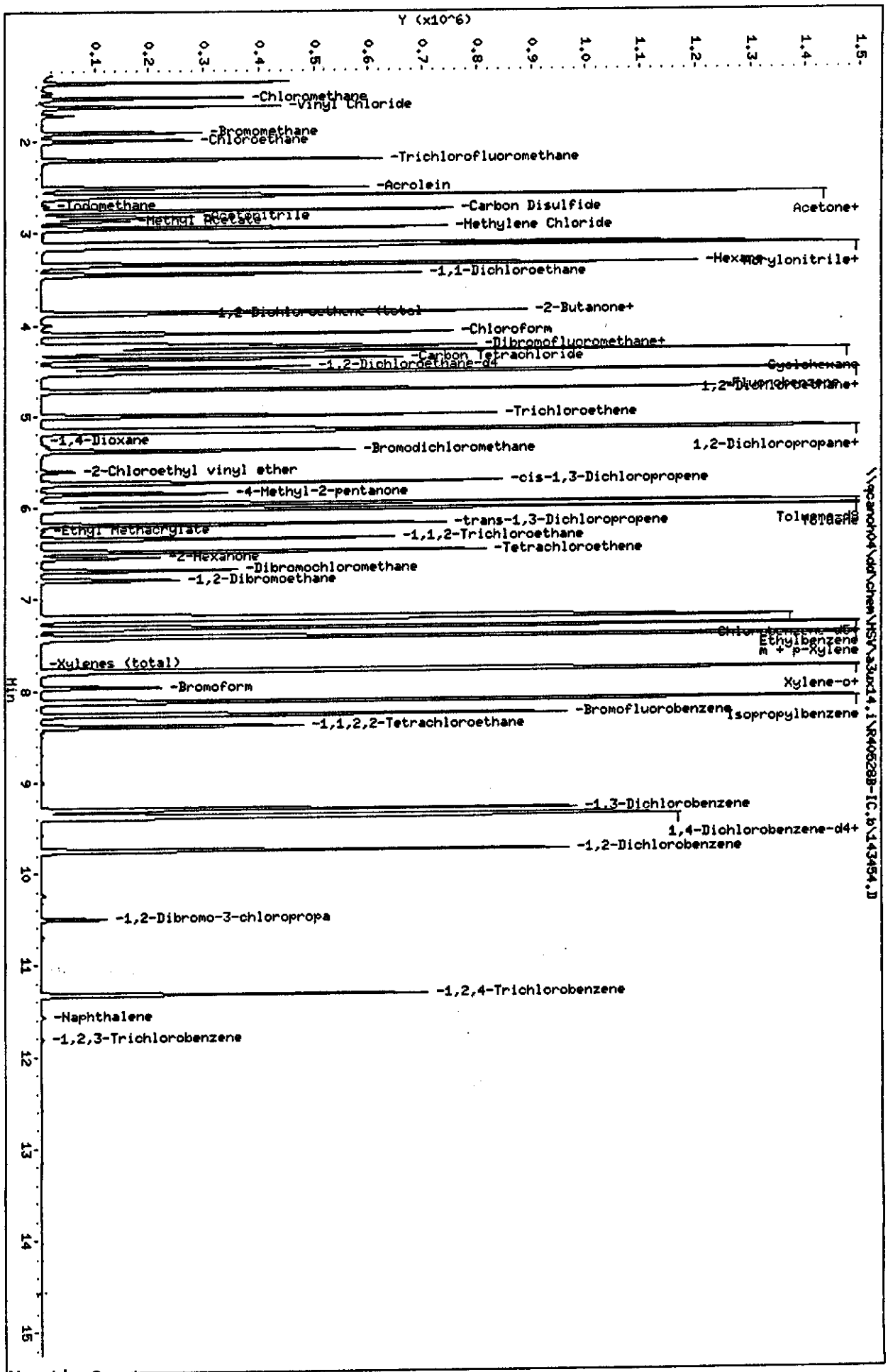
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	810722	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	465583	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	207024	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	15608	25.0000	22.515
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	24616	25.0000	22.902
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	69112	25.0000	21.593
$ 7 Bromofluorobenzene	95	8.268	8.268	(1.148)	24995	25.0000	21.244
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	26648	25.0000	23.681
9 Chloromethane	50	1.528	1.528	(0.324)	31741	25.0000	23.833
10 Vinyl Chloride	62	1.631	1.631	(0.346)	29151	25.0000	23.071
12 Chloroethane	64	1.996	1.996	(0.423)	18109	25.0000	22.926
13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	33119	25.0000	23.829
15 Acrolein	56	2.513	2.513	(0.532)	31356	250.000	234.41
16 Acetone	43	2.629	2.629	(0.557)	29200	50.0000	60.080
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	18402	25.0000	25.006
18 Freon-113	151	2.599	2.599	(0.550)	11746	25.0000	26.665
19 Iodomethane	142	2.714	2.714	(0.575)	6104	25.0000	13.275

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143453.D
Report Date: 30-May-2004 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	68715	25.0000	23.675
	21 Methylene Chloride	84	2.951	2.951	(0.625)	30562	25.0000	31.219
	22 Acetonitrile	41	2.830	2.830	(0.599)	26432	250.000	263.56
	23 Acrylonitrile	53	3.122	3.122	(0.661)	77095	250.000	254.67
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	71513	25.0000	23.580
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	21667	25.0000	25.740
	26 Hexane	86	3.347	3.347	(0.709)	5888	25.0000	21.929
	27 Vinyl acetate	43	3.481	3.481	(0.737)	41299	25.0000	22.063
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	49302	25.0000	25.200
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	42135	500.000	494.71
	30 2-Butanone	43	3.876	3.876	(0.821)	30555	50.0000	51.357
M	31 1,2-Dichloroethene (total)	96				44982	50.0000	50.504
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	23315	25.0000	24.764
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	36916	25.0000	24.014
	34 Bromochloromethane	128	4.046	4.046	(0.857)	7933	25.0000	25.216
	35 Chloroform	83	4.101	4.101	(0.869)	43266	25.0000	25.315
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	5468	25.0000	22.527
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	38153	25.0000	24.810
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	35602	25.0000	24.071
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	29118	25.0000	25.372
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	36745	25.0000	26.351
	41 Benzene	78	4.521	4.521	(0.957)	104221	25.0000	25.377
	42 Trichloroethene	130	5.008	5.008	(1.061)	18638	25.0000	25.074
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	26229	25.0000	24.865
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	10149	1250.00	1281.5
	45 Dibromomethane	93	5.269	5.269	(1.116)	10923	25.0000	24.291
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	27910	25.0000	23.168
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	3881	50.0000	27.736
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	31345	25.0000	20.652
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	41413	50.0000	45.028
	50 Toluene	91	6.018	6.018	(0.835)	103238	25.0000	24.720
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	28204	25.0000	21.471
	52 Ethyl Methacrylate	69	6.255	6.255	(0.868)	20998	25.0000	19.452
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	17435	25.0000	25.457
	54 1,3-Dichloropropane	76	6.492	6.492	(0.901)	34917	25.0000	25.005
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	14791	25.0000	24.787
	56 2-Hexanone	43	6.547	6.547	(0.909)	45635	50.0000	53.031
	57 Dibromochloromethane	129	6.687	6.687	(0.928)	12239	25.0000	21.237
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	14687	25.0000	24.364
	59 Chlorobenzene	112	7.228	7.228	(1.003)	59086	25.0000	26.105
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.013)	15784	25.0000	24.267
	61 Ethylbenzene	106	7.319	7.319	(1.016)	29592	25.0000	22.798
	62 m + p-Xylene	106	7.423	7.423	(1.030)	74616	50.0000	46.500
M	63 Xylenes (total)	106				106449	75.0000	68.030
	64 Xylene-o	106	7.788	7.788	(1.081)	31833	25.0000	21.530
	65 Styrene	104	7.794	7.794	(1.082)	48439	25.0000	20.121
	66 Bromoform	173	7.970	7.970	(1.106)	6611	25.0000	20.106

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143453.D
Report Date: 30-May-2004 07:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.122	8.122	(1.127)	74471	25.0000	19.855
68 1,1,2,2-Tetrachloroethane	83	8.396	8.396	(0.896)	20361	25.0000	24.384
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	5377	25.0000	20.112
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	5996	25.0000	24.899
71 Bromobenzene	156	8.414	8.414	(0.898)	17043	25.0000	24.523
72 n-Propylbenzene	120	8.512	8.512	(0.908)	19213	25.0000	21.131
73 2-Chlorotoluene	126	8.591	8.591	(0.917)	16991	25.0000	23.671
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	67312	25.0000	21.326
75 4-Chlorotoluene	126	8.700	8.700	(0.929)	17247	25.0000	23.720
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	52670	25.0000	21.301
77 1,2,4-Trimethylbenzene	105	9.035	9.035	(0.964)	67983	25.0000	21.586
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	82727	25.0000	20.838
79 4-Isopropyltoluene	119	9.339	9.339	(0.997)	56730	25.0000	19.969
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	36125	25.0000	25.639
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	37019	25.0000	26.082
82 n-Butylbenzene	91	9.735	9.735	(1.039)	57217	25.0000	19.450
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	33133	25.0000	25.349
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	1851	25.0000	19.567
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	15735	25.0000	20.943
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	12722	25.0000	24.463
87 Naphthalene	128	11.572	11.572	(1.235)	34327	25.0000	19.268
88 1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	17514	25.0000	22.815
98 Cyclohexane	56	4.296	4.296	(0.910)	46697	25.0000	22.628
143 Methyl Acetate	43	2.872	2.872	(0.608)	31512	50.0000	52.707
144 Methylcyclohexane	83	5.160	5.160	(1.093)	42413	25.0000	21.936
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	21127	25.0000	23.094



Data File: \\qcanoh04\dd\chem\HSV\a3ux14,i\R406288-IC.b\143454.D
Date : 28-MAY-2004 17:50
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14,i
Operator: 2807
Column diameter: 0.18

\\qcanoh04\dd\chem\HSV\a3ux14,i\R406288-IC.b\143454.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Report Date: 30-May-2004 08:07

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Lab Smp Id: ICV
Inj Date : 28-MAY-2004 17:50 Inst ID: a3ux14.i
Operator : 2807
Smp Info : ICV
Misc Info : R40528B-IC,8260SUX14,1-8260+B.SUB,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 08:04 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 20:16 Cal File: 143460.D
Als bottle: 8 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260+B.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	812992	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	469185	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	208933	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	181317	260.829	52.166
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	275366	255.476	51.095
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	878486	272.362	54.472
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.149)	317171	267.507	53.501
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	280887	248.917	49.783
9 Chloromethane	50	1.534	1.528	(0.325)	309009	231.378	46.276
10 Vinyl Chloride	62	1.625	1.625	(0.344)	295426	233.157	46.631
11 Bromomethane	94	1.911	1.899	(0.405)	140208	239.502	47.900
12 Chloroethane	64	1.996	1.990	(0.423)	179735	226.907	45.381
13 Trichlorofluoromethane	101	2.203	2.197	(0.467)	361322	259.240	51.848
15 Acrolein	56	2.513	2.513	(0.532)	367834	2742.17	548.43
16 Acetone	43	2.629	2.629	(0.557)	72195	148.129	29.626
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	197522	267.662	53.532
18 Freon-113	151	2.599	2.599	(0.550)	125918	285.053	57.010

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Report Date: 30-May-2004 08:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	2.714	2.714	(0.575)	9507	36.5402	7.308
20	Carbon Disulfide	76	2.763	2.763	(0.585)	773571	265.783	53.156
21	Methylene Chloride	84	2.951	2.951	(0.625)	228619	232.883	46.576
22	Acetonitrile	41	2.830	2.830	(0.599)	223636	2223.75	444.75
23	Acrylonitrile	53	3.122	3.122	(0.661)	719105	2368.77	473.75
24	Methyl tert-butyl ether	73	3.152	3.152	(0.668)	629187	206.880	41.376
25	trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	215092	254.811	50.962
26	Hexane	86	3.353	3.353	(0.710)	73751	273.908	54.782
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.456	3.456	(0.732)	500578	255.146	51.029
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	3.876	3.876	(0.821)	95516	160.094	32.019
M 31	1,2-Dichloroethene (total)	96				454769	508.670	101.73
32	cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	239677	253.858	50.772
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.101	4.101	(0.869)	432744	252.492	50.498
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	396045	256.821	51.364
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.375	4.375	(0.927)	303702	263.888	52.778
40	1,2-Dichloroethane	62	4.527	4.527	(0.959)	345457	247.043	49.408
41	Benzene	78	4.521	4.521	(0.957)	1051678	255.363	51.072
42	Trichloroethene	130	5.008	5.002	(1.061)	187952	252.146	50.429
43	1,2-Dichloropropane	63	5.178	5.172	(1.097)	268093	253.443	50.689
44	1,4-Dioxane	88	5.281	5.275	(1.119)	1385	174.400	34.880
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.385	5.385	(1.140)	307209	254.305	50.861
47	2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	22077	181.575	36.315
48	cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	393662	258.645	51.729
49	4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	186468	202.177	40.435
50	Toluene	91	6.018	6.018	(0.836)	1077842	256.109	51.222
51	trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	331181	250.183	50.037
52	Ethyl Methacrylate	69	6.255	6.255	(0.869)	3245	12.9723	2.594
53	1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	167461	242.631	48.526
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.486	6.486	(0.901)	153509	255.275	51.055
56	2-Hexanone	43	6.547	6.547	(0.910)	119837	138.190	27.638
57	Dibromochloromethane	129	6.687	6.687	(0.929)	148766	256.160	51.232
58	1,2-Dibromoethane	107	6.796	6.796	(0.944)	151565	249.498	49.900
59	Chlorobenzene	112	7.228	7.228	(1.004)	566342	248.301	49.660
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.319	7.320	(1.017)	342631	261.942	52.388
62	m + p-Xylene	106	7.423	7.423	(1.031)	840027	519.475	103.90
M 63	Xylenes (total)	106				1231372	782.125	156.42
64	Xylene-o	106	7.782	7.782	(1.081)	391345	262.649	52.530
65	Styrene	104	7.794	7.794	(1.083)	642358	264.783	52.956

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Report Date: 30-May-2004 08:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66	Bromoform	173	7.970	7.970	(1.107)	84702	239.512	47.902
67	Isopropylbenzene	105	8.123	8.123	(1.128)	1045843	258.137	51.627
68	1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	218374	259.127	51.825
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
70	1,2,3-Trichloropropane	110	Compound Not Detected.					
71	Bromobenzene	156	Compound Not Detected.					
72	n-Propylbenzene	120	Compound Not Detected.					
73	2-Chlorotoluene	126	Compound Not Detected.					
74	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75	4-Chlorotoluene	126	Compound Not Detected.					
76	tert-Butylbenzene	119	Compound Not Detected.					
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78	sec-Butylbenzene	105	Compound Not Detected.					
79	4-Isopropyltoluene	119	Compound Not Detected.					
80	1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	336808	236.862	47.372
81	1,4-Dichlorobenzene	146	9.388	9.394	(1.002)	350664	244.802	48.960
82	n-Butylbenzene	91	Compound Not Detected.					
83	1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	317230	240.486	48.097
84	1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	20956	203.295	40.659
85	1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	175720	231.739	46.348
86	Hexachlorobutadiene	225	Compound Not Detected.					
87	Naphthalene	128	11.572	11.572	(1.235)	6936	16.2425	3.248
88	1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	1728	2.23047	0.4461
98	Cyclohexane	56	4.296	4.296	(0.910)	542444	262.124	52.425
143	Methyl Acetate	43	2.872	2.872	(0.608)	138539	231.073	46.214
144	Methylcyclohexane	83	5.160	5.160	(1.093)	498648	257.185	51.437
141	1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Report Date: 30-May-2004 08:08

STL North Canton

RECOVERY REPORT

Client Name:
Client SDG: SDGa00532
Sample Matrix: SOLID
Fraction: VOA
Lab Smp Id: ICV
Level: LOW
Operator: 2807
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: plexus-ck.spk
Quant Type: ISTD
Sublist File: 1-8260+B.SUB
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Misc Info: R40528B-IC,8260SUX14,1-8260+B.SUB,2807,3

	SPIKE	COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
	17	1,1-Dichloroethene	50.000	53.532	107.06	50-150
	42	Trichloroethene	50.000	50.429	100.86	50-150
	59	Chlorobenzene	50.000	49.660	99.32	50-150
	50	Toluene	50.000	51.222	102.44	50-150
	41	Benzene	50.000	51.072	102.14	50-150
	16	Acetone	50.000	29.626	59.25	50-150
	20	Carbon Disulfide	50.000	53.156	106.31	50-150
	9	Chloromethane	50.000	46.276	92.55	50-150
	11	Bromomethane	50.000	47.900	95.80	50-150
	10	Vinyl Chloride	50.000	46.631	93.26	50-150
	12	Chloroethane	50.000	45.381	90.76	50-150
	21	Methylene Chloride	50.000	46.576	93.15	50-150
	28	1,1-Dichloroethane	50.000	51.029	102.06	50-150
M	31	1,2-Dichloroethene	100.00	101.73	101.73	50-150
	35	Chloroform	50.000	50.498	101.00	50-150
	40	1,2-Dichloroethane	50.000	49.408	98.82	50-150
	30	2-Butanone	50.000	32.019	64.04	50-150
	37	1,1,1-Trichloroeth	50.000	51.364	102.73	50-150
	39	Carbon Tetrachlori	50.000	52.778	105.56	50-150
	46	Bromodichlorometha	50.000	50.861	101.72	50-150
	43	1,2-Dichloropropan	50.000	50.689	101.38	50-150
	48	cis-1,3-Dichloropr	50.000	51.729	103.46	50-150
	57	Dibromochlorometha	50.000	51.232	102.46	50-150
	53	1,1,2-Trichloroeth	50.000	48.526	97.05	50-150
	51	trans-1,3-Dichloro	50.000	50.037	100.07	50-150
	66	Bromoform	50.000	47.902	95.80	50-150
	49	4-Methyl-2-pentano	50.000	40.435	80.87	50-150
	56	2-Hexanone	50.000	27.638	55.28	50-150
	55	Tetrachloroethene	50.000	51.055	102.11	50-150
	68	1,1,2,2-Tetrachlor	50.000	51.825	103.65	50-150
	61	Ethylbenzene	50.000	52.388	104.78	50-150
	65	Styrene	50.000	52.956	105.91	50-150
M	63	Xylenes (total)	150.00	156.42	104.28	50-150

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143454.D
Report Date: 30-May-2004 08:08

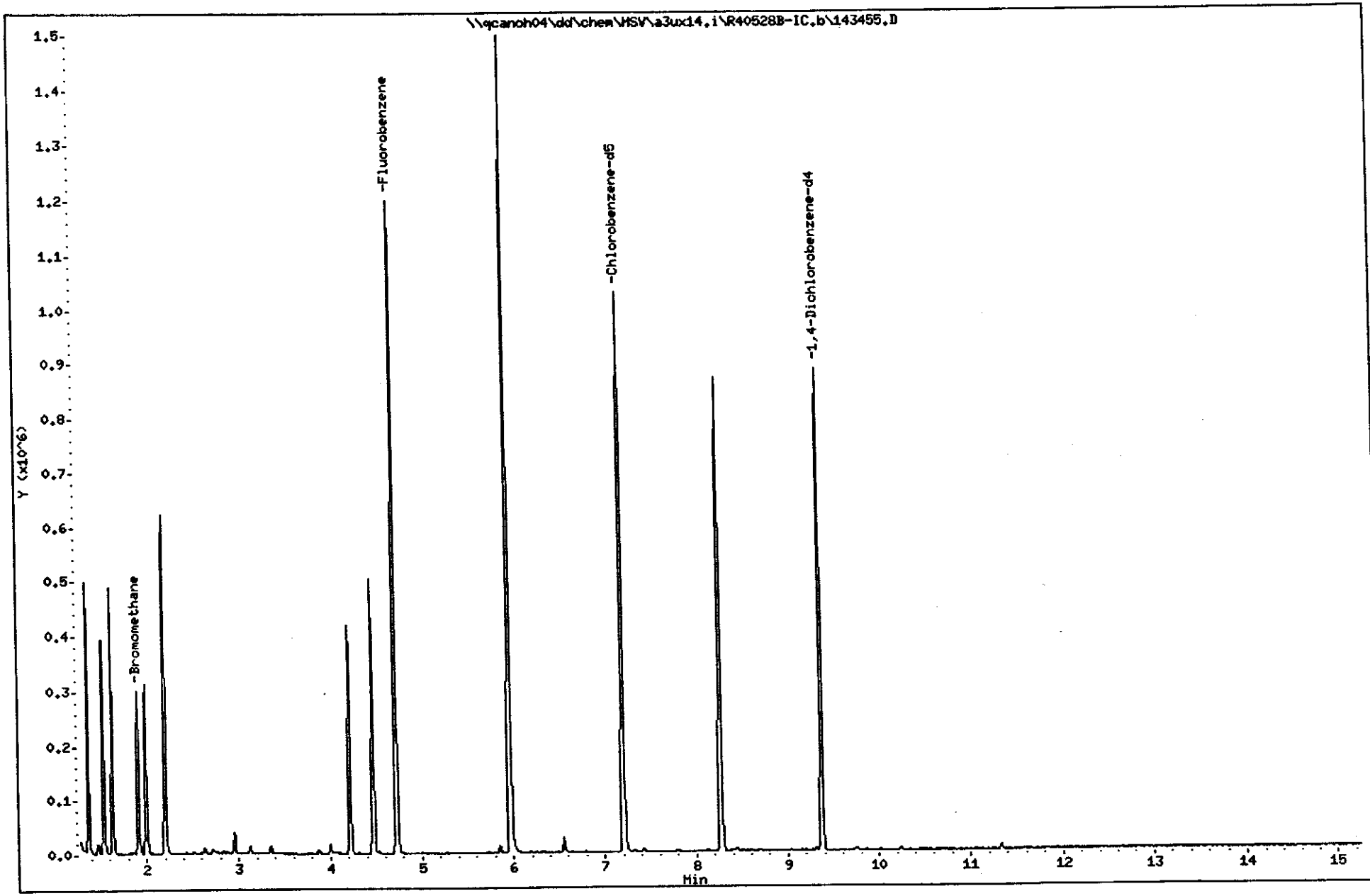
	SPIKE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
32	cis-1,2-dichloroet	50.000	50.772	101.54	50-150
25	trans-1,2-Dichloro	50.000	50.962	101.92	50-150
8	Dichlorodifluorome	50.000	49.783	99.57	50-150
13	Trichlorofluoromet	50.000	51.848	103.70	50-150
18	Freon-113	50.000	57.010	114.02	50-150
24	Methyl tert-butyl	50.000	41.376	82.75	50-150
58	1,2-Dibromoethane	50.000	49.900	99.80	50-150
67	Isopropylbenzene	50.000	51.627	103.25	50-150
80	1,3-Dichlorobenzen	50.000	47.372	94.74	50-150
81	1,4-Dichlorobenzen	50.000	48.960	97.92	50-150
83	1,2-Dichlorobenzen	50.000	48.097	96.19	50-150
84	1,2-Dibromo-3-chlo	50.000	40.659	81.32	50-150
85	1,2,4-Trichloroben	50.000	46.348	92.70	50-150
98	Cyclohexane	50.000	52.425	104.85	50-150
143	Methyl Acetate	50.000	46.214	92.43	50-150
144	Methylcyclohexane	50.000	51.437	102.87	50-150

	SURROGATE COMPOUND	CONC ADDED UG/KG	CONC RECOVERED UG/KG	% RECOVERED	LIMITS
$ 4	Dibromofluorometha	50.000	52.166	104.33	59-138
$ 5	1,2-Dichloroethane	50.000	51.095	102.19	61-130
$ 6	Toluene-d8	50.000	54.472	108.94	60-143
$ 7	Bromofluorobenzene	50.000	53.501	107.00	47-158

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143455.D
Date : 28-MAY-2004 18:14
Client ID:
Sample Info: 250NG-BRIC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143455.D
Report Date: 30-May-2004 07:49

STL North Canton

VOLATILE REPORT SW-846 Method

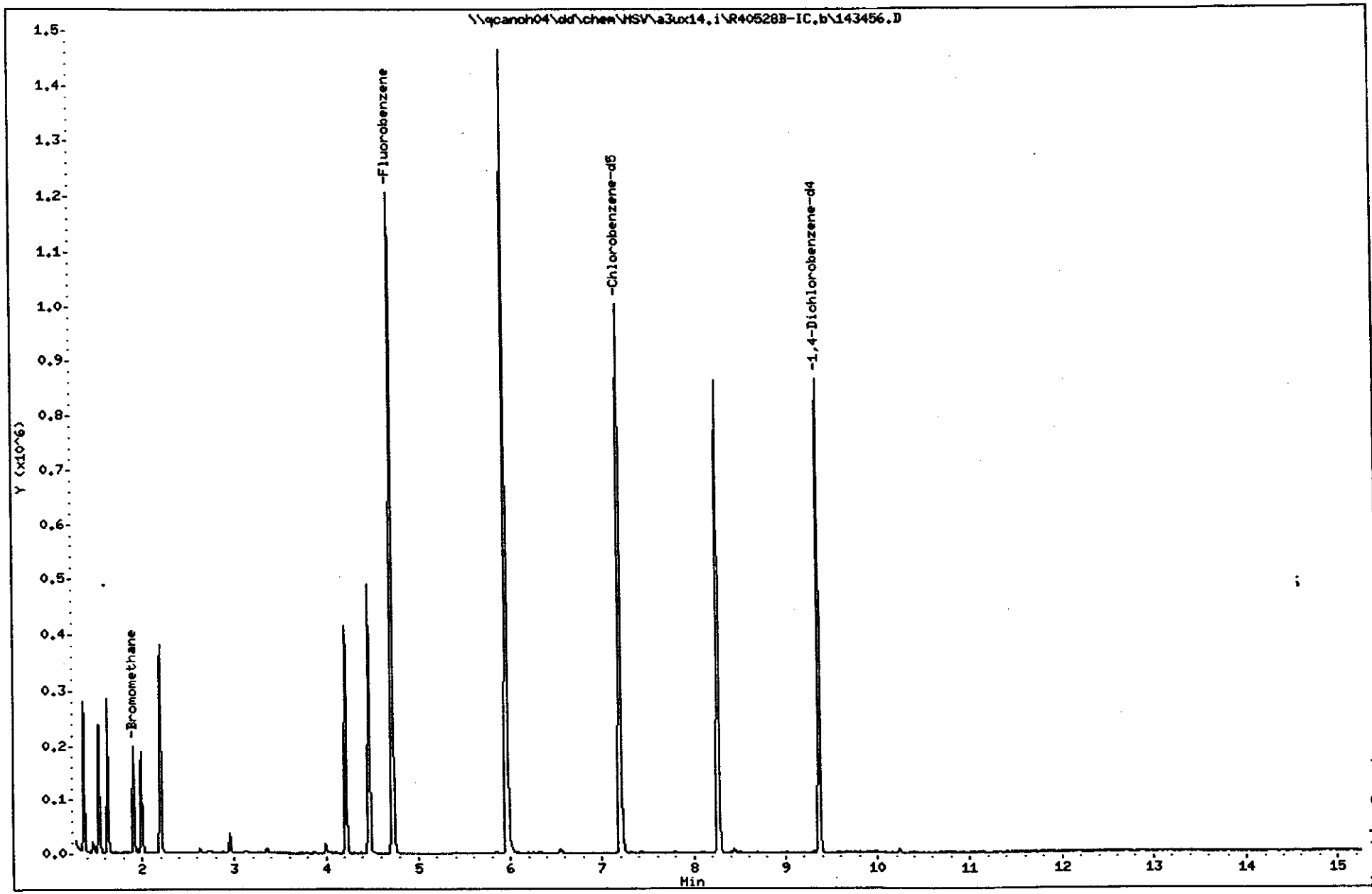
Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143455.D
Lab Smp Id: 250NG-BRIC
Inj Date : 28-MAY-2004 18:14
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:49 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 18:14 Cal File: 143455.D
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	783780	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	452366	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	183839	250.000	
11 Bromomethane	94	1.905	1.905	(0.404)	144355	250.000	250.00

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143456.D
Date : 28-MAY-2004 18:38
Client ID:
Instrument: a3ux14.i
Sample Info: 150NG-BRIC
Purge Volume: 5.0
Operator: 2807
Column phase: DB624
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143456.D
Report Date: 30-May-2004 07:50

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143456.D
Lab Smp Id: 150NG-BRIC
Inj Date : 28-MAY-2004 18:38
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 150NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:49 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 18:38 Cal File: 143456.D
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

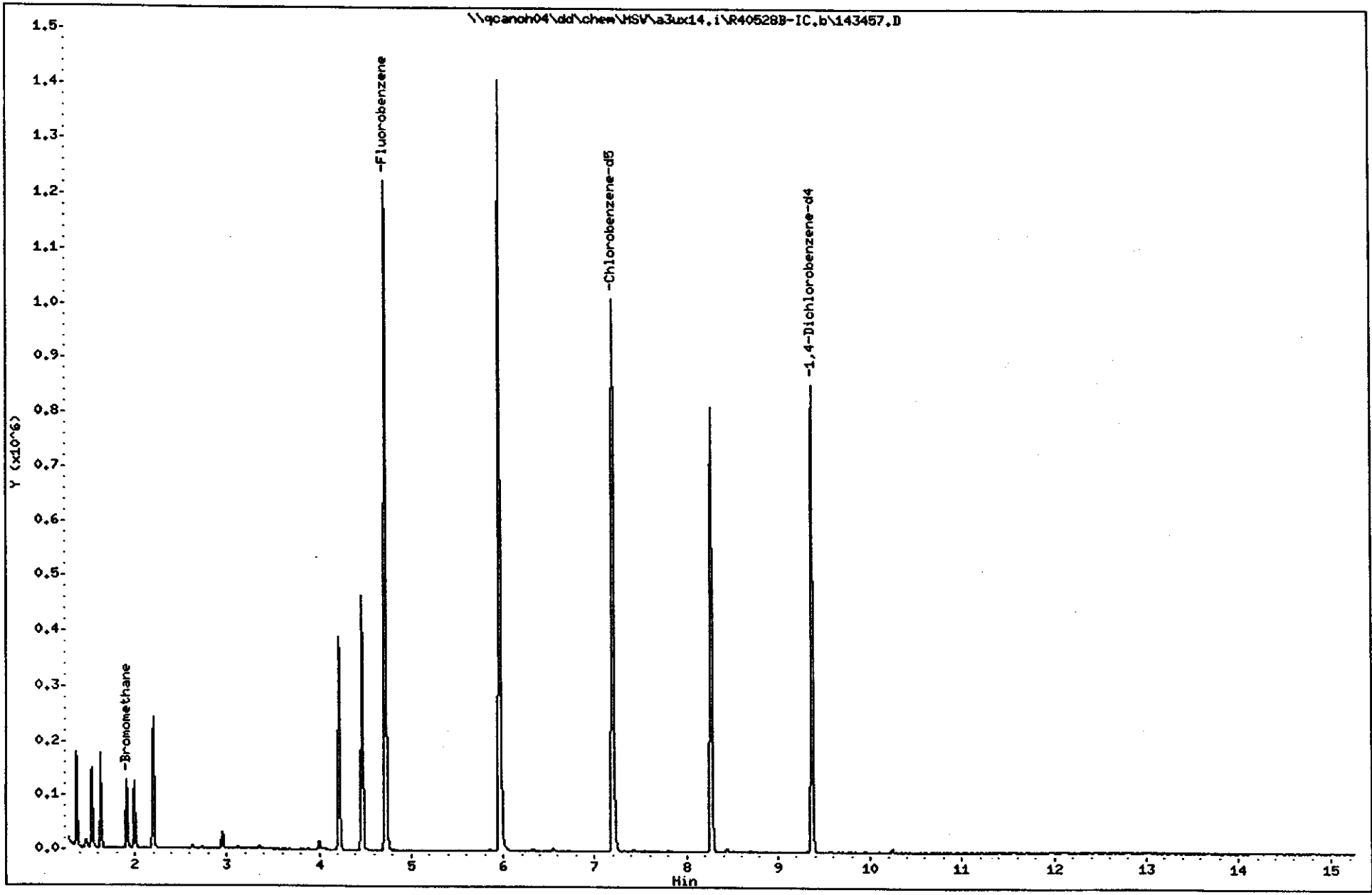
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	761249	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	432491	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	173979	250.000	
11 Bromomethane	94	1.911	1.911	(0.405)	86698	150.000	152.26

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143457.D
Date : 28-MAY-2004 19:03
Client ID:
Sample Info: 100NG-BRIC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143457.D
Report Date: 30-May-2004 07:50

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143457.D
Lab Smp Id: 100NG-BRIC
Inj Date : 28-MAY-2004 19:03
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 100NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:50 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 19:03 Cal File: 143457.D
Als bottle: 11 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

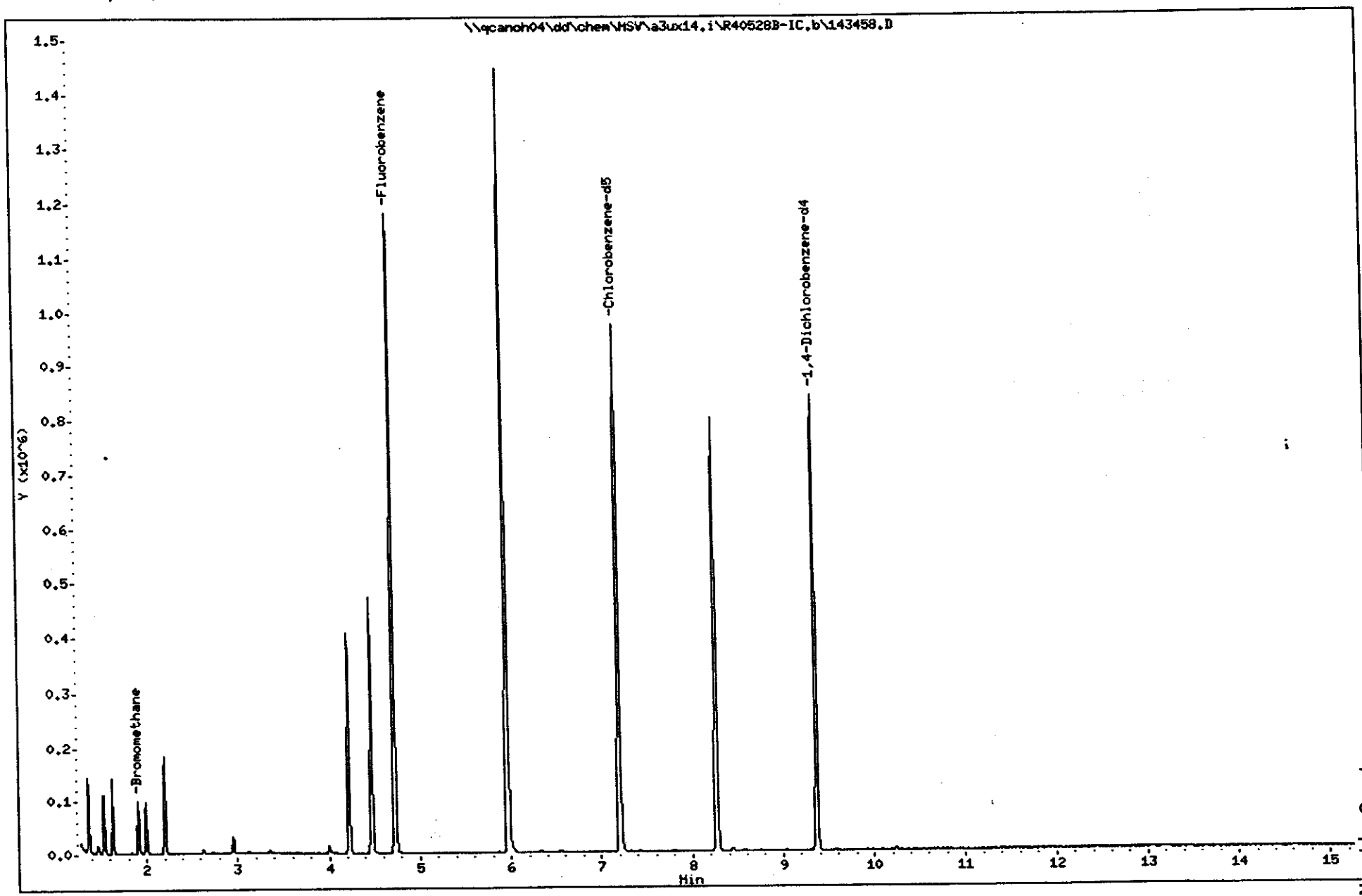
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	794387	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	447626	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	176626	250.000	
11 Bromomethane	94	1.911	1.911	(0.405)	54494	100.000	94.317

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143458.D
Date : 28-MAY-2004 19:27
Client ID:
Sample Info: 75NG-BRIC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143458.D
Report Date: 30-May-2004 07:51

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143458.D
Lab Smp Id: 75NG-BRIC
Inj Date : 28-MAY-2004 19:27 Inst ID: a3ux14.i
Operator : 2807
Smp Info : 75NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:51 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 19:27 Cal File: 143458.D
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

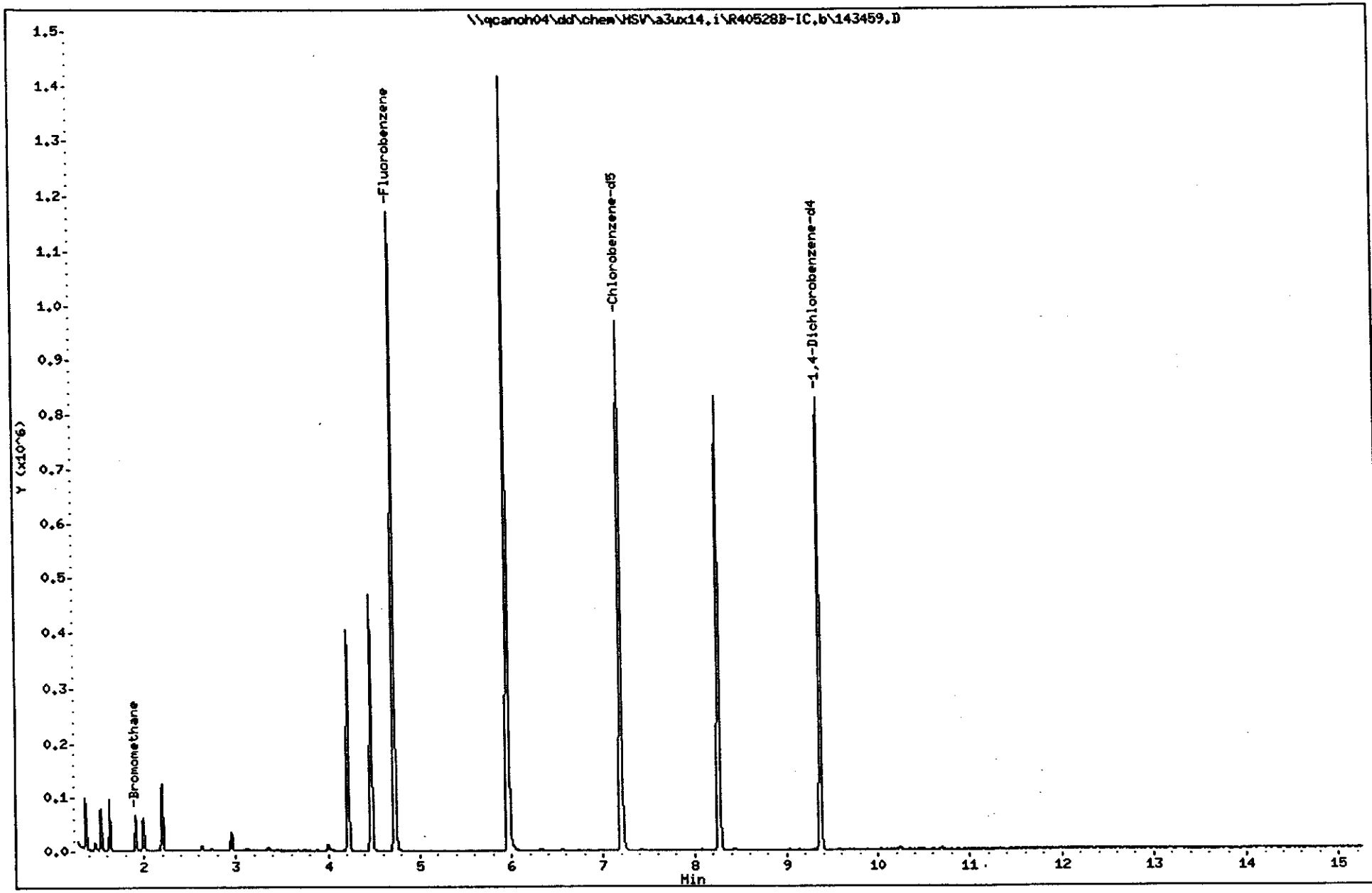
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	770413	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	434534	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	171760	250.000	
11 Bromomethane	94	1.911	1.911	(0.405)	41151	75.0000	73.824

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143459.D
Date : 28-MAY-2004 19:52
Client ID:
Sample Info: 50NG-BRIC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143459.D
Report Date: 30-May-2004 07:52

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143459.D
Lab Smp Id: 50NG-BRIC
Inj Date : 28-MAY-2004 19:52
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 50NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:51 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 19:52 Cal File: 143459.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

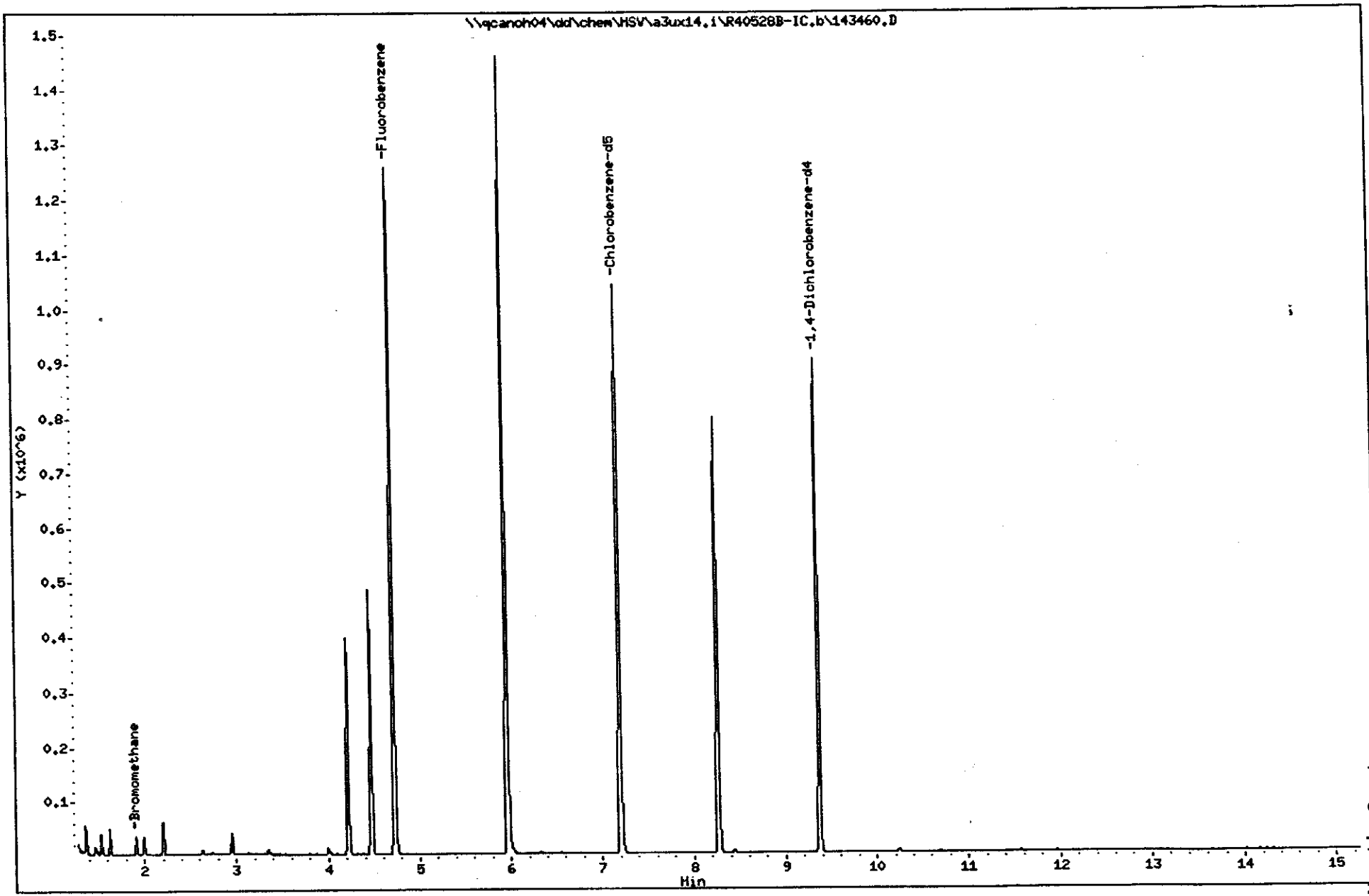
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	752945	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	425988	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	169156	250.000	
11 Bromomethane	94	1.911	1.911	(0.405)	27411	50.0000	50.252

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\143460.D
Date : 28-MAY-2004 20:16
Client ID:
Sample Info: 25NG-BRIC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143460.D
Report Date: 30-May-2004 07:52

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\143460.D
Lab Smp Id: 25NG-BRIC
Inj Date : 28-MAY-2004 20:16
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 25NG-BRIC
Misc Info : R40528B-IC,8260SUX14,BRME.SUB,2807,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\8260SUX14.m
Meth Date : 30-May-2004 07:52 macenczaks Quant Type: ISTD
Cal Date : 28-MAY-2004 20:16 Cal File: 143460.D
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BRME.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

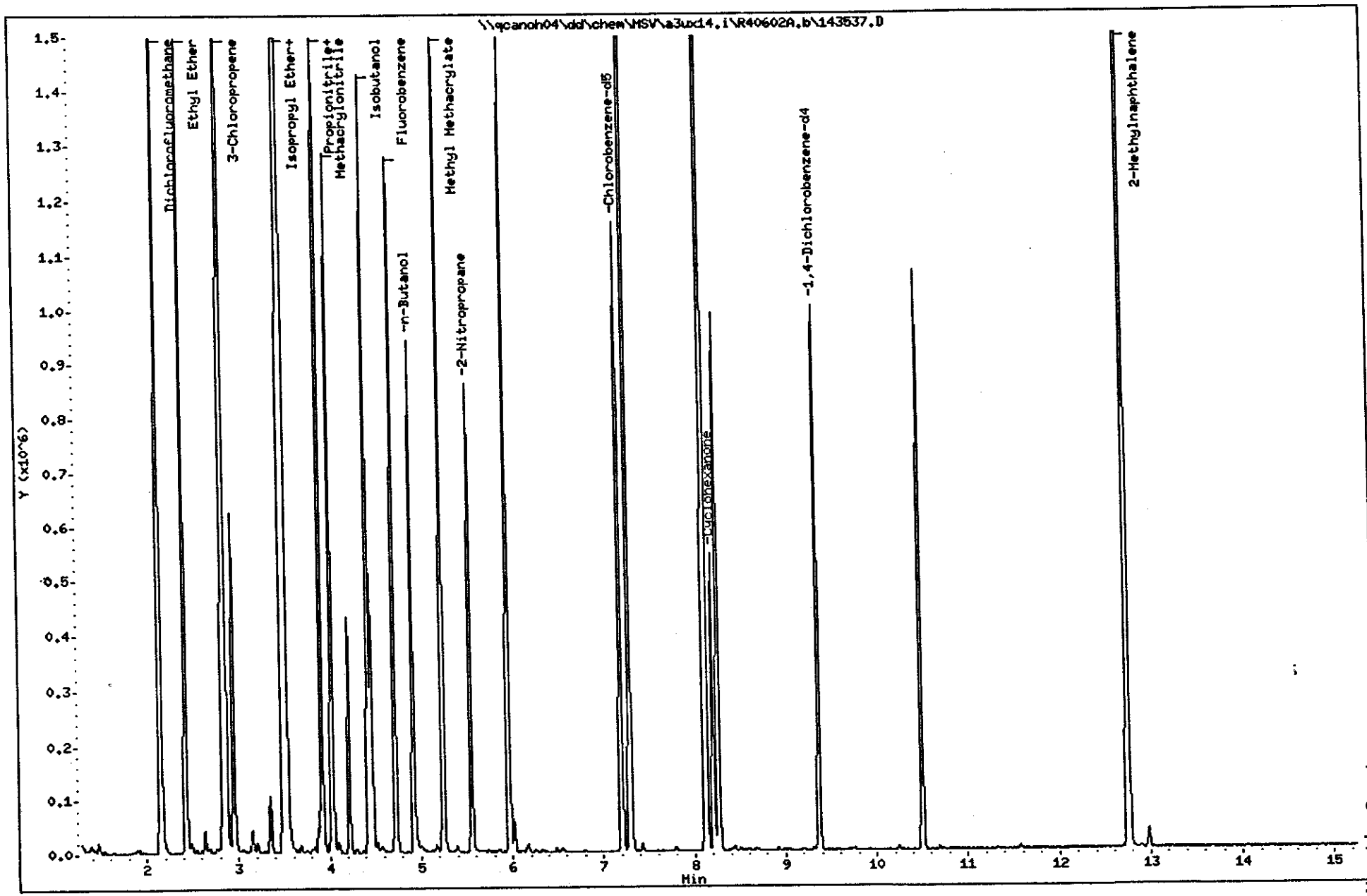
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	812721	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	460054	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	182367	250.000	
11 Bromomethane	94	1.911	1.911	(0.405)	14186	25.0000	24.240

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D
Date : 02-JUN-2004 10:39
Client ID:
Sample Info: 1000NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



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Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D
Report Date: 02-Jun-2004 12:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D
Lab Smp Id: 1000NG-A9IC
Inj Date : 02-JUN-2004 10:39
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 1000NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:22 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 10:39 Cal File: 143537.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	844925	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	487783	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	209764	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	2035974	1000.00	1000.0
89 Ethyl Ether	59	2.422	2.422	(0.513)	782520	1000.00	1000.0
91 3-Chloropropene	76	2.860	2.860	(0.606)	558058	1000.00	1000.0
92 Isopropyl Ether	87	3.505	3.505	(0.742)	4078355	5000.00	5000.0(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	1782021	1000.00	1000.0
94 Propionitrile	54	3.919	3.919	(0.830)	217335	2000.00	2000.0(A)
95 Ethyl Acetate	43	3.919	3.919	(0.830)	1526941	2000.00	2000.0(A)
96 Methacrylonitrile	41	4.028	4.028	(0.853)	494382	1000.00	1000.0(A)
97 Isobutanol	41	4.436	4.436	(0.616)	513690	20000.0	20000(A)
99 n-Butanol	56	4.923	4.923	(0.684)	424655	20000.0	20000(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	758709	1000.00	1000.0
101 2-Nitropropane	41	5.555	5.555	(1.176)	433385	2000.00	2000.0(A)
103 Cyclohexanone	55	8.208	8.208	(0.876)	210468	10000.0	10000
146 2-Methylnaphthalene	142	12.752	12.752	(1.361)	2038407	2000.00	2000.0(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143537.D
Report Date: 02-Jun-2004 12:22

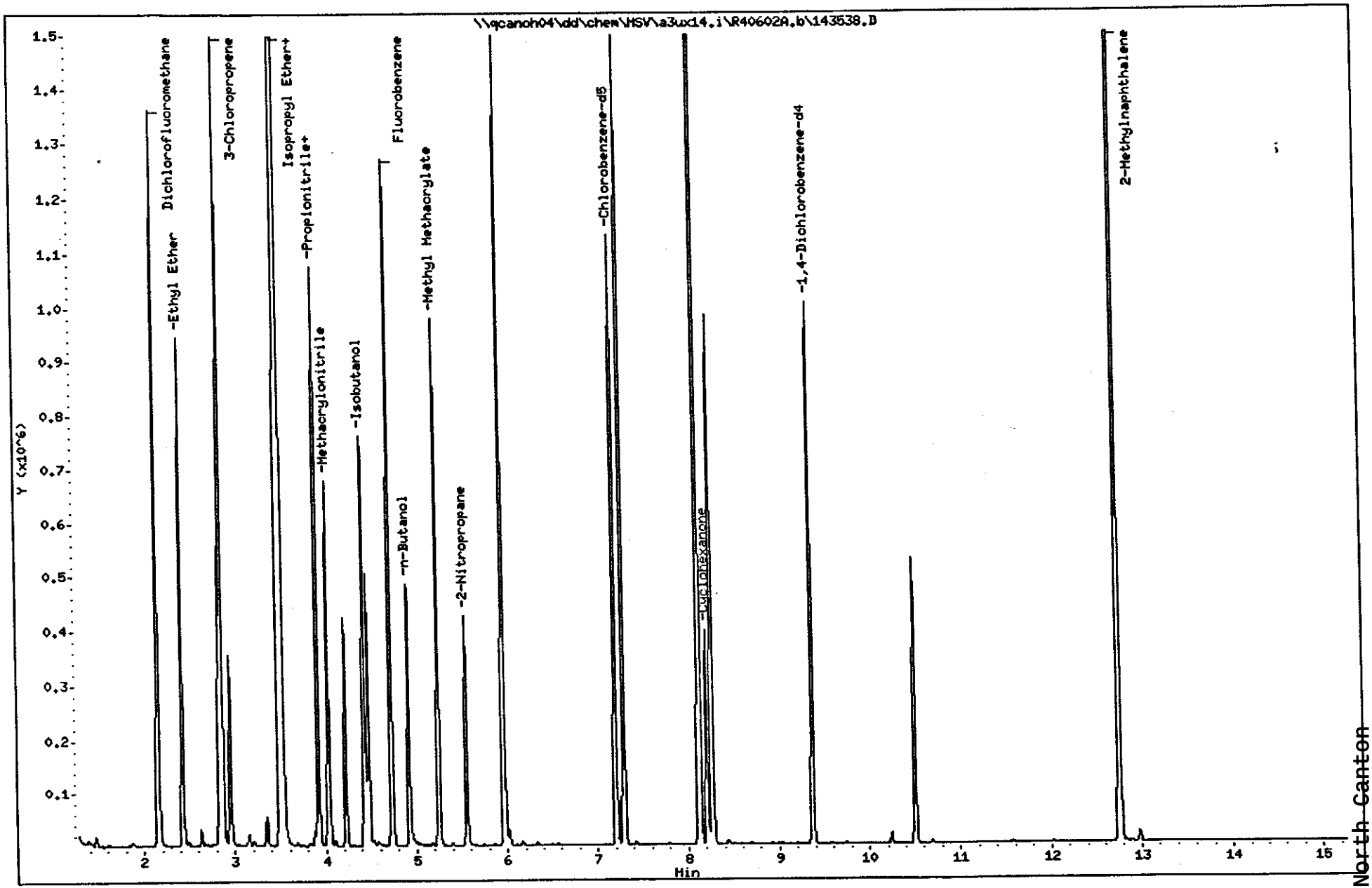
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Date : 02-JUN-2004 11:04
Client ID:
Sample Info: 500NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Report Date: 02-Jun-2004 12:23

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Lab Smp Id: 500NG-A9IC
Inj Date : 02-JUN-2004 11:04
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 500NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:22 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 11:04 Cal File: 143538.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	843617	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	488157	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	206376	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	1005855	500.000	497.39
89 Ethyl Ether	59	2.422	2.422	(0.513)	395902	500.000	503.34
91 3-Chloropropene	76	2.860	2.860	(0.606)	276575	500.000	498.18
92 Isopropyl Ether	87	3.505	3.505	(0.742)	2175122	2500.00	2582.6(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	926770	500.000	510.22
94 Propionitrile	54	3.919	3.919	(0.830)	116322	1000.00	1034.8(A)
95 Ethyl Acetate	43	3.913	3.913	(0.829)	824826	1000.00	1039.4(A)
96 Methacrylonitrile	41	4.028	4.028	(0.853)	258419	500.000	511.49
97 Isobutanol	41	4.424	4.424	(0.614)	272995	10000.0	10301(A)
99 n-Butanol	56	4.923	4.923	(0.683)	229937	10000.0	10394(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	387286	500.000	505.56
101 2-Nitropropane	41	5.555	5.555	(1.176)	212452	1000.00	990.89
103 Cyclohexanone	55	8.208	8.208	(0.876)	149918	5000.00	5915.0
146 2-Methylnaphthalene	142	12.752	12.752	(1.361)	1278146	1000.00	1120.7(A)

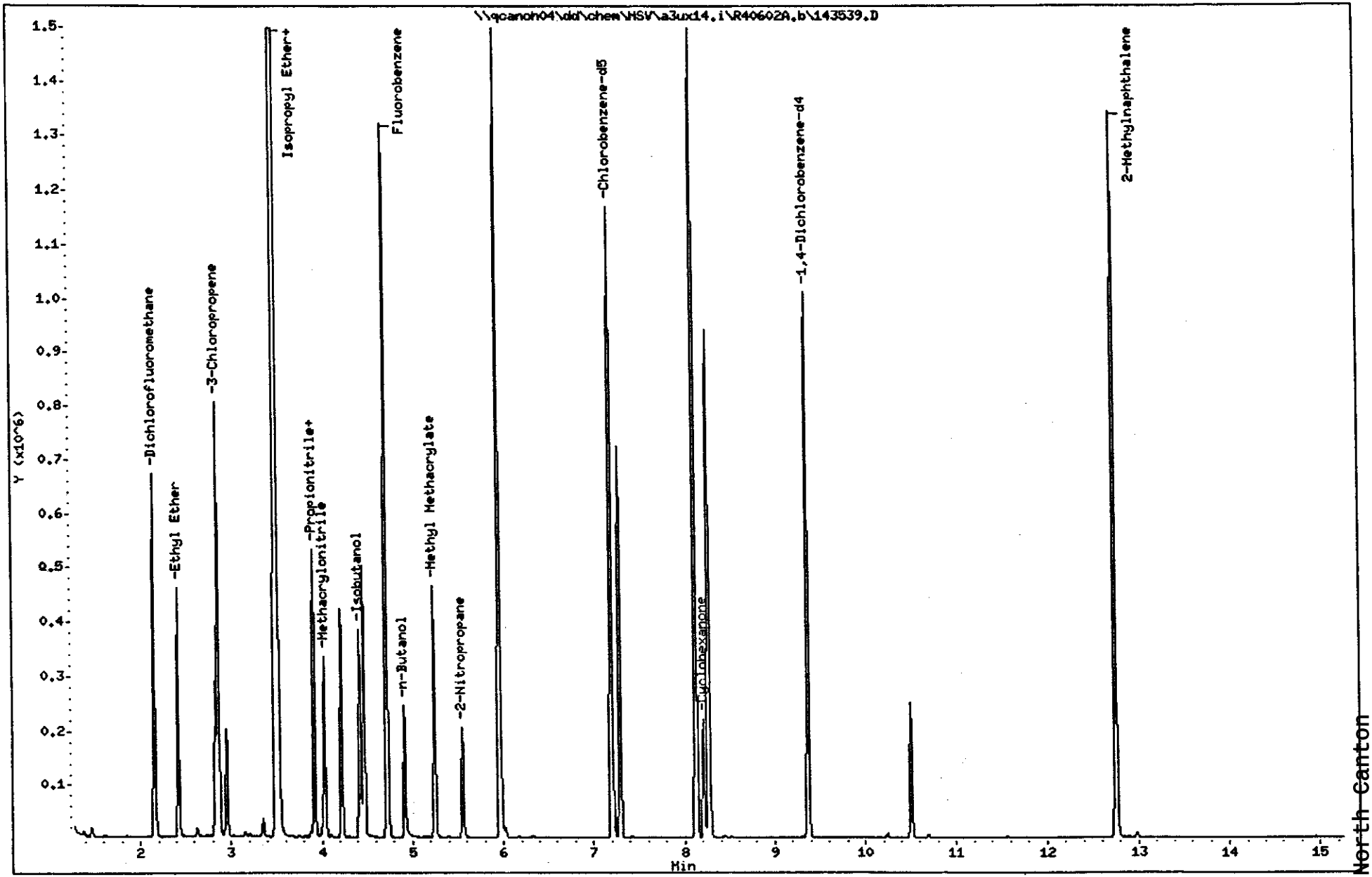
Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143538.D
Report Date: 02-Jun-2004 12:23

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40602A.b\143539.D
Date : 02-JUN-2004 11:28
Client ID:
Sample Info: 250NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143539.D
Report Date: 02-Jun-2004 12:23

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143539.D
Lab Smp Id: 250NG-A9IC
Inj Date : 02-JUN-2004 11:28
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:23 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 11:28 Cal File: 143539.D
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	873505	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	502733	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	209195	250.000	
14 Dichlorofluoromethane	67	2.154	2.154	(0.456)	492006	250.000	239.77
89 Ethyl Ether	59	2.422	2.422	(0.513)	190704	250.000	239.21
91 3-Chloropropene	76	2.860	2.860	(0.606)	131371	250.000	235.27
92 Isopropyl Ether	87	3.499	3.499	(0.741)	1072211	1250.00	1236.3(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	454963	250.000	244.54
94 Propionitrile	54	3.913	3.913	(0.829)	59161	500.000	505.49
95 Ethyl Acetate	43	3.913	3.913	(0.829)	406065	500.000	496.11
96 Methacrylonitrile	41	4.028	4.028	(0.853)	123877	250.000	241.04
97 Isobutanol	41	4.424	4.424	(0.614)	137878	5000.00	5034.4(A)
99 n-Butanol	56	4.916	4.916	(0.682)	107847	5000.00	4819.4(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	185424	250.000	238.94
101 2-Nitropropane	41	5.555	5.555	(1.176)	101590	500.000	470.92
103 Cyclohexanone	55	8.208	8.208	(0.876)	84396	2500.00	2973.7
146 2-Methylnaphthalene	142	12.752	12.752	(1.361)	597629	500.000	511.19

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143539.D
Report Date: 02-Jun-2004 12:23

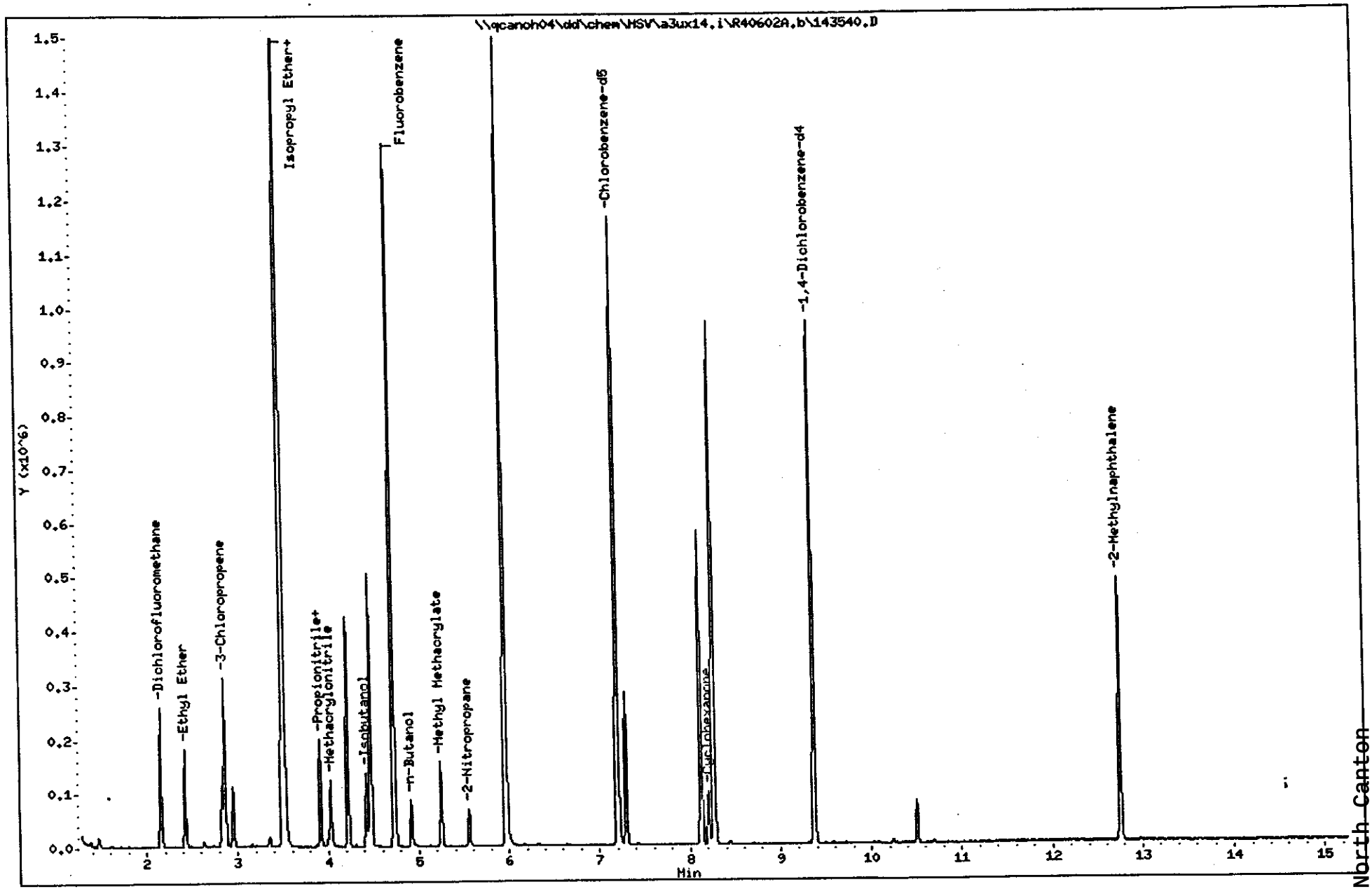
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40602A.b\143540.D
Date : 02-JUN-2004 11:53
Client ID:
Sample Info: 100NC-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143540.D
Report Date: 02-Jun-2004 12:24

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143540.D
Lab Smp Id: 100NG-A9IC
Inj Date : 02-JUN-2004 11:53
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 100NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:24 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 11:53 Cal File: 143540.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	866174	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	504095	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	204625	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	187135	100.000	93.854
89 Ethyl Ether	59	2.422	2.422	(0.513)	73255	100.000	94.396
91 3-Chloropropene	76	2.866	2.866	(0.607)	50181	100.000	92.802
92 Isopropyl Ether	87	3.499	3.499	(0.741)	427416	500.000	497.73
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	175714	100.000	96.392
94 Propionitrile	54	3.919	3.919	(0.830)	22069	200.000	192.53
95 Ethyl Acetate	43	3.913	3.913	(0.829)	156466	200.000	194.54
96 Methacrylonitrile	41	4.028	4.028	(0.853)	45041	100.000	91.027
97 Isobutanol	41	4.424	4.424	(0.615)	50660	2000.00	1881.3(A)
99 n-Butanol	56	4.917	4.917	(0.683)	36559	2000.00	1708.5(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	64461	100.000	87.311
101 2-Nitropropane	41	5.555	5.555	(1.176)	35050	200.000	171.60
103 Cyclohexanone	55	8.208	8.208	(0.876)	37549	1000.00	1243.0
146 2-Methylnaphthalene	142	12.752	12.752	(1.361)	201722	200.000	181.76

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143540.D
Report Date: 02-Jun-2004 12:24

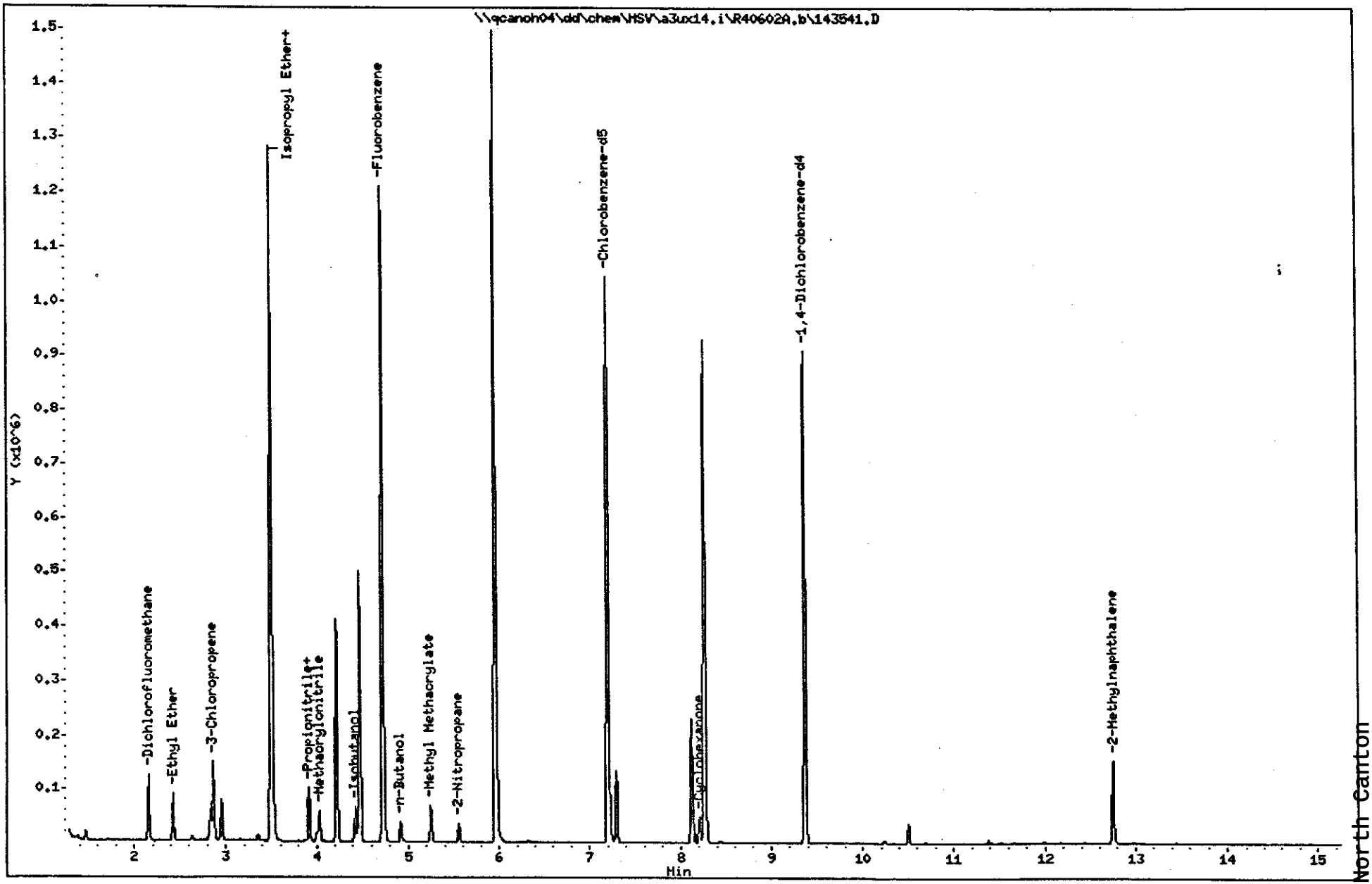
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40602A.b\143541.D
Date : 02-JUN-2004 12:17
Client ID:
Sample Info: 50NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143541.D
Report Date: 02-Jun-2004 12:25

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143541.D
Lab Smp Id: 50NG-A9IC
Inj Date : 02-JUN-2004 12:17 Inst ID: a3ux14.i
Operator : 2807
Smp Info : 50NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:24 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:17 Cal File: 143541.D
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

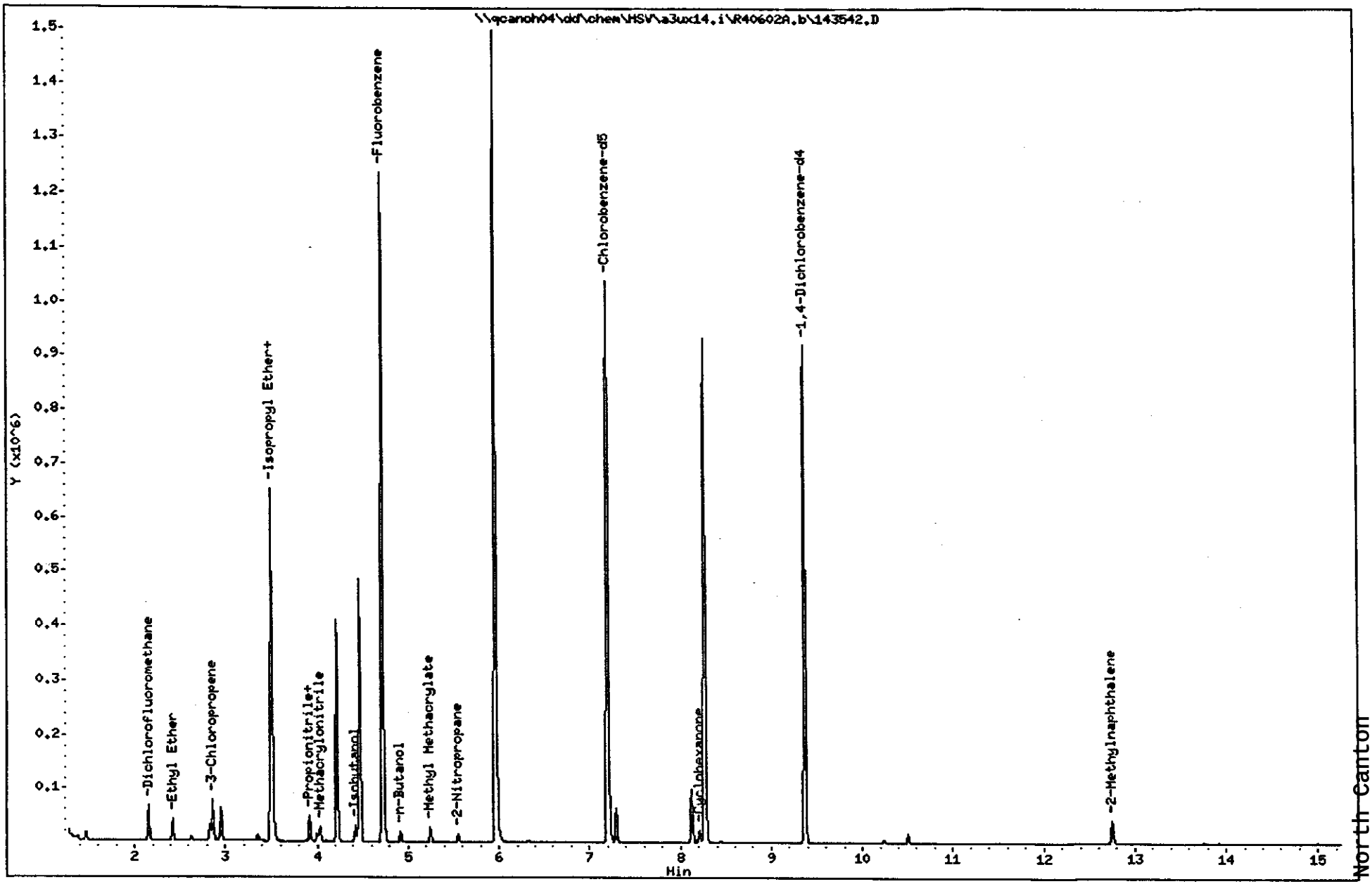
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	800040	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	461668	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	186706	250.000	
14 Dichlorofluoromethane	67	2.154	2.154	(0.456)	93402	50.0000	50.572
89 Ethyl Ether	59	2.422	2.422	(0.513)	35654	50.0000	49.793
91 3-Chloropropene	76	2.860	2.860	(0.606)	23773	50.0000	48.060
92 Isopropyl Ether	87	3.499	3.499	(0.741)	204258	250.000	255.98
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	85376	50.0000	50.564
94 Propionitrile	54	3.919	3.919	(0.830)	10702	100.000	100.86
95 Ethyl Acetate	43	3.913	3.913	(0.829)	79106	100.000	105.12
96 Methacrylonitrile	41	4.028	4.028	(0.853)	22569	50.0000	49.504
97 Isobutanol	41	4.424	4.424	(0.614)	23985	1000.00	977.91
99 n-Butanol	56	4.916	4.916	(0.682)	16664	1000.00	876.55
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	29331	50.0000	44.249
101 2-Nitropropane	41	5.555	5.555	(1.176)	17250	100.000	93.030
103 Cyclohexanone	55	8.208	8.208	(0.876)	19691	500.000	657.98
146 2-Methylnaphthalene	142	12.758	12.758	(1.362)	72259	100.000	75.693

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40602A.b\143542.D
Date : 02-JUN-2004 12:41
Client ID:
Sample Info: 25NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143542.D
Report Date: 02-Jun-2004 12:25

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\143542.D
Lab Smp Id: 25NG-A9IC
Inj Date : 02-JUN-2004 12:41
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 25NG-A9IC
Misc Info : R40602A,8260SUX14,3-IX.SUB,2807,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\8260SUX14.m
Meth Date : 02-Jun-2004 12:25 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	800897	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	463068	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	187572	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	48194	25.0000	25.882
89 Ethyl Ether	59	2.422	2.422	(0.513)	17534	25.0000	24.549
91 3-Chloropropene	76	2.866	2.866	(0.607)	12180	25.0000	24.663
92 Isopropyl Ether	87	3.499	3.499	(0.741)	103652	125.000	128.94
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	42658	25.0000	25.197
94 Propionitrile	54	3.913	3.913	(0.829)	5431	50.0000	50.939
95 Ethyl Acetate	43	3.913	3.913	(0.829)	37875	50.0000	50.230
96 Methacrylonitrile	41	4.028	4.028	(0.853)	10700	25.0000	23.690
97 Isobutanol	41	4.424	4.424	(0.614)	10665	500.000	443.34
99 n-Butanol	56	4.917	4.917	(0.683)	7352	500.000	400.85
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	12914	25.0000	20.208
101 2-Nitropropane	41	5.555	5.555	(1.176)	7671	50.0000	42.556
103 Cyclohexanone	55	8.208	8.208	(0.876)	8166	250.000	267.75
146 2-Methylnaphthalene	142	12.752	12.752	(1.361)	22758	50.0000	26.007

Report Date: 19-Jun-2004 12:54

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

19-JUN-2004 13:05	1-8260	143834.D
19-JUN-2004 13:29	3-IX	143835.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22899	0.010	7.1	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.35554	0.010	7.3	50.0
$	6 Toluene-d8	1.71864	1.94158	0.010	13.0	50.0
$	7 Bromofluorobenzene	0.63176	0.70314	0.010	11.3	50.0
	8 Dichlorodifluoromethane	0.34700	0.35676	0.010	2.8	50.0
	9 Chloromethane	0.41068	0.39191	0.100	-4.6	50.0
	10 Vinyl Chloride	0.38963	0.40716	0.010	4.5	20.0
	12 Chloroethane	0.24358	0.26169	0.010	7.4	50.0
	13 Trichlorofluoromethane	0.42859	0.44194	0.010	3.1	50.0
	15 Acrolein	0.04125	0.02551	0.010	-38.2	50.0
	16 Acetone	0.14987	0.08861	0.010	-40.9	50.0
	17 1,1-Dichloroethene	0.22692	0.25113	0.010	10.7	20.0
	18 Freon-113	0.13584	0.15355	0.010	13.0	50.0
	19 Iodomethane	250	262	0.010	-4.8	50.0
	20 Carbon Disulfide	0.89501	1.01470	0.010	13.4	50.0
	21 Methylene Chloride	0.30188	0.31460	0.010	4.2	50.0
	22 Acetonitrile	0.03093	0.02877	0.010	-7.0	50.0
	23 Acrylonitrile	0.09335	0.08858	0.010	-5.1	50.0
	24 Methyl tert-butyl ether	0.93522	0.85345	0.010	-8.7	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28844	0.010	11.1	50.0
	26 Hexane	0.08280	0.08853	0.010	6.9	20.0
	27 Vinyl acetate	0.57722	0.35955	0.010	-37.7	50.0
	28 1,1-Dichloroethane	0.60330	0.62490	0.100	3.6	50.0
	29 tert-Butyl Alcohol	0.02626	0.02376	0.010	-9.5	50.0
	30 2-Butanone	0.18347	0.14230	0.010	-22.4	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.30055	0.010	9.3	50.0
	32 cis-1,2-dichloroethene	0.29033	0.31267	0.010	7.7	50.0
	33 2,2-Dichloropropane	0.47405	0.48723	0.010	2.8	50.0
	34 Bromochloromethane	0.09701	0.10387	0.010	7.1	50.0
	35 Chloroform	0.52703	0.56384	0.010	7.0	20.0
	36 Tetrahydrofuran	0.07485	0.08549	0.010	14.2	50.0
	37 1,1,1-Trichloroethane	0.47421	0.49553	0.010	4.5	50.0
	38 1,1-Dichloropropene	0.45609	0.49303	0.010	8.1	50.0
	39 Carbon Tetrachloride	0.35390	0.37733	0.010	6.6	50.0
	40 1,2-Dichloroethane	0.43001	0.45239	0.010	5.2	50.0
	41 Benzene	1.26642	1.38555	0.010	9.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.23798	0.010	3.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.36117	0.010	11.0	20.0	
	44 1,4-Dioxane	0.00244	0.00208	0.010	-14.7	50.0	<-
	45 Dibromomethane	0.13867	0.15223	0.010	9.8	50.0	
	46 Bromodichloromethane	0.37148	0.40638	0.010	9.4	50.0	
	47 2-Chloroethyl vinyl ether	500	1283	0.010	-156.6	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.51856	0.010	10.8	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.28867	0.010	1.8	50.0	
	50 Toluene	2.24247	2.46405	0.010	9.9	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.77753	0.010	10.2	50.0	
	52 Ethyl Methacrylate	250	245	0.010	2.0	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.40482	0.010	10.1	50.0	
	54 1,3-Dichloropropane	0.74981	0.83417	0.010	11.3	50.0	
	55 Tetrachloroethene	0.32042	0.34971	0.010	9.1	50.0	
	56 2-Hexanone	0.46207	0.34792	0.010	-24.7	50.0	
	57 Dibromochloromethane	0.30945	0.34532	0.010	11.6	50.0	
	58 1,2-Dibromoethane	0.32369	0.35274	0.010	9.0	50.0	
	59 Chlorobenzene	1.21534	1.29026	0.300	6.2	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.37913	0.010	8.6	50.0	
	61 Ethylbenzene	0.69698	0.78720	0.010	12.9	20.0	
	62 m + p-Xylene	0.86164	0.98395	0.010	14.2	50.0	
M	63 Xylenes (total)	0.83907	0.95878	0.010	14.3	50.0	
	64 Xylene-o	0.79393	0.90845	0.010	14.4	50.0	
	65 Styrene	1.29266	1.56068	0.010	20.7	50.0	
	66 Bromoform	250	271	0.100	-8.4	50.0	
	67 Isopropylbenzene	250	271	0.010	-8.4	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	1.01376	0.300	0.5	50.0	
	69 1,4-Dichloro-2-butene	250	256	0.010	-2.4	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.29697	0.010	2.1	50.0	
	71 Bromobenzene	0.83926	0.84545	0.010	0.7	50.0	
	72 n-Propylbenzene	1.09797	1.20863	0.010	10.1	50.0	
	73 2-Chlorotoluene	0.86679	0.88904	0.010	2.6	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	4.15674	0.010	9.1	50.0	
	75 4-Chlorotoluene	0.87805	0.90389	0.010	2.9	50.0	
	76 tert-Butylbenzene	2.98596	3.21183	0.010	7.6	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	4.16833	0.010	9.6	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

			MIN		MAX
COMPOUND	RRF	RF250	RRF	%D	%D
78 sec-Butylbenzene	4.79406	5.48806	0.010	14.5	50.0
79 4-Isopropyltoluene	3.43070	3.97389	0.010	15.8	50.0
80 1,3-Dichlorobenzene	1.70146	1.75814	0.010	3.3	50.0
81 1,4-Dichlorobenzene	1.71400	1.78349	0.010	4.1	50.0
82 n-Butylbenzene	250	283	0.010	-13.2	50.0
83 1,2-Dichlorobenzene	1.57840	1.64925	0.010	4.5	50.0
84 1,2-Dibromo-3-chloropropane	250	223	0.010	11.0	50.0
85 1,2,4-Trichlorobenzene	0.90731	0.90191	0.010	-0.6	50.0
86 Hexachlorobutadiene	0.62800	0.65981	0.010	5.1	50.0
87 Naphthalene	250	188	0.010	24.7	50.0
88 1,2,3-Trichlorobenzene	0.92700	0.87068	0.010	-6.1	50.0
98 Cyclohexane	0.63636	0.71660	0.010	12.6	50.0
143 Methyl Acetate	0.18436	0.19379	0.010	5.1	50.0
144 Methylcyclohexane	0.59621	0.67337	0.010	12.9	50.0
141 1,3,5-Trichlorobenzene	1.10473	1.14652	0.010	3.8	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:36

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22899	0.010	7.1	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.35554	0.010	7.3	50.0
$	6 Toluene-d8	1.71864	1.94158	0.010	13.0	50.0
$	7 Bromofluorobenzene	0.63176	0.70314	0.010	11.3	50.0
	8 Dichlorodifluoromethane	0.34700	0.35676	0.010	2.8	50.0
	9 Chloromethane	0.41068	0.39191	0.100	-4.6	50.0
	10 Vinyl Chloride	0.38963	0.40716	0.010	4.5	20.0
	12 Chloroethane	0.24358	0.26169	0.010	7.4	50.0
	13 Trichlorofluoromethane	0.42859	0.44194	0.010	3.1	50.0
	15 Acrolein	0.04125	0.02551	0.010	-38.2	50.0
	16 Acetone	0.14987	0.08861	0.010	-40.9	50.0
	17 1,1-Dichloroethene	0.22692	0.25113	0.010	10.7	20.0
	18 Freon-113	0.13584	0.15355	0.010	13.0	50.0
	19 Iodomethane	250	262	0.010	-4.8	50.0
	20 Carbon Disulfide	0.89501	1.01470	0.010	13.4	50.0
	21 Methylene Chloride	0.30188	0.31460	0.010	4.2	50.0
	22 Acetonitrile	0.03093	0.02877	0.010	-7.0	50.0
	23 Acrylonitrile	0.09335	0.08858	0.010	-5.1	50.0
	24 Methyl tert-butyl ether	0.93522	0.85345	0.010	-8.7	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28844	0.010	11.1	50.0
	26 Hexane	0.08280	0.08853	0.010	6.9	20.0
	27 Vinyl acetate	0.57722	0.35955	0.010	-37.7	50.0
	28 1,1-Dichloroethane	0.60330	0.62490	0.100	3.6	50.0
	29 tert-Butyl Alcohol	0.02626	0.02376	0.010	-9.5	50.0
	30 2-Butanone	0.18347	0.14230	0.010	-22.4	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.30055	0.010	9.3	50.0
	32 cis-1,2-dichloroethene	0.29033	0.31267	0.010	7.7	50.0
	33 2,2-Dichloropropane	0.47405	0.48723	0.010	2.8	50.0
	34 Bromochloromethane	0.09701	0.10387	0.010	7.1	50.0
	35 Chloroform	0.52703	0.56384	0.010	7.0	20.0
	36 Tetrahydrofuran	0.07485	0.08549	0.010	14.2	50.0
	37 1,1,1-Trichloroethane	0.47421	0.49553	0.010	4.5	50.0
	38 1,1-Dichloropropene	0.45609	0.49303	0.010	8.1	50.0
	39 Carbon Tetrachloride	0.35390	0.37733	0.010	6.6	50.0
	40 1,2-Dichloroethane	0.43001	0.45239	0.010	5.2	50.0
	41 Benzene	1.26642	1.38555	0.010	9.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:36

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.23798	0.010	3.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.36117	0.010	11.0	20.0	
	44 1,4-Dioxane	0.00244	0.00208	0.010	-14.7	50.0	<-
	45 Dibromomethane	0.13867	0.15223	0.010	9.8	50.0	
	46 Bromodichloromethane	0.37148	0.40638	0.010	9.4	50.0	
	47 2-Chloroethyl vinyl ether	500	1283	0.010	-156.6	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.51856	0.010	10.8	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.28867	0.010	1.8	50.0	
	50 Toluene	2.24247	2.46405	0.010	9.9	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.77753	0.010	10.2	50.0	
	52 Ethyl Methacrylate	250	245	0.010	2.0	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.40482	0.010	10.1	50.0	
	54 1,3-Dichloropropane	0.74981	0.83417	0.010	11.3	50.0	
	55 Tetrachloroethene	0.32042	0.34971	0.010	9.1	50.0	
	56 2-Hexanone	0.46207	0.34792	0.010	-24.7	50.0	
	57 Dibromochloromethane	0.30945	0.34532	0.010	11.6	50.0	
	58 1,2-Dibromoethane	0.32369	0.35274	0.010	9.0	50.0	
	59 Chlorobenzene	1.21534	1.29026	0.300	6.2	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.37913	0.010	8.6	50.0	
	61 Ethylbenzene	0.69698	0.78720	0.010	12.9	20.0	
	62 m + p-Xylene	0.86164	0.98395	0.010	14.2	50.0	
M	63 Xylenes (total)	0.83907	0.95878	0.010	14.3	50.0	
	64 Xylene-o	0.79393	0.90845	0.010	14.4	50.0	
	65 Styrene	1.29266	1.56068	0.010	20.7	50.0	
	66 Bromoform	0.17655	0.20607	0.100	16.7	50.0	
	67 Isopropylbenzene	250	271	0.010	-8.4	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	1.01376	0.300	0.5	50.0	
	69 1,4-Dichloro-2-butene	250	256	0.010	-2.4	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.29697	0.010	2.1	50.0	
	71 Bromobenzene	0.83926	0.84545	0.010	0.7	50.0	
	72 n-Propylbenzene	1.09797	1.20863	0.010	10.1	50.0	
	73 2-Chlorotoluene	0.86679	0.88904	0.010	2.6	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	4.15674	0.010	9.1	50.0	
	75 4-Chlorotoluene	0.87805	0.90389	0.010	2.9	50.0	
	76 tert-Butylbenzene	2.98596	3.21183	0.010	7.6	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	4.16833	0.010	9.6	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:36

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

Injection Date: 19-JUN-2004 13:05
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	5.48806	0.010	14.5	50.0
79	4-Isopropyltoluene	3.43070	3.97389	0.010	15.8	50.0
80	1,3-Dichlorobenzene	1.70146	1.75814	0.010	3.3	50.0
81	1,4-Dichlorobenzene	1.71400	1.78349	0.010	4.1	50.0
82	n-Butylbenzene	250	283	0.010	-13.2	50.0
83	1,2-Dichlorobenzene	1.57840	1.64925	0.010	4.5	50.0
84	1,2-Dibromo-3-chloropropane	250	223	0.010	11.0	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.90191	0.010	-0.6	50.0
86	Hexachlorobutadiene	0.62800	0.65981	0.010	5.1	50.0
87	Naphthalene	250	188	0.010	24.7	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.87068	0.010	-6.1	50.0
98	Cyclohexane	0.63636	0.71660	0.010	12.6	50.0
143	Methyl Acetate	0.18436	0.19379	0.010	5.1	50.0
144	Methylcyclohexane	0.59621	0.67337	0.010	12.9	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.14652	0.010	3.8	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b/143834.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:05
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	cis-1,3-Dichloropropene	250.0000	276.9907	10.8	50.0
0	1,2-Dichloropropane	250.0000	277.5845	11.0	20.0
0	1,1-Dichloroethane	250.0000	258.9509	3.6	50.0
0	Xylenes (total)	750.0000	857.0365	14.3	50.0
0	trans-1,2-Dichloroethene	250.0000	277.8020	11.1	50.0
0	1,1,2,2-Tetrachloroethane	250.0000	251.3349	0.5	50.0
0	Bromoform	250.0000	271.0216	8.4	50.0
0	2-Hexanone	500.0000	376.4784	24.7	50.0
0	Chloromethane	250.0000	238.5723	4.6	50.0
0	Vinyl Chloride	250.0000	261.2465	4.5	20.0
0	Chloroethane	250.0000	268.5884	7.4	50.0
0	Xylene-o	250.0000	286.0615	14.4	50.0
0	4-Methyl-2-pentanone	500.0000	508.9097	1.8	50.0
0	Acetone	500.0000	295.6076	40.9	50.0
0	1,1-Dichloroethene	250.0000	276.6659	10.7	20.0
0	Bromodichloromethane	250.0000	273.4886	9.4	50.0
0	trans-1,3-Dichloropropene	250.0000	275.5857	10.2	50.0
0	Carbon Disulfide	250.0000	283.4331	13.4	50.0
0	Methylene Chloride	250.0000	260.5413	4.2	50.0
0	Toluene	250.0000	274.7026	9.9	20.0
0	Trichloroethene	250.0000	259.5573	3.8	50.0
0	Styrene	250.0000	301.8363	20.7	50.0
0	Benzene	250.0000	273.5164	9.4	50.0
0	Carbon Tetrachloride	250.0000	266.5528	6.6	50.0
0	1,2-Dichloroethane	250.0000	263.0153	5.2	50.0
0	1,1,2-Trichloroethane	250.0000	275.1931	10.1	50.0
0	Tetrachloroethene	250.0000	272.8523	9.1	50.0
0	2-Butanone	500.0000	387.8144	22.4	50.0
0	1,2-Dichloroethene (total)	500.0000	547.0384	9.4	50.0
0	cis-1,2-dichloroethene	250.0000	269.2364	7.7	50.0
0	m + p-Xylene	500.0000	570.9750	14.2	50.0
0	Ethylbenzene	250.0000	282.3635	12.9	20.0
0	Chloroform	250.0000	267.4599	7.0	20.0
0	Chlorobenzene	250.0000	265.4125	6.2	50.0
0	1,1,1-Trichloroethane	250.0000	261.2438	4.5	50.0
0	Dibromochloromethane	250.0000	278.9810	11.6	50.0
38	Dichlorodifluoromethane	250.0000	257.0322	2.8	50.0
39	Trichlorofluoromethane	250.0000	257.7850	3.1	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b/143834.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:05
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Acrolein	2500.0000	1546.2053	38.2	50.0	
41 Acrylonitrile	2500.0000	2372.1881	5.1	50.0	
42 Vinyl acetate	250.0000	155.7246	37.7	50.0	
43 2-Chloroethyl vinyl ether	500.0000	1282.8852	156.6	50.0	<-
47 Freon-113	250.0000	282.6059	13.0	50.0	
48 1,3-Dichlorobenzene	250.0000	258.3288	3.3	50.0	
49 1,4-Dichlorobenzene	250.0000	260.1368	4.1	50.0	
50 1,2-Dichlorobenzene	250.0000	261.2208	4.5	50.0	
51 Acetonitrile	2500.0000	2325.5078	7.0	50.0	
52 Iodomethane	250.0000	262.1053	4.8	50.0	
59 1,4-Dioxane	12500.0000	10667.4170	14.7	50.0	
60 Dibromomethane	250.0000	274.4611	9.8	50.0	
62 Ethyl Methacrylate	250.0000	244.8885	2.0	50.0	
63 1,2-Dibromoethane	250.0000	272.4350	9.0	50.0	
64 1,1,1,2-Tetrachloroethane	250.0000	271.3889	8.6	50.0	
65 1,2,3-Trichloropropane	250.0000	255.2993	2.1	50.0	
66 1,4-Dichloro-2-butene	250.0000	255.9656	2.4	50.0	
69 1,2-Dibromo-3-chloropropane	250.0000	222.5401	11.0	50.0	
82 Methyl tert-butyl ether	250.0000	228.1410	8.7	50.0	
84 Tetrahydrofuran	250.0000	285.5470	14.2	50.0	
98 2,2-Dichloropropane	250.0000	256.9514	2.8	50.0	
99 1,1-Dichloropropene	250.0000	270.2488	8.1	50.0	
100 1,3-Dichloropropane	250.0000	278.1276	11.3	50.0	
102 Bromobenzene	250.0000	251.8438	0.7	50.0	
103 2-Chlorotoluene	250.0000	256.4189	2.6	50.0	
104 n-Propylbenzene	250.0000	275.1952	10.1	50.0	
105 4-Chlorotoluene	250.0000	257.3560	2.9	50.0	
106 1,3,5-Trimethylbenzene	250.0000	272.6368	9.1	50.0	
107 tert-Butylbenzene	250.0000	268.9113	7.6	50.0	
108 1,2,4-Trimethylbenzene	250.0000	274.0063	9.6	50.0	
109 sec-Butylbenzene	250.0000	286.1911	14.5	50.0	
110 4-Isopropyltoluene	250.0000	289.5830	15.8	50.0	
111 n-Butylbenzene	250.0000	282.8854	13.2	50.0	
112 1,2,4-Trichlorobenzene	250.0000	248.5136	0.6	50.0	
113 Naphthalene	250.0000	188.1645	24.7	50.0	
114 Hexachlorobutadiene	250.0000	262.6638	5.1	50.0	
115 1,2,3-Trichlorobenzene	250.0000	234.8110	6.1	50.0	
124 tert-Butyl Alcohol	5000.0000	4523.4984	9.5	50.0	
125 Hexane	250.0000	267.3097	6.9	20.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b/143834.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143834.D
Analysis Type: SOIL

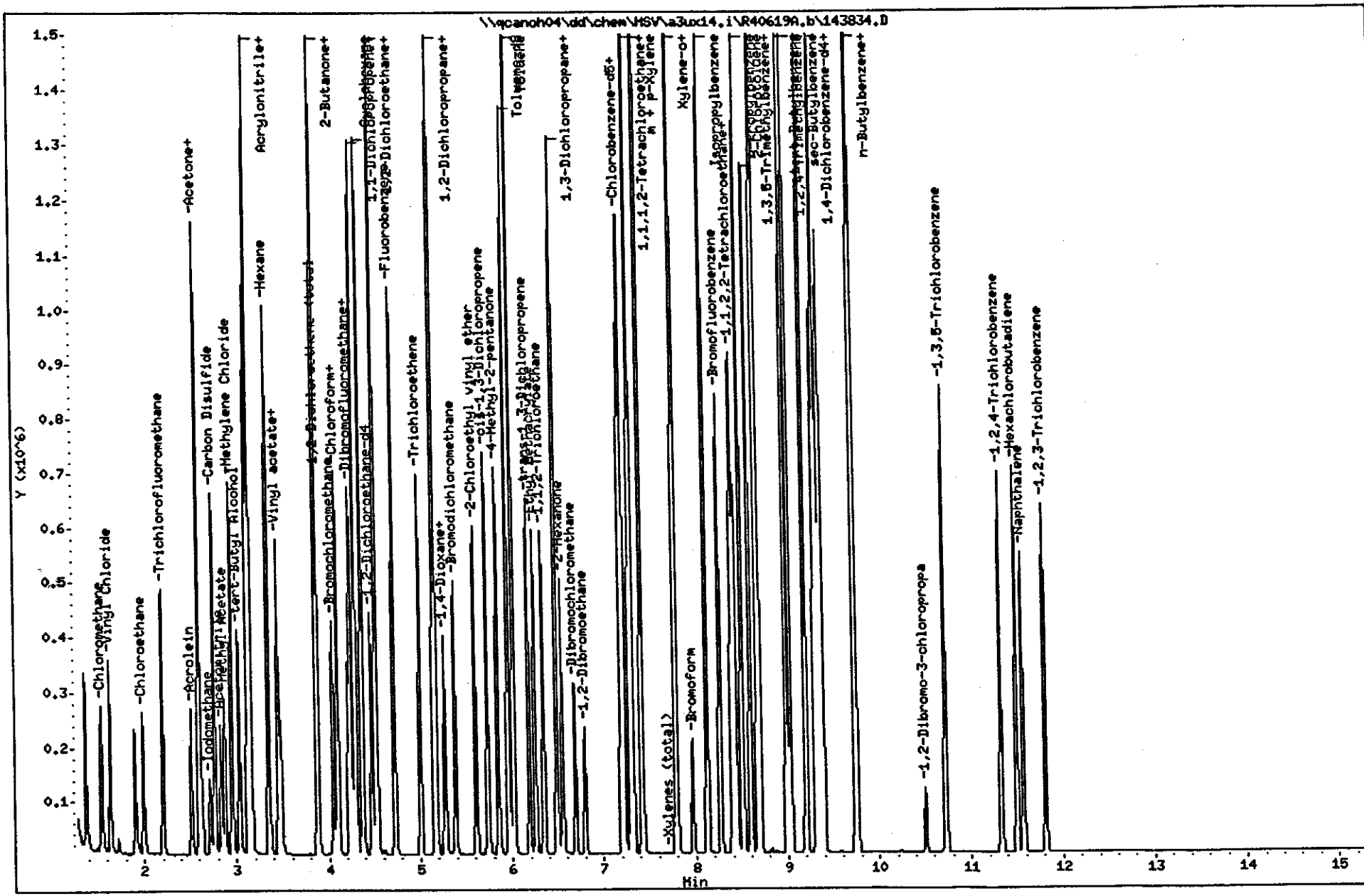
Injection Date: 19-JUN-2004 13:05
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
127 Cyclohexane	250.0000	281.5236	12.6	50.0
128 Isopropylbenzene	250.0000	271.0461	8.4	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	267.6823	7.1	50.0
141 1,3,5-Trichlorobenzene	250.0000	259.4580	3.8	50.0
143 Methyl Acetate	500.0000	525.5557	5.1	50.0
144 Methylcyclohexane	250.0000	282.3511	12.9	50.0
22 Toluene-d8	250.0000	282.4300	13.0	50.0
32 Bromofluorobenzene	250.0000	278.2439	11.3	50.0
47 1,2-Dichloroethane-d4	250.0000	268.1706	7.3	50.0
131 Dibromofluoromethane	250.0000	267.8080	7.1	50.0

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40619A.b\143834.D
Date : 19-JUN-2004 13:05
Client ID:
Sample Info: 250NG-CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Lab Smp Id: 250NG-CC
Inj Date : 19-JUN-2004 13:05
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-CC
Misc Info : R40619A,8260SUX14,1-8260.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 19-Jun-2004 12:37 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	660600	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	381489	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	192645	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	151272	250.000	267.81
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	234868	250.000	268.17
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	740692	250.000	282.43
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.149)	268239	250.000	278.24
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	235677	250.000	257.03
9 Chloromethane	50	1.534	1.534	(0.325)	258894	250.000	238.57
10 Vinyl Chloride	62	1.631	1.631	(0.346)	268969	250.000	261.25
12 Chloroethane	64	1.990	1.990	(0.422)	172872	250.000	268.59
13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	291946	250.000	257.78
15 Acrolein	56	2.520	2.520	(0.534)	168530	2500.00	1546.2
16 Acetone	43	2.629	2.629	(0.557)	117067	500.000	295.61
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	165896	250.000	276.66
18 Freon-113	151	2.599	2.599	(0.550)	101437	250.000	282.60
19 Iodomethane	142	2.714	2.714	(0.575)	116672	250.000	262.10

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	670311	250.000	283.43
	21 Methylene Chloride	84	2.951	2.951	(0.625)	207828	250.000	260.54
	22 Acetonitrile	41	2.830	2.830	(0.599)	190032	2500.00	2325.5
	23 Acrylonitrile	53	3.122	3.122	(0.661)	585154	2500.00	2372.2
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	563790	250.000	228.14
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	190543	250.000	277.80
	26 Hexane	86	3.353	3.353	(0.710)	58483	250.000	267.31
	27 Vinyl acetate	43	3.481	3.481	(0.737)	237518	250.000	155.72
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	412812	250.000	258.95
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	313929	5000.00	4523.5
	30 2-Butanone	43	3.876	3.876	(0.821)	188008	500.000	387.81
M	31 1,2-Dichloroethene (total)	96				397091	500.000	547.04
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	206548	250.000	269.24
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	321867	250.000	256.95
	34 Bromochloromethane	128	4.053	4.053	(0.858)	68619	250.000	267.68
	35 Chloroform	83	4.101	4.101	(0.869)	372472	250.000	267.46
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	56477	250.000	285.55
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	327350	250.000	261.24
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	325696	250.000	270.25
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	249266	250.000	266.55
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	298851	250.000	263.02
	41 Benzene	78	4.521	4.521	(0.957)	915294	250.000	273.52
	42 Trichloroethene	130	5.008	5.008	(1.061)	157210	250.000	259.56
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	238590	250.000	277.58
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	68836	12500.0	10667
	45 Dibromomethane	93	5.269	5.269	(1.116)	100565	250.000	274.46
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	268454	250.000	273.49
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	198776	500.000	1282.9
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	342560	250.000	276.99
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	381387	500.000	508.91
	50 Toluene	91	6.018	6.018	(0.836)	940008	250.000	274.70
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	296621	250.000	275.58
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	239909	250.000	244.89
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	154434	250.000	275.19
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	318227	250.000	278.13
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	133411	250.000	272.85
	56 2-Hexanone	43	6.547	6.547	(0.910)	265455	500.000	376.48
	57 Dibromochloromethane	129	6.693	6.693	(0.930)	131736	250.000	278.98
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	134565	250.000	272.44
	59 Chlorobenzene	112	7.228	7.228	(1.004)	492221	250.000	265.41
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	144634	250.000	271.39
	61 Ethylbenzene	106	7.319	7.319	(1.017)	300309	250.000	282.36
	62 m + p-Xylene	106	7.423	7.423	(1.031)	750729	500.000	570.97
M	63 Xylenes (total)	106				1097291	750.000	857.04
	64 Xylene-o	106	7.788	7.788	(1.082)	346562	250.000	286.06
	65 Styrene	104	7.794	7.794	(1.083)	595384	250.000	301.84
	66 Bromoform	173	7.970	7.970	(1.107)	78614	250.000	271.02

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143834.D
Report Date: 19-Jun-2004 12:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.128)	895079	250.000	271.05
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	195295	250.000	251.33
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	70140	250.000	255.96
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	57209	250.000	255.30
71 Bromobenzene	156	8.415	8.415	(0.898)	162871	250.000	251.84
72 n-Propylbenzene	120	8.506	8.506	(0.908)	232836	250.000	275.20
73 2-Chlorotoluene	126	8.591	8.591	(0.917)	171270	250.000	256.42
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	800776	250.000	272.64
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	174129	250.000	257.36
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	618743	250.000	268.91
77 1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	803008	250.000	274.01
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	1057248	250.000	286.19
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	765551	250.000	289.58
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	338697	250.000	258.33
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	343581	250.000	260.14
82 n-Butylbenzene	91	9.735	9.735	(1.039)	843420	250.000	282.88
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	317719	250.000	261.22
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	21333	250.000	222.54
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	173749	250.000	248.51
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	127110	250.000	262.66
87 Naphthalene	128	11.572	11.572	(1.235)	352595	250.000	188.16
88 1,2,3-Trichlorobenzene	180	11.815	11.815	(1.261)	167732	250.000	234.81
98 Cyclohexane	56	4.296	4.296	(0.910)	473386	250.000	281.52
143 Methyl Acetate	43	2.872	2.872	(0.608)	256032	500.000	525.56
144 Methylcyclohexane	83	5.160	5.160	(1.093)	444826	250.000	282.35
141 1,3,5-Trichlorobenzene	180	10.726	10.726	(1.145)	220872	250.000	259.46

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143835.D
Report Date: 19-Jun-2004 12:52

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 19-JUN-2004 13:29
Lab File ID: 143835.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-A9CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
14	Dichlorofluoromethane	0.58124	0.68896	0.010	18.5	50.0	
89	Ethyl Ether	0.22295	0.27225	0.010	22.1	50.0	
91	3-Chloropropene	0.15415	0.18035	0.010	17.0	50.0	
92	Isopropyl Ether	0.25092	0.27802	0.010	10.8	50.0	
93	2-Chloro-1,3-butadiene	0.52846	0.60893	0.010	15.2	50.0	
94	Propionitrile	0.03328	0.04312	0.010	29.6	50.0	
95	Ethyl Acetate	0.23537	0.29886	0.010	27.0	50.0	
96	Methacrylonitrile	0.14098	0.18011	0.010	27.8	50.0	
97	Isobutanol	0.01299	0.01726	0.010	32.9	50.0	
99	n-Butanol	0.00990	0.01162	0.010	17.4	50.0	<-
100	Methyl Methacrylate	0.19948	0.24705	0.010	23.8	50.0	
101	2-Nitropropane	0.05627	0.07310	0.010	29.9	50.0	
103	Cyclohexanone	2500	1957	0.010	21.7	50.0	
146	2-Methylnaphthalene	500	166	0.010	66.8	50.0	<-
11	Bromomethane	0.18002	0.19126	0.010	6.2	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b/143835.D
Report Date: 06/19/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

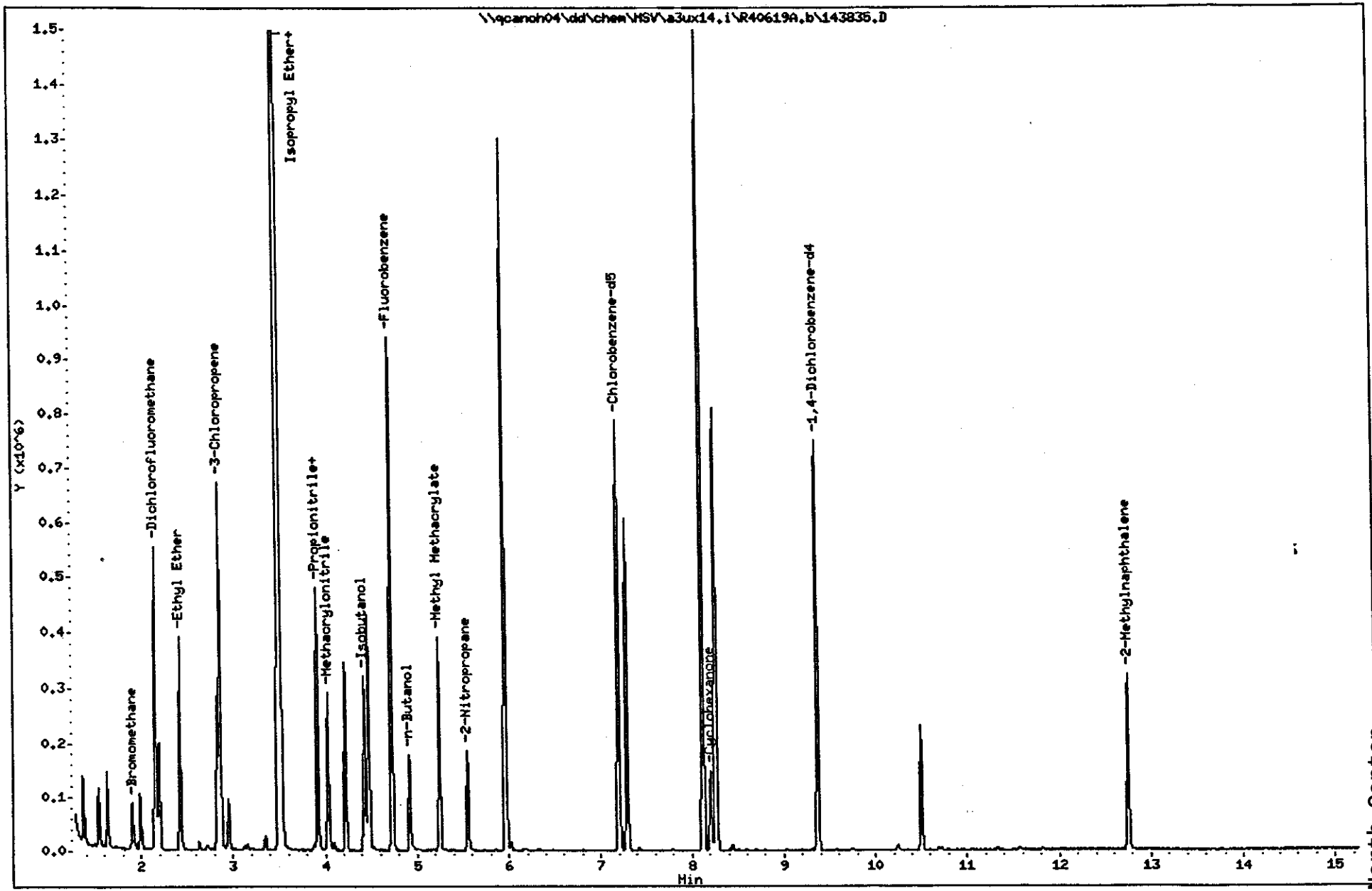
Instrument ID: a3ux14.i
Lab File ID: 143835.D
Analysis Type: SOIL

Injection Date: 19-JUN-2004 13:29
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0	Bromomethane	100.0000	106.2472	6.2	50.0	
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0	
53	3-Chloropropene	250.0000	292.4860	17.0	50.0	
54	2-Chloro-1,3-butadiene	250.0000	288.0661	15.2	50.0	
55	Propionitrile	500.0000	647.7787	29.6	50.0	
56	Methacrylonitrile	250.0000	319.3762	27.8	50.0	
57	Isobutanol	5000.0000	6643.6908	32.9	50.0	
58	Methyl Methacrylate	250.0000	309.6155	23.8	50.0	
73	n-Butanol	5000.0000	5868.5925	17.4	50.0	
74	Ethyl Acetate	500.0000	634.8776	27.0	50.0	
75	Cyclohexanone	2500.0000	1957.3434	21.7	50.0	
76	Ethyl Ether	250.0000	305.2811	22.1	50.0	
85	Dichlorofluoromethane	250.0000	296.3349	18.5	50.0	
86	2-Nitropropane	500.0000	649.6001	29.9	50.0	
126	Isopropyl Ether	1250.0000	1384.9823	10.8	50.0	
130	Fluorobenzene	250.0000	250.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0	
146	2-Methylnaphthalene	500.0000	166.1256	66.8	50.0	<-

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40619A.b\143835.D
Date : 19-JUN-2004 13:29
Client ID:
Sample Info: 250NC-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143835.D
Report Date: 19-Jun-2004 12:52

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143835.D
Lab Smp Id: 250NG-A9CC
Inj Date : 19-JUN-2004 13:29
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9CC
Misc Info : R40619A,8260SUX14,3-IX.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 19-Jun-2004 12:51 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	598973	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	331579	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	150965	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	412671	250.000	296.33
89 Ethyl Ether	59	2.428	2.428	(0.514)	163069	250.000	305.28
91 3-Chloropropene	76	2.866	2.866	(0.607)	108026	250.000	292.49
92 Isopropyl Ether	87	3.499	3.499	(0.741)	832636	1250.00	1385.0(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	364730	250.000	288.07
94 Propionitrile	54	3.919	3.919	(0.830)	51652	500.000	647.78
95 Ethyl Acetate	43	3.919	3.919	(0.830)	358019	500.000	634.88
96 Methacrylonitrile	41	4.028	4.028	(0.853)	107880	250.000	319.38
97 Isobutanol	41	4.424	4.424	(0.614)	114439	5000.00	6643.7(A)
99 n-Butanol	56	4.916	4.916	(0.682)	77073	5000.00	5868.6(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	147979	250.000	309.62
101 2-Nitropropane	41	5.555	5.555	(1.176)	87572	500.000	649.60
103 Cyclohexanone	55	8.208	8.208	(0.876)	57471	2500.00	1957.3
146 2-Methylnaphthalene	142	12.758	12.758	(1.362)	133951	500.000	166.12

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143835.D
Report Date: 19-Jun-2004 12:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
11 Bromomethane	94	1.905	1.905	(0.404)	45825	100.000	106.25

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 22-Jun-2004 09:03

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

22-JUN-2004 08:55	1-8260	143892.D
22-JUN-2004 09:20	3-IX	143893.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b/143892.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 08:55
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0 cis-1,3-Dichloropropene	250.0000	259.6425	3.9	50.0
0 1,2-Dichloropropane	250.0000	238.7892	4.5	20.0
0 1,1-Dichloroethane	250.0000	235.2235	5.9	50.0
0 Xylenes (total)	750.0000	817.3094	9.0	50.0
0 trans-1,2-Dichloroethene	250.0000	284.7359	13.9	50.0
0 1,1,2,2-Tetrachloroethane	250.0000	235.3420	5.9	50.0
0 Bromoform	250.0000	270.7968	8.3	50.0
0 2-Hexanone	500.0000	329.1671	34.2	50.0
0 Chloromethane	250.0000	192.7668	22.9	50.0
0 Vinyl Chloride	250.0000	227.4125	9.0	20.0
0 Chloroethane	250.0000	237.2050	5.1	50.0
0 Xylene-o	250.0000	270.9305	8.4	50.0
0 4-Methyl-2-pentanone	500.0000	381.1048	23.8	50.0
0 Acetone	500.0000	374.8343	25.0	50.0
0 1,1-Dichloroethene	250.0000	279.9778	12.0	20.0
0 Bromodichloromethane	250.0000	255.7991	2.3	50.0
0 trans-1,3-Dichloropropene	250.0000	246.5372	1.4	50.0
0 Carbon Disulfide	250.0000	291.2915	16.5	50.0
0 Methylene Chloride	250.0000	258.6970	3.5	50.0
0 Toluene	250.0000	262.2993	4.9	20.0
0 Trichloroethene	250.0000	262.6237	5.0	50.0
0 Styrene	250.0000	283.1587	13.3	50.0
0 Benzene	250.0000	263.5999	5.4	50.0
0 Carbon Tetrachloride	250.0000	250.0661	0.0	50.0
0 1,2-Dichloroethane	250.0000	207.7831	16.9	50.0
0 1,1,2-Trichloroethane	250.0000	253.8248	1.5	50.0
0 Tetrachloroethene	250.0000	254.1254	1.7	50.0
0 2-Butanone	500.0000	383.5642	23.3	50.0
0 1,2-Dichloroethene (total)	500.0000	540.8014	8.2	50.0
0 cis-1,2-dichloroethene	250.0000	256.0655	2.4	50.0
0 m + p-Xylene	500.0000	546.3789	9.3	50.0
0 Ethylbenzene	250.0000	266.0039	6.4	20.0
0 Chloroform	250.0000	251.5591	0.6	20.0
0 Chlorobenzene	250.0000	257.4421	3.0	50.0
0 1,1,1-Trichloroethane	250.0000	241.0919	3.6	50.0
0 Dibromochloromethane	250.0000	267.0973	6.8	50.0
38 Dichlorodifluoromethane	250.0000	213.7370	14.5	50.0
39 Trichlorofluoromethane	250.0000	250.4663	0.2	50.0
39 Chlorobenzene-d5	250.0000	250.0000	0.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b/143892.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 08:55
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Acrolein	2500.0000	2115.3002	15.4	50.0	
41 Acrylonitrile	2500.0000	2169.7372	13.2	50.0	
42 Vinyl acetate	250.0000	193.4359	22.6	50.0	
43 2-Chloroethyl vinyl ether	500.0000	1200.1409	140.0	50.0	<-
47 Freon-113	250.0000	306.1451	22.5	50.0	
48 1,3-Dichlorobenzene	250.0000	237.4276	5.0	50.0	
49 1,4-Dichlorobenzene	250.0000	232.6877	6.9	50.0	
50 1,2-Dichlorobenzene	250.0000	237.9218	4.8	50.0	
51 Acetonitrile	2500.0000	2073.4200	17.1	50.0	
52 Iodomethane	250.0000	259.3853	3.8	50.0	
59 1,4-Dioxane	12500.0000	10777.4383	13.8	50.0	
60 Dibromomethane	250.0000	255.9595	2.4	50.0	
62 Ethyl Methacrylate	250.0000	221.5421	11.4	50.0	
63 1,2-Dibromoethane	250.0000	255.0704	2.0	50.0	
64 1,1,1,2-Tetrachloroethane	250.0000	268.7023	7.5	50.0	
65 1,2,3-Trichloropropane	250.0000	227.6167	9.0	50.0	
66 1,4-Dichloro-2-butene	250.0000	184.9170	26.0	50.0	
69 1,2-Dibromo-3-chloropropane	250.0000	237.5984	5.0	50.0	
82 Methyl tert-butyl ether	250.0000	268.0226	7.2	50.0	
84 Tetrahydrofuran	250.0000	190.6527	23.7	50.0	
98 2,2-Dichloropropane	250.0000	237.3741	5.1	50.0	
99 1,1-Dichloropropene	250.0000	248.3670	0.7	50.0	
100 1,3-Dichloropropane	250.0000	249.2408	0.3	50.0	
102 Bromobenzene	250.0000	244.1679	2.3	50.0	
103 2-Chlorotoluene	250.0000	250.8807	0.4	50.0	
104 n-Propylbenzene	250.0000	263.1857	5.3	50.0	
105 4-Chlorotoluene	250.0000	255.5744	2.2	50.0	
106 1,3,5-Trimethylbenzene	250.0000	256.6006	2.6	50.0	
107 tert-Butylbenzene	250.0000	261.7613	4.7	50.0	
108 1,2,4-Trimethylbenzene	250.0000	257.3395	2.9	50.0	
109 sec-Butylbenzene	250.0000	269.2368	7.7	50.0	
110 4-Isopropyltoluene	250.0000	278.9125	11.6	50.0	
111 n-Butylbenzene	250.0000	258.3693	3.3	50.0	
112 1,2,4-Trichlorobenzene	250.0000	234.5094	6.2	50.0	
113 Naphthalene	250.0000	176.0196	29.6	50.0	
114 Hexachlorobutadiene	250.0000	256.3985	2.6	50.0	
115 1,2,3-Trichlorobenzene	250.0000	226.3113	9.5	50.0	
124 tert-Butyl Alcohol	5000.0000	3803.8619	23.9	50.0	
125 Hexane	250.0000	266.1688	6.5	20.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b/143892.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 08:55
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
127 Cyclohexane	250.0000	217.3751	13.0	50.0
128 Isopropylbenzene	250.0000	257.2171	2.9	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	263.9857	5.6	50.0
141 1,3,5-Trichlorobenzene	250.0000	251.5713	0.6	50.0
143 Methyl Acetate	500.0000	406.8882	18.6	50.0
144 Methylcyclohexane	250.0000	267.6300	7.1	50.0
22 Toluene-d8	250.0000	267.6393	7.1	50.0
32 Bromofluorobenzene	250.0000	266.0959	6.4	50.0
47 1,2-Dichloroethane-d4	250.0000	223.0859	10.8	50.0
131 Dibromofluoromethane	250.0000	261.5614	4.6	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

Injection Date: 22-JUN-2004 08:55
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22365	0.010	4.6	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.29576	0.010	-10.8	50.0
$	6 Toluene-d8	1.71864	1.83990	0.010	7.1	50.0
$	7 Bromofluorobenzene	0.63176	0.67244	0.010	6.4	50.0
	8 Dichlorodifluoromethane	0.34700	0.29667	0.010	-14.5	50.0
	9 Chloromethane	0.41068	0.31666	0.100	-22.9	50.0
	10 Vinyl Chloride	0.38963	0.35443	0.010	-9.0	20.0
	12 Chloroethane	0.24358	0.23111	0.010	-5.1	50.0
	13 Trichlorofluoromethane	0.42859	0.42939	0.010	0.2	50.0
	15 Acrolein	0.04125	0.03490	0.010	-15.4	50.0
	16 Acetone	0.14987	0.11235	0.010	-25.0	50.0
	17 1,1-Dichloroethene	0.22692	0.25414	0.010	12.0	20.0
	18 Freon-113	0.13584	0.16634	0.010	22.5	50.0
	19 Iodomethane	250	259	0.010	-3.8	50.0
	20 Carbon Disulfide	0.89501	1.04283	0.010	16.5	50.0
	21 Methylene Chloride	0.30188	0.31238	0.010	3.5	50.0
	22 Acetonitrile	0.03093	0.02565	0.010	-17.1	50.0
	23 Acrylonitrile	0.09335	0.08102	0.010	-13.2	50.0
	24 Methyl tert-butyl ether	0.93522	1.00264	0.010	7.2	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.29564	0.010	13.9	50.0
	26 Hexane	0.08280	0.08815	0.010	6.5	20.0
	27 Vinyl acetate	0.57722	0.44662	0.010	-22.6	50.0
	28 1,1-Dichloroethane	0.60330	0.56765	0.100	-5.9	50.0
	29 tert-Butyl Alcohol	0.02626	0.01998	0.010	-23.9	50.0
	30 2-Butanone	0.18347	0.14074	0.010	-23.3	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.29651	0.010	7.8	50.0
	32 cis-1,2-dichloroethene	0.29033	0.29737	0.010	2.4	50.0
	33 2,2-Dichloropropane	0.47405	0.45011	0.010	-5.1	50.0
	34 Bromochloromethane	0.09701	0.10244	0.010	5.6	50.0
	35 Chloroform	0.52703	0.53032	0.010	0.6	20.0
	36 Tetrahydrofuran	0.07485	0.05708	0.010	-23.7	50.0
	37 1,1,1-Trichloroethane	0.47421	0.45731	0.010	-3.6	50.0
	38 1,1-Dichloropropene	0.45609	0.45311	0.010	-0.7	50.0
	39 Carbon Tetrachloride	0.35390	0.35399	0.010	0.0	50.0
	40 1,2-Dichloroethane	0.43001	0.35739	0.010	-16.9	50.0
	41 Benzene	1.26642	1.33532	0.010	5.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

Injection Date: 22-JUN-2004 08:55
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.24079	0.010	5.0	50.0	
	43 1,2-Dichloropropane	0.32528	0.31069	0.010	-4.5	20.0	
	44 1,4-Dioxane	0.00244	0.00211	0.010	-13.8	50.0	<-
	45 Dibromomethane	0.13867	0.14197	0.010	2.4	50.0	
	46 Bromodichloromethane	0.37148	0.38009	0.010	2.3	50.0	
	47 2-Chloroethyl vinyl ether	500	1200	0.010	-140.0	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.48608	0.010	3.9	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.21617	0.010	-23.8	50.0	
	50 Toluene	2.24247	2.35279	0.010	4.9	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.69558	0.010	-1.4	50.0	
	52 Ethyl Methacrylate	250	222	0.010	11.4	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.37339	0.010	1.5	50.0	
	54 1,3-Dichloropropane	0.74981	0.74753	0.010	-0.3	50.0	
	55 Tetrachloroethene	0.32042	0.32571	0.010	1.7	50.0	
	56 2-Hexanone	0.46207	0.30420	0.010	-34.2	50.0	
	57 Dibromochloromethane	0.30945	0.33061	0.010	6.8	50.0	
	58 1,2-Dibromoethane	0.32369	0.33025	0.010	2.0	50.0	
	59 Chlorobenzene	1.21534	1.25152	0.300	3.0	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.37538	0.010	7.5	50.0	
	61 Ethylbenzene	0.69698	0.74159	0.010	6.4	20.0	
	62 m + p-Xylene	0.86164	0.94156	0.010	9.3	50.0	
M	63 Xylenes (total)	0.83907	0.91450	0.010	9.0	50.0	
	64 Xylene-o	0.79393	0.86039	0.010	8.4	50.0	
	65 Styrene	1.29266	1.46411	0.010	13.3	50.0	
	66 Bromoform	250	271	0.100	-8.3	50.0	
	67 Isopropylbenzene	250	257	0.010	-2.9	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.94925	0.300	-5.9	50.0	
	69 1,4-Dichloro-2-butene	250	185	0.010	26.0	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.26477	0.010	-9.0	50.0	
	71 Bromobenzene	0.83926	0.81968	0.010	-2.3	50.0	
	72 n-Propylbenzene	1.09797	1.15588	0.010	5.3	50.0	
	73 2-Chlorotoluene	0.86679	0.86984	0.010	0.4	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.91225	0.010	2.6	50.0	
	75 4-Chlorotoluene	0.87805	0.89763	0.010	2.2	50.0	
	76 tert-Butylbenzene	2.98596	3.12643	0.010	4.7	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.91479	0.010	2.9	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

Injection Date: 22-JUN-2004 08:55
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	5.16295	0.010	7.7	50.0
79	4-Isopropyltoluene	3.43070	3.82747	0.010	11.6	50.0
80	1,3-Dichlorobenzene	1.70146	1.61589	0.010	-5.0	50.0
81	1,4-Dichlorobenzene	1.71400	1.59530	0.010	-6.9	50.0
82	n-Butylbenzene	250	258	0.010	-3.3	50.0
83	1,2-Dichlorobenzene	1.57840	1.50214	0.010	-4.8	50.0
84	1,2-Dibromo-3-chloropropane	250	238	0.010	5.0	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.85109	0.010	-6.2	50.0
86	Hexachlorobutadiene	0.62800	0.64408	0.010	2.6	50.0
87	Naphthalene	250	176	0.010	29.6	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.83916	0.010	-9.5	50.0
98	Cyclohexane	0.63636	0.55331	0.010	-13.0	50.0
143	Methyl Acetate	0.18436	0.15003	0.010	-18.6	50.0
144	Methylcyclohexane	0.59621	0.63826	0.010	7.1	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.11167	0.010	0.6	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:01

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 22-JUN-2004 08:55
Lab File ID: 143892.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22365	0.010	4.6	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.29576	0.010	-10.8	50.0
$	6 Toluene-d8	1.71864	1.83990	0.010	7.1	50.0
$	7 Bromofluorobenzene	0.63176	0.67244	0.010	6.4	50.0
	8 Dichlorodifluoromethane	0.34700	0.29667	0.010	-14.5	50.0
	9 Chloromethane	0.41068	0.31666	0.100	-22.9	50.0
	10 Vinyl Chloride	0.38963	0.35443	0.010	-9.0	20.0
	12 Chloroethane	0.24358	0.23111	0.010	-5.1	50.0
	13 Trichlorofluoromethane	0.42859	0.42939	0.010	0.2	50.0
	15 Acrolein	0.04125	0.03490	0.010	-15.4	50.0
	16 Acetone	0.14987	0.11235	0.010	-25.0	50.0
	17 1,1-Dichloroethene	0.22692	0.25414	0.010	12.0	20.0
	18 Freon-113	0.13584	0.16634	0.010	22.5	50.0
	19 Iodomethane	250	259	0.010	-3.8	50.0
	20 Carbon Disulfide	0.89501	1.04283	0.010	16.5	50.0
	21 Methylene Chloride	0.30188	0.31238	0.010	3.5	50.0
	22 Acetonitrile	0.03093	0.02565	0.010	-17.1	50.0
	23 Acrylonitrile	0.09335	0.08102	0.010	-13.2	50.0
	24 Methyl tert-butyl ether	0.93522	1.00264	0.010	7.2	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.29564	0.010	13.9	50.0
	26 Hexane	0.08280	0.08815	0.010	6.5	20.0
	27 Vinyl acetate	0.57722	0.44662	0.010	-22.6	50.0
	28 1,1-Dichloroethane	0.60330	0.56765	0.100	-5.9	50.0
	29 tert-Butyl Alcohol	0.02626	0.01998	0.010	-23.9	50.0
	30 2-Butanone	0.18347	0.14074	0.010	-23.3	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.29651	0.010	7.8	50.0
	32 cis-1,2-dichloroethene	0.29033	0.29737	0.010	2.4	50.0
	33 2,2-Dichloropropane	0.47405	0.45011	0.010	-5.1	50.0
	34 Bromochloromethane	0.09701	0.10244	0.010	5.6	50.0
	35 Chloroform	0.52703	0.53032	0.010	0.6	20.0
	36 Tetrahydrofuran	0.07485	0.05708	0.010	-23.7	50.0
	37 1,1,1-Trichloroethane	0.47421	0.45731	0.010	-3.6	50.0
	38 1,1-Dichloropropene	0.45609	0.45311	0.010	-0.7	50.0
	39 Carbon Tetrachloride	0.35390	0.35399	0.010	0.0	50.0
	40 1,2-Dichloroethane	0.43001	0.35739	0.010	-16.9	50.0
	41 Benzene	1.26642	1.33532	0.010	5.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:01

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

Injection Date: 22-JUN-2004 08:55
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.24079	0.010	5.0	50.0	
	43 1,2-Dichloropropane	0.32528	0.31069	0.010	-4.5	20.0	
	44 1,4-Dioxane	0.00244	0.00211	0.010	-13.8	50.0	<-
	45 Dibromomethane	0.13867	0.14197	0.010	2.4	50.0	
	46 Bromodichloromethane	0.37148	0.38009	0.010	2.3	50.0	
	47 2-Chloroethyl vinyl ether	500	1200	0.010	-140.0	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.48608	0.010	3.9	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.21617	0.010	-23.8	50.0	
	50 Toluene	2.24247	2.35279	0.010	4.9	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.69558	0.010	-1.4	50.0	
	52 Ethyl Methacrylate	250	222	0.010	11.4	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.37339	0.010	1.5	50.0	
	54 1,3-Dichloropropane	0.74981	0.74753	0.010	-0.3	50.0	
	55 Tetrachloroethene	0.32042	0.32571	0.010	1.7	50.0	
	56 2-Hexanone	0.46207	0.30420	0.010	-34.2	50.0	
	57 Dibromochloromethane	0.30945	0.33061	0.010	6.8	50.0	
	58 1,2-Dibromoethane	0.32369	0.33025	0.010	2.0	50.0	
	59 Chlorobenzene	1.21534	1.25152	0.300	3.0	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.37538	0.010	7.5	50.0	
	61 Ethylbenzene	0.69698	0.74159	0.010	6.4	20.0	
	62 m + p-Xylene	0.86164	0.94156	0.010	9.3	50.0	
M	63 Xylenes (total)	0.83907	0.91450	0.010	9.0	50.0	
	64 Xylene-o	0.79393	0.86039	0.010	8.4	50.0	
	65 Styrene	1.29266	1.46411	0.010	13.3	50.0	
	66 Bromoform	0.17655	0.20589	0.100	16.6	50.0	
	67 Isopropylbenzene	250	257	0.010	-2.9	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.94925	0.300	-5.9	50.0	
	69 1,4-Dichloro-2-butene	250	185	0.010	26.0	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.26477	0.010	-9.0	50.0	
	71 Bromobenzene	0.83926	0.81968	0.010	-2.3	50.0	
	72 n-Propylbenzene	1.09797	1.15588	0.010	5.3	50.0	
	73 2-Chlorotoluene	0.86679	0.86984	0.010	0.4	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.91225	0.010	2.6	50.0	
	75 4-Chlorotoluene	0.87805	0.89763	0.010	2.2	50.0	
	76 tert-Butylbenzene	2.98596	3.12643	0.010	4.7	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.91479	0.010	2.9	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:01

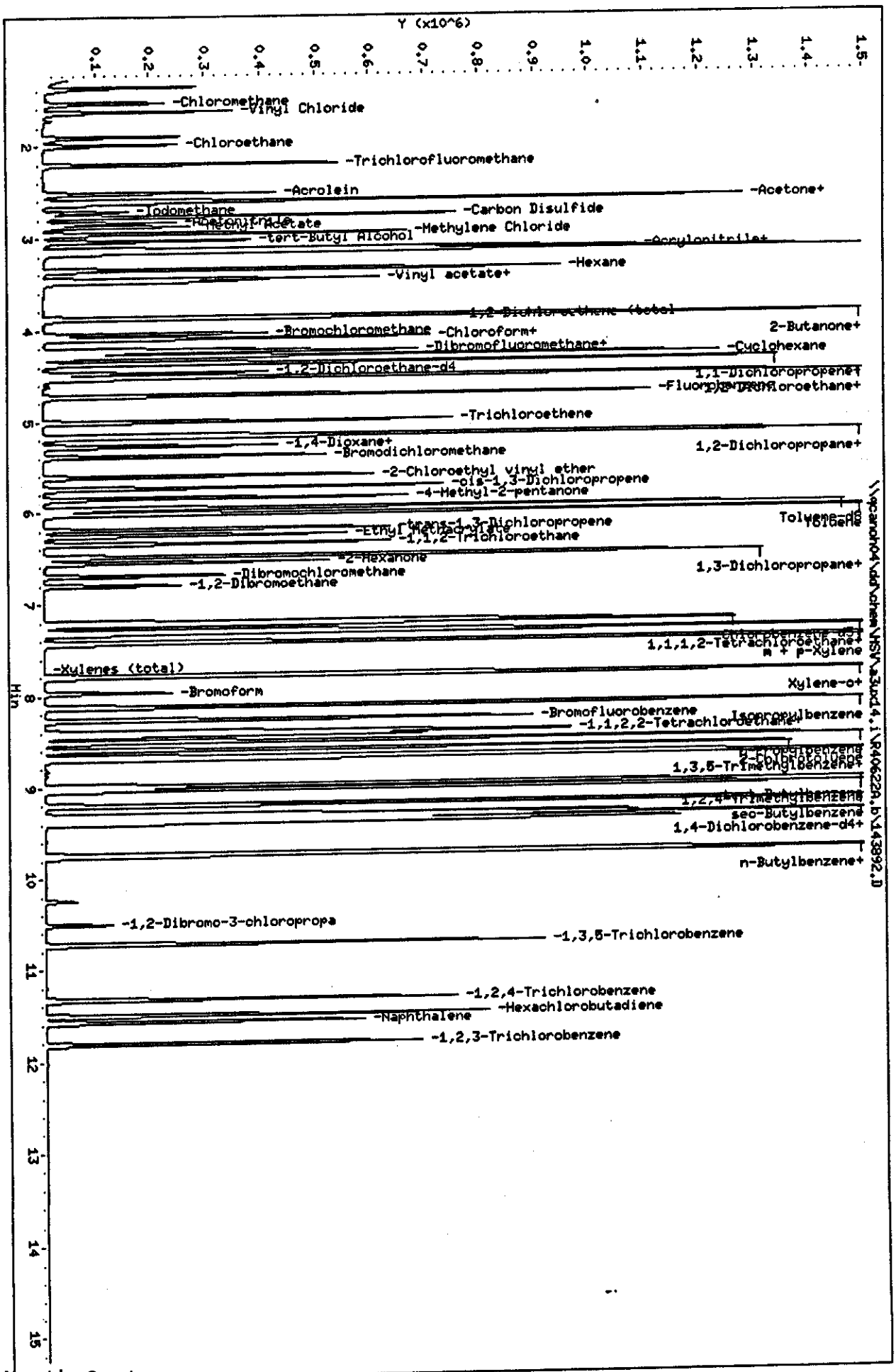
STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143892.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

Injection Date: 22-JUN-2004 08:55
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	5.16295	0.010	7.7	50.0
79	4-Isopropyltoluene	3.43070	3.82747	0.010	11.6	50.0
80	1,3-Dichlorobenzene	1.70146	1.61589	0.010	-5.0	50.0
81	1,4-Dichlorobenzene	1.71400	1.59530	0.010	-6.9	50.0
82	n-Butylbenzene	250	258	0.010	-3.3	50.0
83	1,2-Dichlorobenzene	1.57840	1.50214	0.010	-4.8	50.0
84	1,2-Dibromo-3-chloropropane	250	238	0.010	5.0	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.85109	0.010	-6.2	50.0
86	Hexachlorobutadiene	0.62800	0.64408	0.010	2.6	50.0
87	Naphthalene	250	176	0.010	29.6	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.83916	0.010	-9.5	50.0
98	Cyclohexane	0.63636	0.55331	0.010	-13.0	50.0
143	Methyl Acetate	0.18436	0.15003	0.010	-18.6	50.0
144	Methylcyclohexane	0.59621	0.63826	0.010	7.1	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.11167	0.010	0.6	50.0



Data File: \\qcanon04\dd\chem\HSV\a3ux14.i\R406220.b\143892.D
Date : 22-JUN-2004 08:55
Client ID:
Sample Info: 250NC-CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Lab Smp Id: 250NG-CC
Inj Date : 22-JUN-2004 08:55
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-CC
Misc Info : R40622A,8260SUX14,1-8260.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 22-Jun-2004 09:02 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	770349	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	452910	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	230083	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	172289	250.000	261.56
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	227842	250.000	223.08
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	833310	250.000	267.64
$ 7 Bromofluorobenzene	95	8.268	8.268	(1.149)	304554	250.000	266.10
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	228538	250.000	213.74
9 Chloromethane	50	1.534	1.534	(0.325)	243940	250.000	192.77
10 Vinyl Chloride	62	1.631	1.631	(0.346)	273033	250.000	227.41
12 Chloroethane	64	1.990	1.990	(0.422)	178037	250.000	237.20
13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	330783	250.000	250.47
15 Acrolein	56	2.519	2.519	(0.534)	268863	2500.00	2115.3
16 Acetone	43	2.629	2.629	(0.557)	173104	500.000	374.83
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	195773	250.000	279.98
18 Freon-113	151	2.605	2.605	(0.552)	128142	250.000	306.14
19 Iodomethane	142	2.714	2.714	(0.575)	134493	250.000	259.38

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	803346	250.000	291.29
	21 Methylene Chloride	84	2.951	2.951	(0.625)	240640	250.000	258.70
	22 Acetonitrile	41	2.830	2.830	(0.599)	197581	2500.00	2073.4
	23 Acrylonitrile	53	3.122	3.122	(0.661)	624133	2500.00	2169.7
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	772386	250.000	268.02
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	227745	250.000	284.74
	26 Hexane	86	3.353	3.353	(0.710)	67908	250.000	266.17
	27 Vinyl acetate	43	3.481	3.481	(0.737)	344053	250.000	193.44
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	437285	250.000	235.22
	29 tert-Butyl Alcohol	59	3.030	3.030	(0.642)	307844	5000.00	3803.9
	30 2-Butanone	43	3.876	3.876	(0.821)	216840	500.000	383.56
M	31 1,2-Dichloroethene (total)	96				456825	500.000	540.80
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	229080	250.000	256.06
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	346743	250.000	237.37
	34 Bromochloromethane	128	4.052	4.052	(0.858)	78914	250.000	263.98
	35 Chloroform	83	4.101	4.101	(0.869)	408530	250.000	251.56
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	43973	250.000	190.65
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	352288	250.000	241.09
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	349053	250.000	248.37
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	272699	250.000	250.07
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	275317	250.000	207.78
	41 Benzene	78	4.521	4.521	(0.957)	1028659	250.000	263.60
	42 Trichloroethene	130	5.008	5.008	(1.061)	185494	250.000	262.62
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	239343	250.000	238.79
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	81100	12500.0	10777
	45 Dibromomethane	93	5.269	5.269	(1.116)	109367	250.000	255.96
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	292805	250.000	255.80
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	213237	500.000	1200.1
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	374452	250.000	259.64
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	333057	500.000	381.10
	50 Toluene	91	6.024	6.024	(0.837)	1065604	250.000	262.30
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	315034	250.000	246.54
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	256753	250.000	221.54
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	169110	250.000	253.82
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	338565	250.000	249.24
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	147517	250.000	254.12
	56 2-Hexanone	43	6.547	6.547	(0.910)	275548	500.000	329.17
	57 Dibromochloromethane	129	6.693	6.693	(0.930)	149737	250.000	267.10
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	149575	250.000	255.07
	59 Chlorobenzene	112	7.228	7.228	(1.004)	566824	250.000	257.44
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	170012	250.000	268.70
	61 Ethylbenzene	106	7.319	7.319	(1.017)	335875	250.000	266.00
	62 m + p-Xylene	106	7.423	7.423	(1.031)	852884	500.000	546.38
M	63 Xylenes (total)	106				1242565	750.000	817.31
	64 Xylene-o	106	7.788	7.788	(1.082)	389681	250.000	270.93
	65 Styrene	104	7.794	7.794	(1.083)	663110	250.000	283.16
	66 Bromoform	173	7.970	7.970	(1.107)	93249	250.000	270.80

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143892.D
Report Date: 22-Jun-2004 09:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67	Isopropylbenzene	105	8.122	8.122	(1.128)	1005787	250.000	257.22
68	1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	218406	250.000	235.34
69	1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	59284	250.000	184.92
70	1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	60918	250.000	227.62
71	Bromobenzene	156	8.414	8.414	(0.898)	188594	250.000	244.17
72	n-Propylbenzene	120	8.506	8.506	(0.908)	265949	250.000	263.18
73	2-Chlorotoluene	126	8.597	8.597	(0.918)	200136	250.000	250.88
74	1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	900142	250.000	256.60
75	4-Chlorotoluene	126	8.694	8.694	(0.928)	206529	250.000	255.57
76	tert-Butylbenzene	119	8.986	8.986	(0.959)	719339	250.000	261.76
77	1,2,4-Trimethylbenzene	105	9.035	9.035	(0.964)	900726	250.000	257.34
78	sec-Butylbenzene	105	9.199	9.199	(0.982)	1187906	250.000	269.24
79	4-Isopropyltoluene	119	9.333	9.333	(0.996)	880635	250.000	278.91
80	1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	371789	250.000	237.43
81	1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	367052	250.000	232.69
82	n-Butylbenzene	91	9.735	9.735	(1.039)	913913	250.000	258.37
83	1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	345618	250.000	237.92
84	1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	27364	250.000	237.60
85	1,2,4-Trichlorobenzene	180	11.328	11.328	(1.209)	195821	250.000	234.51
86	Hexachlorobutadiene	225	11.505	11.505	(1.228)	148191	250.000	256.40
87	Naphthalene	128	11.572	11.572	(1.235)	392777	250.000	176.02
88	1,2,3-Trichlorobenzene	180	11.815	11.815	(1.261)	193077	250.000	226.31
98	Cyclohexane	56	4.296	4.296	(0.910)	426245	250.000	217.38
143	Methyl Acetate	43	2.878	2.878	(0.610)	231153	500.000	406.89
144	Methylcyclohexane	83	5.160	5.160	(1.093)	491682	250.000	267.63
141	1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	255777	250.000	251.57

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b/143893.D
Report Date: 06/22/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143893.D
Analysis Type: SOIL

Injection Date: 22-JUN-2004 09:20
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0 Bromomethane	100.0000	98.5514	1.4	50.0	
39 Chlorobenzene-d5	250.0000	250.0000	0.0	50.0	
53 3-Chloropropene	250.0000	262.4414	5.0	50.0	
54 2-Chloro-1,3-butadiene	250.0000	198.4167	20.6	50.0	
55 Propionitrile	500.0000	463.8251	7.2	50.0	
56 Methacrylonitrile	250.0000	211.0821	15.6	50.0	
57 Isobutanol	5000.0000	4721.4580	5.6	50.0	
58 Methyl Methacrylate	250.0000	200.3898	19.8	50.0	
73 n-Butanol	5000.0000	4636.2292	7.3	50.0	
74 Ethyl Acetate	500.0000	429.9011	14.0	50.0	
75 Cyclohexanone	2500.0000	1451.9589	41.9	50.0	
76 Ethyl Ether	250.0000	231.8315	7.3	50.0	
85 Dichlorofluoromethane	250.0000	247.6377	0.9	50.0	
86 2-Nitropropane	500.0000	431.6043	13.7	50.0	
126 Isopropyl Ether	1250.0000	1255.4353	0.4	50.0	
130 Fluorobenzene	250.0000	250.0000	0.0	50.0	
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0	
146 2-Methylnaphthalene	500.0000	167.3082	66.5	50.0	<-

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143893.D
Report Date: 22-Jun-2004 08:58

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143893.D
Analysis Type: SOIL
Lab Sample ID: 250NG-A9CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m

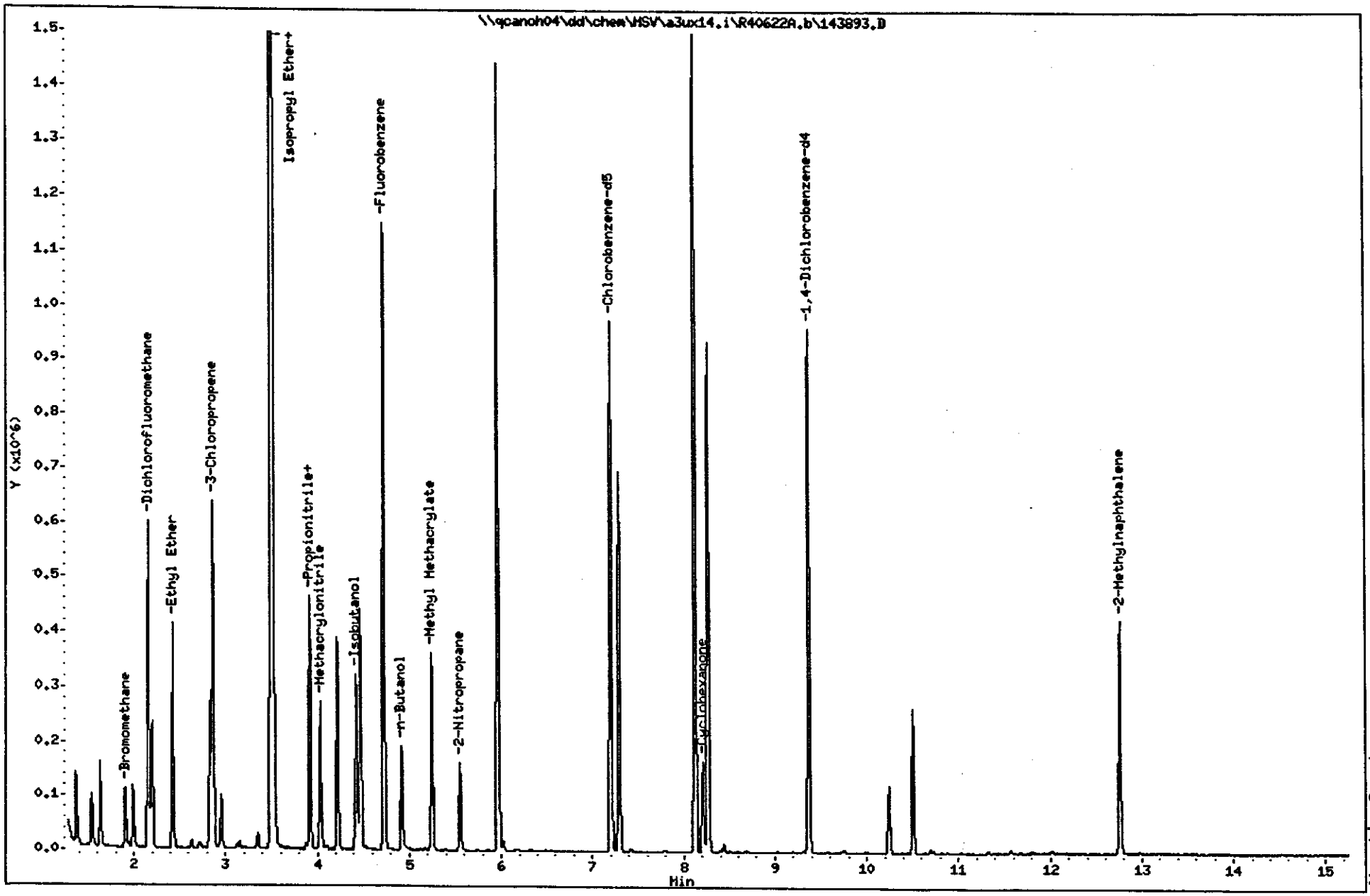
Injection Date: 22-JUN-2004 09:20
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
14 Dichlorofluoromethane	0.58124	0.57575	0.010	-0.9	50.0	
89 Ethyl Ether	0.22295	0.20675	0.010	-7.3	50.0	
91 3-Chloropropene	0.15415	0.16183	0.010	5.0	50.0	
92 Isopropyl Ether	0.25092	0.25202	0.010	0.4	50.0	
93 2-Chloro-1,3-butadiene	0.52846	0.41942	0.010	-20.6	50.0	
94 Propionitrile	0.03328	0.03087	0.010	-7.2	50.0	
95 Ethyl Acetate	0.23537	0.20237	0.010	-14.0	50.0	
96 Methacrylonitrile	0.14098	0.11904	0.010	-15.6	50.0	
97 Isobutanol	0.01299	0.01226	0.010	-5.6	50.0	
99 n-Butanol	0.00990	0.00918	0.010	-7.3	50.0	<-
100 Methyl Methacrylate	0.19948	0.15990	0.010	-19.8	50.0	
101 2-Nitropropane	0.05627	0.04857	0.010	-13.7	50.0	
103 Cyclohexanone	2500	1452	0.010	41.9	50.0	
146 2-Methylnaphthalene	500	167	0.010	66.5	50.0	<-
11 Bromomethane	0.18002	0.17741	0.010	-1.4	50.0	

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40622A.b\143893.D
Date : 22-JUN-2004 09:20
Client ID:
Sample Info: 250NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143893.D
Report Date: 22-Jun-2004 08:58

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143893.D
Lab Smp Id: 250NG-A9CC
Inj Date : 22-JUN-2004 09:20
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9CC
Misc Info : R40622A,8260SUX14,3-IX.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 22-Jun-2004 08:58 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1	Fluorobenzene	96	4.722	4.722	(1.000)	794483	250.000	
* 2	Chlorobenzene-d5	117	7.198	7.198	(1.000)	452565	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	206579	250.000	
14	Dichlorofluoromethane	67	2.154	2.154	(0.456)	457420	250.000	247.64
89	Ethyl Ether	59	2.428	2.428	(0.514)	164256	250.000	231.83
91	3-Chloropropene	76	2.866	2.866	(0.607)	128568	250.000	262.44
92	Isopropyl Ether	87	3.505	3.505	(0.742)	1001112	1250.00	1255.4(A)
93	2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	333223	250.000	198.42
94	Propionitrile	54	3.919	3.919	(0.830)	49056	500.000	463.82
95	Ethyl Acetate	43	3.919	3.919	(0.830)	321560	500.000	429.90
96	Methacrylonitrile	41	4.028	4.028	(0.853)	94573	250.000	211.08
97	Isobutanol	41	4.424	4.424	(0.615)	111003	5000.00	4721.4(A)
99	n-Butanol	56	4.916	4.916	(0.683)	83105	5000.00	4636.2(A)
100	Methyl Methacrylate	41	5.245	5.245	(1.111)	127037	250.000	200.39
101	2-Nitropropane	41	5.555	5.555	(1.176)	77176	500.000	431.60
103	Cyclohexanone	55	8.208	8.208	(0.876)	63171	2500.00	1452.0
146	2-Methylnaphthalene	142	12.758	12.758	(1.362)	185411	500.000	167.31

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143893.D
Report Date: 22-Jun-2004 08:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
11 Bromomethane	94	1.905	1.905	(0.404)	56380	100.000	98.551

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 24-Jun-2004 11:16

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

24-JUN-2004 10:54	1-8260	143950.D
24-JUN-2004 11:18	3-IX	143951.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

Injection Date: 24-JUN-2004 10:54
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22336	0.010	4.5	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.29444	0.010	-11.2	50.0
$	6 Toluene-d8	1.71864	1.87929	0.010	9.3	50.0
$	7 Bromofluorobenzene	0.63176	0.69010	0.010	9.2	50.0
	8 Dichlorodifluoromethane	0.34700	0.38245	0.010	10.2	50.0
	9 Chloromethane	0.41068	0.34428	0.100	-16.2	50.0
	10 Vinyl Chloride	0.38963	0.38744	0.010	-0.6	20.0
	12 Chloroethane	0.24358	0.24487	0.010	0.5	50.0
	13 Trichlorofluoromethane	0.42859	0.46780	0.010	9.1	50.0
	15 Acrolein	0.04125	0.03024	0.010	-26.7	50.0
	16 Acetone	0.14987	0.10134	0.010	-32.4	50.0
	17 1,1-Dichloroethene	0.22692	0.25697	0.010	13.2	20.0
	18 Freon-113	0.13584	0.16527	0.010	21.7	50.0
	19 Iodomethane	250	271	0.010	8.3	50.0
	20 Carbon Disulfide	0.89501	1.05733	0.010	18.1	50.0
	21 Methylene Chloride	0.30188	0.30800	0.010	2.0	50.0
	22 Acetonitrile	0.03093	0.02348	0.010	-24.1	50.0
	23 Acrylonitrile	0.09335	0.07432	0.010	-20.4	50.0
	24 Methyl tert-butyl ether	0.93522	0.80295	0.010	-14.1	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.29406	0.010	13.3	50.0
	26 Hexane	0.08280	0.09312	0.010	12.5	20.0
	27 Vinyl acetate	0.57722	0.41072	0.010	-28.8	50.0
	28 1,1-Dichloroethane	0.60330	0.55417	0.100	-8.1	50.0
	29 tert-Butyl Alcohol	0.02626	0.01899	0.010	-27.7	50.0
	30 2-Butanone	0.18347	0.13328	0.010	-27.4	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.30082	0.010	9.4	50.0
	32 cis-1,2-dichloroethene	0.29033	0.30758	0.010	5.9	50.0
	33 2,2-Dichloropropane	0.47405	0.45995	0.010	-3.0	50.0
	34 Bromochloromethane	0.09701	0.10270	0.010	5.9	50.0
	35 Chloroform	0.52703	0.52924	0.010	0.4	20.0
	36 Tetrahydrofuran	0.07485	0.05583	0.010	-25.4	50.0
	37 1,1,1-Trichloroethane	0.47421	0.46169	0.010	-2.6	50.0
	38 1,1-Dichloropropene	0.45609	0.46101	0.010	1.1	50.0
	39 Carbon Tetrachloride	0.35390	0.35670	0.010	0.8	50.0
	40 1,2-Dichloroethane	0.43001	0.34925	0.010	-18.8	50.0
	41 Benzene	1.26642	1.34831	0.010	6.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

Injection Date: 24-JUN-2004 10:54
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.24539	0.010	7.1	50.0	
	43 1,2-Dichloropropane	0.32528	0.31465	0.010	-3.3	20.0	
	44 1,4-Dioxane	0.00244	0.00207	0.010	-15.2	50.0	<-
	45 Dibromomethane	0.13867	0.14167	0.010	2.2	50.0	
	46 Bromodichloromethane	0.37148	0.37772	0.010	1.7	50.0	
	47 2-Chloroethyl vinyl ether	500	1162	0.010	-132.4	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.49272	0.010	5.3	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.20839	0.010	-26.5	50.0	
	50 Toluene	2.24247	2.37274	0.010	5.8	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.70577	0.010	0.1	50.0	
	52 Ethyl Methacrylate	250	221	0.010	11.5	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.37073	0.010	0.8	50.0	
	54 1,3-Dichloropropane	0.74981	0.75360	0.010	0.5	50.0	
	55 Tetrachloroethene	0.32042	0.33667	0.010	5.1	50.0	
	56 2-Hexanone	0.46207	0.29701	0.010	-35.7	50.0	
	57 Dibromochloromethane	0.30945	0.32949	0.010	6.5	50.0	
	58 1,2-Dibromoethane	0.32369	0.33005	0.010	2.0	50.0	
	59 Chlorobenzene	1.21534	1.26082	0.300	3.7	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.38119	0.010	9.1	50.0	
	61 Ethylbenzene	0.69698	0.74492	0.010	6.9	20.0	
	62 m + p-Xylene	0.86164	0.93118	0.010	8.1	50.0	
M	63 Xylenes (total)	0.83907	0.90981	0.010	8.4	50.0	
	64 Xylene-o	0.79393	0.86706	0.010	9.2	50.0	
	65 Styrene	1.29266	1.47009	0.010	13.7	50.0	
	66 Bromoform	250	267	0.100	-7.0	50.0	
	67 Isopropylbenzene	250	260	0.010	-3.8	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.94164	0.300	-6.6	50.0	
	69 1,4-Dichloro-2-butene	250	181	0.010	27.5	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.26476	0.010	-9.0	50.0	
	71 Bromobenzene	0.83926	0.82808	0.010	-1.3	50.0	
	72 n-Propylbenzene	1.09797	1.16106	0.010	5.7	50.0	
	73 2-Chlorotoluene	0.86679	0.87579	0.010	1.0	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.92813	0.010	3.1	50.0	
	75 4-Chlorotoluene	0.87805	0.91174	0.010	3.8	50.0	
	76 tert-Butylbenzene	2.98596	3.11250	0.010	4.2	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.93734	0.010	3.5	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

Injection Date: 24-JUN-2004 10:54
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

			MIN		MAX
COMPOUND	RRF	RF250	RRF	%D	%D
78 sec-Butylbenzene	4.79406	5.12055	0.010	6.8	50.0
79 4-Isopropyltoluene	3.43070	3.78159	0.010	10.2	50.0
80 1,3-Dichlorobenzene	1.70146	1.62563	0.010	-4.5	50.0
81 1,4-Dichlorobenzene	1.71400	1.64440	0.010	-4.1	50.0
82 n-Butylbenzene	250	261	0.010	-4.5	50.0
83 1,2-Dichlorobenzene	1.57840	1.51037	0.010	-4.3	50.0
84 1,2-Dibromo-3-chloropropane	250	224	0.010	10.3	50.0
85 1,2,4-Trichlorobenzene	0.90731	0.91138	0.010	0.4	50.0
86 Hexachlorobutadiene	0.62800	0.67315	0.010	7.2	50.0
87 Naphthalene	250	179	0.010	28.5	50.0
88 1,2,3-Trichlorobenzene	0.92700	0.87924	0.010	-5.2	50.0
98 Cyclohexane	0.63636	0.56988	0.010	-10.4	50.0
143 Methyl Acetate	0.18436	0.13752	0.010	-25.4	50.0
144 Methylcyclohexane	0.59621	0.64620	0.010	8.4	50.0
141 1,3,5-Trichlorobenzene	1.10473	1.14262	0.010	3.4	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b/143950.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 10:54
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	cis-1,3-Dichloropropene	250.0000	263.1868	5.3	50.0
0	1,2-Dichloropropane	250.0000	241.8313	3.3	20.0
0	1,1-Dichloroethane	250.0000	229.6411	8.1	50.0
0	Xylenes (total)	750.0000	813.3847	8.5	50.0
0	trans-1,2-Dichloroethene	250.0000	283.2129	13.3	50.0
0	1,1,2,2-Tetrachloroethane	250.0000	233.4557	6.6	50.0
0	Bromoform	250.0000	267.4004	7.0	50.0
0	2-Hexanone	500.0000	321.3855	35.7	50.0
0	Chloromethane	250.0000	209.5821	16.2	50.0
0	Vinyl Chloride	250.0000	248.5954	0.6	20.0
0	Chloroethane	250.0000	251.3237	0.5	50.0
0	Xylene-o	250.0000	273.0296	9.2	50.0
0	4-Methyl-2-pentanone	500.0000	367.3767	26.5	50.0
0	Acetone	500.0000	338.0853	32.4	50.0
0	1,1-Dichloroethene	250.0000	283.0989	13.2	20.0
0	Bromodichloromethane	250.0000	254.2042	1.7	50.0
0	trans-1,3-Dichloropropene	250.0000	250.1488	0.1	50.0
0	Carbon Disulfide	250.0000	295.3394	18.1	50.0
0	Methylene Chloride	250.0000	255.0699	2.0	50.0
0	Toluene	250.0000	264.5234	5.8	20.0
0	Trichloroethene	250.0000	267.6413	7.1	50.0
0	Styrene	250.0000	284.3149	13.7	50.0
0	Benzene	250.0000	266.1642	6.5	50.0
0	Carbon Tetrachloride	250.0000	251.9774	0.8	50.0
0	1,2-Dichloroethane	250.0000	203.0505	18.8	50.0
0	1,1,2-Trichloroethane	250.0000	252.0226	0.8	50.0
0	Tetrachloroethene	250.0000	262.6802	5.1	50.0
0	2-Butanone	500.0000	363.2273	27.4	50.0
0	1,2-Dichloroethene (total)	500.0000	548.0670	9.6	50.0
0	cis-1,2-dichloroethene	250.0000	264.8541	5.9	50.0
0	m + p-Xylene	500.0000	540.3552	8.1	50.0
0	Ethylbenzene	250.0000	267.1969	6.9	20.0
0	Chloroform	250.0000	251.0473	0.4	20.0
0	Chlorobenzene	250.0000	259.3559	3.7	50.0
0	1,1,1-Trichloroethane	250.0000	243.3997	2.6	50.0
0	Dibromochloromethane	250.0000	266.1877	6.5	50.0
38	Dichlorodifluoromethane	250.0000	275.5392	10.2	50.0
39	Trichlorofluoromethane	250.0000	272.8701	9.1	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b/143950.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 10:54
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Acrolein	2500.0000	1832.9963	26.7	50.0	
41 Acrylonitrile	2500.0000	1990.3331	20.4	50.0	
42 Vinyl acetate	250.0000	177.8866	28.8	50.0	
43 2-Chloroethyl vinyl ether	500.0000	1161.8440	132.4	50.0	<-
47 Freon-113	250.0000	304.1689	21.7	50.0	
48 1,3-Dichlorobenzene	250.0000	238.8581	4.5	50.0	
49 1,4-Dichlorobenzene	250.0000	239.8487	4.1	50.0	
50 1,2-Dichlorobenzene	250.0000	239.2238	4.3	50.0	
51 Acetonitrile	2500.0000	1897.8262	24.1	50.0	
52 Iodomethane	250.0000	270.7283	8.3	50.0	
59 1,4-Dioxane	12500.0000	10597.8344	15.2	50.0	
60 Dibromomethane	250.0000	255.4172	2.2	50.0	
62 Ethyl Methacrylate	250.0000	221.3361	11.5	50.0	
63 1,2-Dibromoethane	250.0000	254.9101	2.0	50.0	
64 1,1,1,2-Tetrachloroethane	250.0000	272.8624	9.1	50.0	
65 1,2,3-Trichloropropane	250.0000	227.6096	9.0	50.0	
66 1,4-Dichloro-2-butene	250.0000	181.2029	27.5	50.0	
69 1,2-Dibromo-3-chloropropane	250.0000	224.1994	10.3	50.0	
82 Methyl tert-butyl ether	250.0000	214.6422	14.1	50.0	
84 Tetrahydrofuran	250.0000	186.4621	25.4	50.0	
98 2,2-Dichloropropane	250.0000	242.5631	3.0	50.0	
99 1,1-Dichloropropene	250.0000	252.6987	1.1	50.0	
100 1,3-Dichloropropane	250.0000	251.2635	0.5	50.0	
102 Bromobenzene	250.0000	246.6712	1.3	50.0	
103 2-Chlorotoluene	250.0000	252.5972	1.0	50.0	
104 n-Propylbenzene	250.0000	264.3651	5.7	50.0	
105 4-Chlorotoluene	250.0000	259.5923	3.8	50.0	
106 1,3,5-Trimethylbenzene	250.0000	257.6419	3.1	50.0	
107 tert-Butylbenzene	250.0000	260.5951	4.2	50.0	
108 1,2,4-Trimethylbenzene	250.0000	258.8219	3.5	50.0	
109 sec-Butylbenzene	250.0000	267.0261	6.8	50.0	
110 4-Isopropyltoluene	250.0000	275.5698	10.2	50.0	
111 n-Butylbenzene	250.0000	261.2353	4.5	50.0	
112 1,2,4-Trichlorobenzene	250.0000	251.1221	0.4	50.0	
113 Naphthalene	250.0000	178.7131	28.5	50.0	
114 Hexachlorobutadiene	250.0000	267.9706	7.2	50.0	
115 1,2,3-Trichlorobenzene	250.0000	237.1199	5.2	50.0	
124 tert-Butyl Alcohol	5000.0000	3615.9596	27.7	50.0	
125 Hexane	250.0000	281.1679	12.5	20.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b/143950.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 10:54
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
127 Cyclohexane	250.0000	223.8850	10.4	50.0
128 Isopropylbenzene	250.0000	259.5821	3.8	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	264.6671	5.9	50.0
141 1,3,5-Trichlorobenzene	250.0000	258.5740	3.4	50.0
143 Methyl Acetate	500.0000	372.9539	25.4	50.0
144 Methylcyclohexane	250.0000	270.9595	8.4	50.0
22 Toluene-d8	250.0000	273.3682	9.3	50.0
32 Bromofluorobenzene	250.0000	273.0831	9.2	50.0
47 1,2-Dichloroethane-d4	250.0000	222.0834	11.2	50.0
131 Dibromofluoromethane	250.0000	261.2158	4.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:14

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 24-JUN-2004 10:54
Lab File ID: 143950.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.22336	0.010	4.5	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.29444	0.010	-11.2	50.0
$	6 Toluene-d8	1.71864	1.87929	0.010	9.3	50.0
$	7 Bromofluorobenzene	0.63176	0.69010	0.010	9.2	50.0
	8 Dichlorodifluoromethane	0.34700	0.38245	0.010	10.2	50.0
	9 Chloromethane	0.41068	0.34428	0.100	-16.2	50.0
	10 Vinyl Chloride	0.38963	0.38744	0.010	-0.6	20.0
	12 Chloroethane	0.24358	0.24487	0.010	0.5	50.0
	13 Trichlorofluoromethane	0.42859	0.46780	0.010	9.1	50.0
	15 Acrolein	0.04125	0.03024	0.010	-26.7	50.0
	16 Acetone	0.14987	0.10134	0.010	-32.4	50.0
	17 1,1-Dichloroethene	0.22692	0.25697	0.010	13.2	20.0
	18 Freon-113	0.13584	0.16527	0.010	21.7	50.0
	19 Iodomethane	250	271	0.010	-8.3	50.0
	20 Carbon Disulfide	0.89501	1.05733	0.010	18.1	50.0
	21 Methylene Chloride	0.30188	0.30800	0.010	2.0	50.0
	22 Acetonitrile	0.03093	0.02348	0.010	-24.1	50.0
	23 Acrylonitrile	0.09335	0.07432	0.010	-20.4	50.0
	24 Methyl tert-butyl ether	0.93522	0.80295	0.010	-14.1	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.29406	0.010	13.3	50.0
	26 Hexane	0.08280	0.09312	0.010	12.5	20.0
	27 Vinyl acetate	0.57722	0.41072	0.010	-28.8	50.0
	28 1,1-Dichloroethane	0.60330	0.55417	0.100	-8.1	50.0
	29 tert-Butyl Alcohol	0.02626	0.01899	0.010	-27.7	50.0
	30 2-Butanone	0.18347	0.13328	0.010	-27.4	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.30082	0.010	9.4	50.0
	32 cis-1,2-dichloroethene	0.29033	0.30758	0.010	5.9	50.0
	33 2,2-Dichloropropane	0.47405	0.45995	0.010	-3.0	50.0
	34 Bromochloromethane	0.09701	0.10270	0.010	5.9	50.0
	35 Chloroform	0.52703	0.52924	0.010	0.4	20.0
	36 Tetrahydrofuran	0.07485	0.05583	0.010	-25.4	50.0
	37 1,1,1-Trichloroethane	0.47421	0.46169	0.010	-2.6	50.0
	38 1,1-Dichloropropene	0.45609	0.46101	0.010	1.1	50.0
	39 Carbon Tetrachloride	0.35390	0.35670	0.010	0.8	50.0
	40 1,2-Dichloroethane	0.43001	0.34925	0.010	-18.8	50.0
	41 Benzene	1.26642	1.34831	0.010	6.5	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:14

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

Injection Date: 24-JUN-2004 10:54
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.24539	0.010	7.1	50.0	
	43 1,2-Dichloropropane	0.32528	0.31465	0.010	-3.3	20.0	
	44 1,4-Dioxane	0.00244	0.00207	0.010	-15.2	50.0	<-
	45 Dibromomethane	0.13867	0.14167	0.010	2.2	50.0	
	46 Bromodichloromethane	0.37148	0.37772	0.010	1.7	50.0	
	47 2-Chloroethyl vinyl ether	500	1162	0.010	-132.4	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.49272	0.010	5.3	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.20839	0.010	-26.5	50.0	
	50 Toluene	2.24247	2.37274	0.010	5.8	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.70577	0.010	0.1	50.0	
	52 Ethyl Methacrylate	250	221	0.010	11.5	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.37073	0.010	0.8	50.0	
	54 1,3-Dichloropropane	0.74981	0.75360	0.010	0.5	50.0	
	55 Tetrachloroethene	0.32042	0.33667	0.010	5.1	50.0	
	56 2-Hexanone	0.46207	0.29701	0.010	-35.7	50.0	
	57 Dibromochloromethane	0.30945	0.32949	0.010	6.5	50.0	
	58 1,2-Dibromoethane	0.32369	0.33005	0.010	2.0	50.0	
	59 Chlorobenzene	1.21534	1.26082	0.300	3.7	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.38119	0.010	9.1	50.0	
	61 Ethylbenzene	0.69698	0.74492	0.010	6.9	20.0	
	62 m + p-Xylene	0.86164	0.93118	0.010	8.1	50.0	
M	63 Xylenes (total)	0.83907	0.90981	0.010	8.4	50.0	
	64 Xylene-o	0.79393	0.86706	0.010	9.2	50.0	
	65 Styrene	1.29266	1.47009	0.010	13.7	50.0	
	66 Bromoform	0.17655	0.20313	0.100	15.1	50.0	
	67 Isopropylbenzene	250	260	0.010	-3.8	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.94164	0.300	-6.6	50.0	
	69 1,4-Dichloro-2-butene	250	181	0.010	27.5	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.26476	0.010	-9.0	50.0	
	71 Bromobenzene	0.83926	0.82808	0.010	-1.3	50.0	
	72 n-Propylbenzene	1.09797	1.16106	0.010	5.7	50.0	
	73 2-Chlorotoluene	0.86679	0.87579	0.010	1.0	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.92813	0.010	3.1	50.0	
	75 4-Chlorotoluene	0.87805	0.91174	0.010	3.8	50.0	
	76 tert-Butylbenzene	2.98596	3.11250	0.010	4.2	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.93734	0.010	3.5	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:14

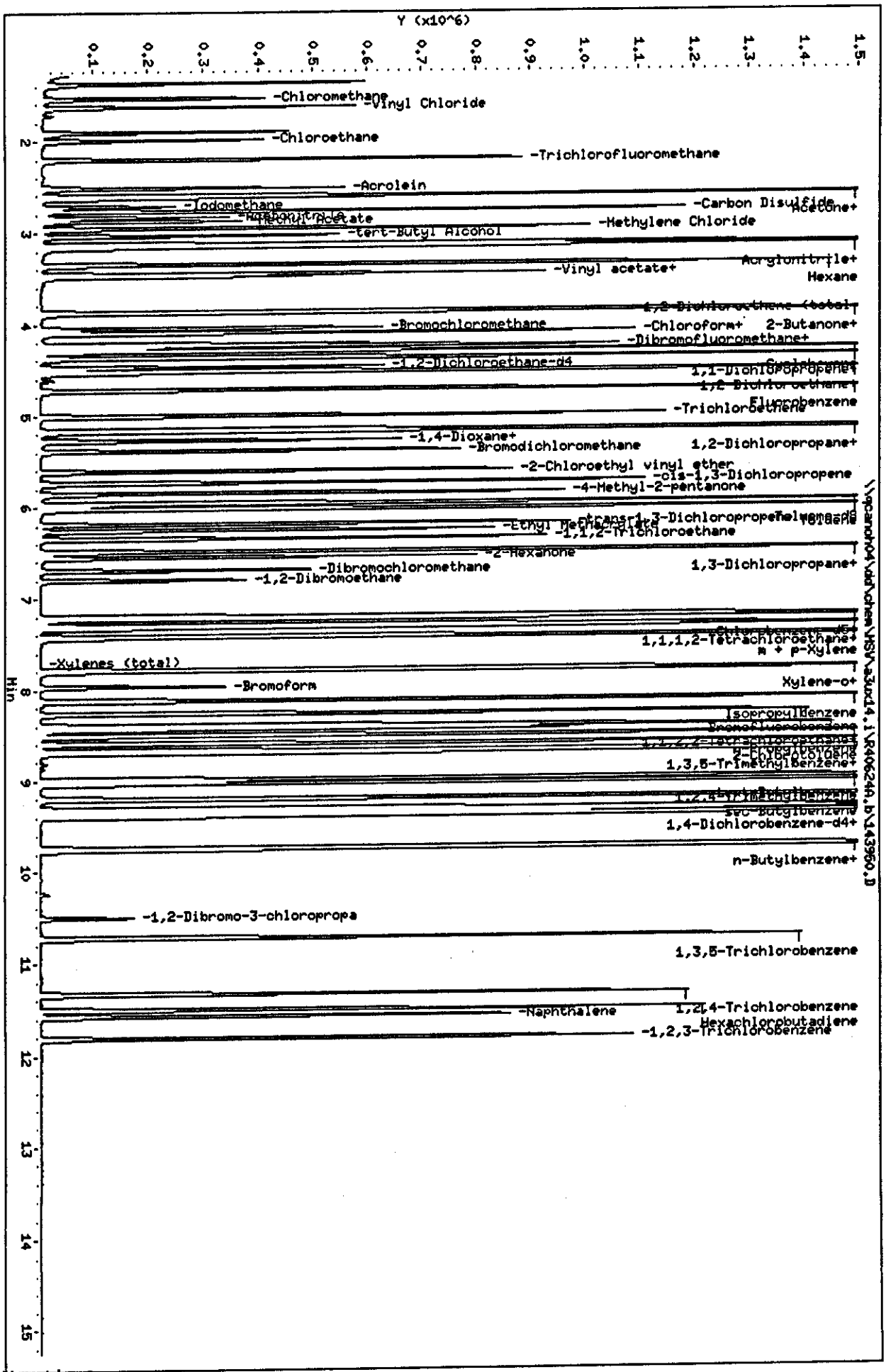
STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143950.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

Injection Date: 24-JUN-2004 10:54
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

			MIN		MAX
COMPOUND	RRF	RF250	RRF	%D	%D
78 sec-Butylbenzene	4.79406	5.12055	0.010	6.8	50.0
79 4-Isopropyltoluene	3.43070	3.78159	0.010	10.2	50.0
80 1,3-Dichlorobenzene	1.70146	1.62563	0.010	-4.5	50.0
81 1,4-Dichlorobenzene	1.71400	1.64440	0.010	-4.1	50.0
82 n-Butylbenzene	250	261	0.010	-4.5	50.0
83 1,2-Dichlorobenzene	1.57840	1.51037	0.010	-4.3	50.0
84 1,2-Dibromo-3-chloropropane	250	224	0.010	10.3	50.0
85 1,2,4-Trichlorobenzene	0.90731	0.91138	0.010	0.4	50.0
86 Hexachlorobutadiene	0.62800	0.67315	0.010	7.2	50.0
87 Naphthalene	250	179	0.010	28.5	50.0
88 1,2,3-Trichlorobenzene	0.92700	0.87924	0.010	-5.2	50.0
98 Cyclohexane	0.63636	0.56988	0.010	-10.4	50.0
143 Methyl Acetate	0.18436	0.13752	0.010	-25.4	50.0
144 Methylcyclohexane	0.59621	0.64620	0.010	8.4	50.0
141 1,3,5-Trichlorobenzene	1.10473	1.14262	0.010	3.4	50.0


Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R406240.b\143950.D
Date : 24-JUN-2004 10:54
Client ID:
Sample Info: 250NC-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Carbon Disulfide
-Iodomethane
-Methylene Chloride
-tert-Butyl Alcohol
-Vinyl acetate+
Acrylonitrile+
Hexane
-Bromochloromethane
-Chloroform+
2-Butanone+
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Ethyl Methacrylate
-1,1,2-Trichloroethane
Toluene-d8
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Xylenes (total)
-Bromoform
Xylene-o+
Isopropylbenzene
1,3,5-Trimethylbenzene+
n-Propylbenzene+
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
-Naphthalene
Hexachlorobutadiene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Lab Smp Id: 250NG-CC
Inj Date : 24-JUN-2004 10:54
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-CC
Misc Info : R40624A,8260SUX14,1-8260.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 24-Jun-2004 10:15 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	1168731	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	681345	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	347020	250.000	
$ 4 Dibromofluoromethane	113	4.217	4.217	(0.893)	261042	250.000	261.22
$ 5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	344116	250.000	222.08
$ 6 Toluene-d8	98	5.963	5.963	(0.828)	1280442	250.000	273.37
$ 7 Bromofluorobenzene	95	8.269	8.269	(1.149)	470193	250.000	273.08
8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	446981	250.000	275.54
9 Chloromethane	50	1.534	1.534	(0.325)	402376	250.000	209.58
10 Vinyl Chloride	62	1.631	1.631	(0.346)	452815	250.000	248.60
12 Chloroethane	64	1.990	1.990	(0.422)	286185	250.000	251.32
13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	546735	250.000	272.87
15 Acrolein	56	2.520	2.520	(0.534)	353466	2500.00	1833.0
16 Acetone	43	2.629	2.629	(0.557)	236876	500.000	338.08
17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	300327	250.000	283.10
18 Freon-113	151	2.599	2.599	(0.550)	193155	250.000	304.17
19 Iodomethane	142	2.714	2.714	(0.575)	213938	250.000	270.73

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	1235729	250.000	295.34
	21 Methylene Chloride	84	2.952	2.952	(0.625)	359967	250.000	255.07
	22 Acetonitrile	41	2.830	2.830	(0.599)	274373	2500.00	1897.8
	23 Acrylonitrile	53	3.122	3.122	(0.661)	868606	2500.00	1990.3
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	938437	250.000	214.64
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	343674	250.000	283.21
	26 Hexane	86	3.353	3.353	(0.710)	108832	250.000	281.17
	27 Vinyl acetate	43	3.481	3.481	(0.737)	480019	250.000	177.89
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	647680	250.000	229.64
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	443973	5000.00	3616.0
	30 2-Butanone	43	3.876	3.876	(0.821)	311535	500.000	363.23
M	31 1,2-Dichloroethene (total)	96				703150	500.000	548.07
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	359476	250.000	264.85
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	537559	250.000	242.56
	34 Bromochloromethane	128	4.047	4.047	(0.857)	120033	250.000	264.67
	35 Chloroform	83	4.101	4.101	(0.869)	618538	250.000	251.05
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	65247	250.000	186.46
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	539588	250.000	243.40
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	538800	250.000	252.70
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	416886	250.000	251.98
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	408182	250.000	203.05
	41 Benzene	78	4.521	4.521	(0.957)	1575806	250.000	266.16
	42 Trichloroethene	130	5.008	5.008	(1.061)	286798	250.000	267.64
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	367744	250.000	241.83
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	120990	12500.0	10598
	45 Dibromomethane	93	5.269	5.269	(1.116)	165574	250.000	255.42
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	441458	250.000	254.20
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	310783	500.000	1161.8
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	575853	250.000	263.19
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	487094	500.000	367.38
	50 Toluene	91	6.018	6.018	(0.836)	1616657	250.000	264.52
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	480871	250.000	250.15
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	385879	250.000	221.34
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	252598	250.000	252.02
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	513461	250.000	251.26
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	229391	250.000	262.68
	56 2-Hexanone	43	6.547	6.547	(0.910)	404727	500.000	321.38
	57 Dibromochloromethane	129	6.693	6.693	(0.930)	224493	250.000	266.19
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	224875	250.000	254.91
	59 Chlorobenzene	112	7.228	7.228	(1.004)	859053	250.000	259.36
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	259721	250.000	272.86
	61 Ethylbenzene	106	7.320	7.320	(1.017)	507547	250.000	267.20
	62 m + p-Xylene	106	7.423	7.423	(1.031)	1268909	500.000	540.36
M	63 Xylenes (total)	106				1859676	750.000	813.38
	64 Xylene-o	106	7.782	7.782	(1.081)	590767	250.000	273.03
	65 Styrene	104	7.794	7.794	(1.083)	1001637	250.000	284.31
	66 Bromoform	173	7.970	7.970	(1.107)	138399	250.000	267.40

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143950.D
Report Date: 24-Jun-2004 10:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.128)	1527695	250.000	259.58
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	326768	250.000	233.46
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	87487	250.000	181.20
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	91876	250.000	227.61
71 Bromobenzene	156	8.415	8.415	(0.898)	287361	250.000	246.67
72 n-Propylbenzene	120	8.506	8.506	(0.908)	402912	250.000	264.36
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	303918	250.000	252.60
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	1363138	250.000	257.64
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	316392	250.000	259.59
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	1080101	250.000	260.60
77 1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	1366335	250.000	258.82
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	1776934	250.000	267.03
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	1312289	250.000	275.57
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	564125	250.000	238.86
81 1,4-Dichlorobenzene	146	9.388	9.388	(1.002)	570639	250.000	239.85
82 n-Butylbenzene	91	9.735	9.735	(1.039)	1394828	250.000	261.24
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	524127	250.000	239.22
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	38741	250.000	224.20
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	316267	250.000	251.12
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	233595	250.000	267.97
87 Naphthalene	128	11.572	11.572	(1.235)	601897	250.000	178.71
88 1,2,3-Trichlorobenzene	180	11.815	11.815	(1.261)	305114	250.000	237.12
98 Cyclohexane	56	4.296	4.296	(0.910)	666042	250.000	223.88
143 Methyl Acetate	43	2.872	2.872	(0.608)	321445	500.000	372.95
144 Methylcyclohexane	83	5.160	5.160	(1.093)	755233	250.000	270.96
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	396511	250.000	258.57

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b/143951.D
Report Date: 06/24/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143951.D
Analysis Type: SOIL

Injection Date: 24-JUN-2004 11:18
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0	Bromomethane	100.0000	104.1495	4.1	50.0	
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0	
53	3-Chloropropene	250.0000	269.0977	7.6	50.0	
54	2-Chloro-1,3-butadiene	250.0000	203.0491	18.8	50.0	
55	Propionitrile	500.0000	510.2564	2.1	50.0	
56	Methacrylonitrile	250.0000	234.2306	6.3	50.0	
57	Isobutanol	5000.0000	4892.5033	2.1	50.0	
58	Methyl Methacrylate	250.0000	220.8169	11.7	50.0	
73	n-Butanol	5000.0000	4991.1511	0.2	50.0	
74	Ethyl Acetate	500.0000	471.1165	5.8	50.0	
75	Cyclohexanone	2500.0000	1480.2168	40.8	50.0	
76	Ethyl Ether	250.0000	242.1154	3.2	50.0	
85	Dichlorofluoromethane	250.0000	246.3135	1.5	50.0	
86	2-Nitropropane	500.0000	464.6970	7.1	50.0	
126	Isopropyl Ether	1250.0000	1285.2984	2.8	50.0	
130	Fluorobenzene	250.0000	250.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0	
146	2-Methylnaphthalene	500.0000	156.9008	68.6	50.0	<-

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143951.D
Report Date: 24-Jun-2004 11:14

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143951.D
Analysis Type: SOIL
Lab Sample ID: 250NG-A9CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m

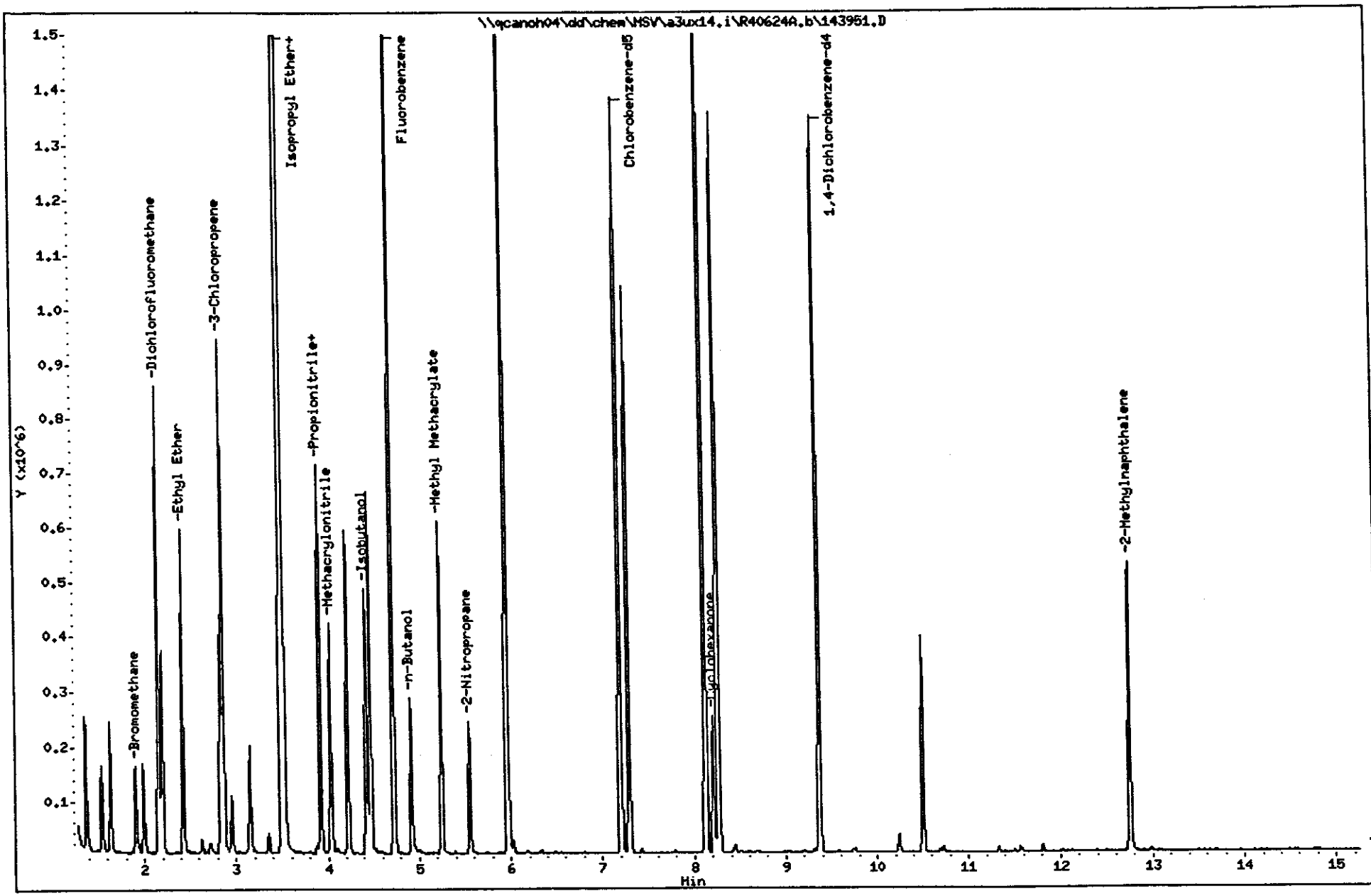
Injection Date: 24-JUN-2004 11:18
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

			MIN		MAX	
COMPOUND	RRF	RF250	RRF	%D	%D	
14 Dichlorofluoromethane	0.58124	0.57267	0.010	-1.5	50.0	
89 Ethyl Ether	0.22295	0.21592	0.010	-3.2	50.0	
91 3-Chloropropene	0.15415	0.16593	0.010	7.6	50.0	
92 Isopropyl Ether	0.25092	0.25801	0.010	2.8	50.0	
93 2-Chloro-1,3-butadiene	0.52846	0.42921	0.010	-18.8	50.0	
94 Propionitrile	0.03328	0.03396	0.010	2.1	50.0	
95 Ethyl Acetate	0.23537	0.22177	0.010	-5.8	50.0	
96 Methacrylonitrile	0.14098	0.13209	0.010	-6.3	50.0	
97 Isobutanol	0.01299	0.01271	0.010	-2.1	50.0	
99 n-Butanol	0.00990	0.00988	0.010	-0.2	50.0	<-
100 Methyl Methacrylate	0.19948	0.17620	0.010	-11.7	50.0	
101 2-Nitropropane	0.05627	0.05229	0.010	-7.1	50.0	
103 Cyclohexanone	2500	1480	0.010	40.8	50.0	
146 2-Methylnaphthalene	500	157	0.010	68.6	50.0	<-
11 Bromomethane	0.18002	0.18749	0.010	4.1	50.0	

Data File: \\qcanoh04\dd\chem\HSV\a3uxc14.i\R40624A.b\143951.D
Date : 24-JUN-2004 11:18
Client ID:
Sample Info: 250NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3uxc14.i

Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143951.D
Report Date: 24-Jun-2004 11:14

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143951.D
Lab Smp Id: 250NG-A9CC
Inj Date : 24-JUN-2004 11:18
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9CC
Misc Info : R40624A,8260SUX14,3-IX.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 24-Jun-2004 11:14 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	1144510	250.000	
* 2 Chlorobenzene-d5	117	7.204	7.204	(1.000)	647275	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	294039	250.000	
14 Dichlorofluoromethane	67	2.155	2.155	(0.456)	655423	250.000	246.31
89 Ethyl Ether	59	2.428	2.428	(0.514)	247119	250.000	242.12
91 3-Chloropropene	76	2.866	2.866	(0.607)	189909	250.000	269.10
92 Isopropyl Ether	87	3.499	3.499	(0.741)	1476479	1250.00	1285.3(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	491239	250.000	203.05
94 Propionitrile	54	3.919	3.919	(0.830)	77743	500.000	510.26
95 Ethyl Acetate	43	3.919	3.919	(0.830)	507641	500.000	471.12
96 Methacrylonitrile	41	4.028	4.028	(0.853)	151180	250.000	234.23
97 Isobutanol	41	4.424	4.424	(0.614)	164512	5000.00	4892.5(A)
99 n-Butanol	56	4.916	4.916	(0.682)	127959	5000.00	4991.2(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	201661	250.000	220.82
101 2-Nitropropane	41	5.555	5.555	(1.176)	119702	500.000	464.70
103 Cyclohexanone	55	8.208	8.208	(0.876)	91265	2500.00	1480.2
146 2-Methylnaphthalene	142	12.758	12.758	(1.362)	237242	500.000	156.90

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143951.D
Report Date: 24-Jun-2004 11:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
11 Bromomethane	94	1.905	1.905	(0.404)	85833	100.000	104.15

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 25-Jun-2004 16:50

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

25-JUN-2004 16:33	1-8260	143979.D
25-JUN-2004 16:57	3-IX	143980.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

Injection Date: 25-JUN-2004 16:33
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.20917	0.010	-2.2	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.27546	0.010	-16.9	50.0
$	6 Toluene-d8	1.71864	1.74350	0.010	1.4	50.0
$	7 Bromofluorobenzene	0.63176	0.63971	0.010	1.3	50.0
	8 Dichlorodifluoromethane	0.34700	0.36939	0.010	6.5	50.0
	9 Chloromethane	0.41068	0.35158	0.100	-14.4	50.0
	10 Vinyl Chloride	0.38963	0.38033	0.010	-2.4	20.0
	12 Chloroethane	0.24358	0.24654	0.010	1.2	50.0
	13 Trichlorofluoromethane	0.42859	0.46461	0.010	8.4	50.0
	15 Acrolein	0.04125	0.02697	0.010	-34.6	50.0
	16 Acetone	0.14987	0.10767	0.010	-28.2	50.0
	17 1,1-Dichloroethene	0.22692	0.24866	0.010	9.6	20.0
	18 Freon-113	0.13584	0.16754	0.010	23.3	50.0
	19 Iodomethane	250	254	0.010	-1.6	50.0
	20 Carbon Disulfide	0.89501	1.04927	0.010	17.2	50.0
	21 Methylene Chloride	0.30188	0.32310	0.010	7.0	50.0
	22 Acetonitrile	0.03093	0.02292	0.010	-25.9	50.0
	23 Acrylonitrile	0.09335	0.06949	0.010	-25.6	50.0
	24 Methyl tert-butyl ether	0.93522	0.75564	0.010	-19.2	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28939	0.010	11.5	50.0
	26 Hexane	0.08280	0.08726	0.010	5.4	20.0
	27 Vinyl acetate	0.57722	0.36154	0.010	-37.4	50.0
	28 1,1-Dichloroethane	0.60330	0.55165	0.100	-8.6	50.0
	29 tert-Butyl Alcohol	0.02626	0.01937	0.010	-26.2	50.0
	30 2-Butanone	0.18347	0.11694	0.010	-36.3	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.28364	0.010	3.2	50.0
	32 cis-1,2-dichloroethene	0.29033	0.27788	0.010	-4.3	50.0
	33 2,2-Dichloropropane	0.47405	0.42644	0.010	-10.0	50.0
	34 Bromochloromethane	0.09701	0.09768	0.010	0.7	50.0
	35 Chloroform	0.52703	0.50193	0.010	-4.8	20.0
	36 Tetrahydrofuran	0.07485	0.04477	0.010	-40.2	50.0
	37 1,1,1-Trichloroethane	0.47421	0.43158	0.010	-9.0	50.0
	38 1,1-Dichloropropene	0.45609	0.42040	0.010	-7.8	50.0
	39 Carbon Tetrachloride	0.35390	0.34355	0.010	-2.9	50.0
	40 1,2-Dichloroethane	0.43001	0.33529	0.010	-22.0	50.0
	41 Benzene	1.26642	1.24404	0.010	-1.8	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 25-JUN-2004 16:33
Lab File ID: 143979.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.22275	0.010	-2.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.28911	0.010	-11.1	20.0	
	44 1,4-Dioxane	0.00244	0.00200	0.010	-18.1	50.0	<-
	45 Dibromomethane	0.13867	0.13200	0.010	-4.8	50.0	
	46 Bromodichloromethane	0.37148	0.35736	0.010	-3.8	50.0	
	47 2-Chloroethyl vinyl ether	500	924	0.010	-84.7	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.43613	0.010	-6.8	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.17233	0.010	-39.2	50.0	
	50 Toluene	2.24247	2.24075	0.010	-0.1	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.64198	0.010	-9.0	50.0	
	52 Ethyl Methacrylate	250	193	0.010	22.9	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.34645	0.010	-5.8	50.0	
	54 1,3-Dichloropropane	0.74981	0.70099	0.010	-6.5	50.0	
	55 Tetrachloroethene	0.32042	0.31744	0.010	-0.9	50.0	
	56 2-Hexanone	0.46207	0.25046	0.010	-45.8	50.0	
	57 Dibromochloromethane	0.30945	0.30718	0.010	-0.7	50.0	
	58 1,2-Dibromoethane	0.32369	0.29901	0.010	-7.6	50.0	
	59 Chlorobenzene	1.21534	1.19131	0.300	-2.0	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.36459	0.010	4.4	50.0	
	61 Ethylbenzene	0.69698	0.70245	0.010	0.8	20.0	
	62 m + p-Xylene	0.86164	0.89417	0.010	3.8	50.0	
M	63 Xylenes (total)	0.83907	0.87065	0.010	3.8	50.0	
	64 Xylene-o	0.79393	0.82361	0.010	3.7	50.0	
	65 Styrene	1.29266	1.40211	0.010	8.5	50.0	
	66 Bromoform	250	252	0.100	-0.7	50.0	
	67 Isopropylbenzene	250	243	0.010	2.6	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.84162	0.300	-16.5	50.0	
	69 1,4-Dichloro-2-butene	250	160	0.010	36.0	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.23943	0.010	-17.7	50.0	
	71 Bromobenzene	0.83926	0.76898	0.010	-8.4	50.0	
	72 n-Propylbenzene	1.09797	1.07134	0.010	-2.4	50.0	
	73 2-Chlorotoluene	0.86679	0.82062	0.010	-5.3	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.64125	0.010	-4.5	50.0	
	75 4-Chlorotoluene	0.87805	0.83522	0.010	-4.9	50.0	
	76 tert-Butylbenzene	2.98596	2.83081	0.010	-5.2	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.63921	0.010	-4.3	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 25-JUN-2004 16:33
Lab File ID: 143979.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	4.76550	0.010	-0.6	50.0
79	4-Isopropyltoluene	3.43070	3.53232	0.010	3.0	50.0
80	1,3-Dichlorobenzene	1.70146	1.51627	0.010	-10.9	50.0
81	1,4-Dichlorobenzene	1.71400	1.52979	0.010	-10.7	50.0
82	n-Butylbenzene	250	242	0.010	3.1	50.0
83	1,2-Dichlorobenzene	1.57840	1.42087	0.010	-10.0	50.0
84	1,2-Dibromo-3-chloropropane	250	195	0.010	22.0	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.78824	0.010	-13.1	50.0
86	Hexachlorobutadiene	0.62800	0.61442	0.010	-2.2	50.0
87	Naphthalene	250	152	0.010	39.2	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.78917	0.010	-14.9	50.0
98	Cyclohexane	0.63636	0.50613	0.010	-20.5	50.0
143	Methyl Acetate	0.18436	0.13224	0.010	-28.3	50.0
144	Methylcyclohexane	0.59621	0.58477	0.010	-1.9	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.05998	0.010	-4.1	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:54

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

Injection Date: 25-JUN-2004 16:33
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.20917	0.010	-2.2	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.27546	0.010	-16.9	50.0
$	6 Toluene-d8	1.71864	1.74350	0.010	1.4	50.0
$	7 Bromofluorobenzene	0.63176	0.63971	0.010	1.3	50.0
	8 Dichlorodifluoromethane	0.34700	0.36939	0.010	6.5	50.0
	9 Chloromethane	0.41068	0.35158	0.100	-14.4	50.0
	10 Vinyl Chloride	0.38963	0.38033	0.010	-2.4	20.0
	12 Chloroethane	0.24358	0.24654	0.010	1.2	50.0
	13 Trichlorofluoromethane	0.42859	0.46461	0.010	8.4	50.0
	15 Acrolein	0.04125	0.02697	0.010	-34.6	50.0
	16 Acetone	0.14987	0.10767	0.010	-28.2	50.0
	17 1,1-Dichloroethene	0.22692	0.24866	0.010	9.6	20.0
	18 Freon-113	0.13584	0.16754	0.010	23.3	50.0
	19 Iodomethane	250	254	0.010	-1.6	50.0
	20 Carbon Disulfide	0.89501	1.04927	0.010	17.2	50.0
	21 Methylene Chloride	0.30188	0.32310	0.010	7.0	50.0
	22 Acetonitrile	0.03093	0.02292	0.010	-25.9	50.0
	23 Acrylonitrile	0.09335	0.06949	0.010	-25.6	50.0
	24 Methyl tert-butyl ether	0.93522	0.75564	0.010	-19.2	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28939	0.010	11.5	50.0
	26 Hexane	0.08280	0.08726	0.010	5.4	20.0
	27 Vinyl acetate	0.57722	0.36154	0.010	-37.4	50.0
	28 1,1-Dichloroethane	0.60330	0.55165	0.100	-8.6	50.0
	29 tert-Butyl Alcohol	0.02626	0.01937	0.010	-26.2	50.0
	30 2-Butanone	0.18347	0.11694	0.010	-36.3	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.28364	0.010	3.2	50.0
	32 cis-1,2-dichloroethene	0.29033	0.27788	0.010	-4.3	50.0
	33 2,2-Dichloropropane	0.47405	0.42644	0.010	-10.0	50.0
	34 Bromochloromethane	0.09701	0.09768	0.010	0.7	50.0
	35 Chloroform	0.52703	0.50193	0.010	-4.8	20.0
	36 Tetrahydrofuran	0.07485	0.04477	0.010	-40.2	50.0
	37 1,1,1-Trichloroethane	0.47421	0.43158	0.010	-9.0	50.0
	38 1,1-Dichloropropene	0.45609	0.42040	0.010	-7.8	50.0
	39 Carbon Tetrachloride	0.35390	0.34355	0.010	-2.9	50.0
	40 1,2-Dichloroethane	0.43001	0.33529	0.010	-22.0	50.0
	41 Benzene	1.26642	1.24404	0.010	-1.8	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:54

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

Injection Date: 25-JUN-2004 16:33
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.22275	0.010	-2.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.28911	0.010	-11.1	20.0	
	44 1,4-Dioxane	0.00244	0.00200	0.010	-18.1	50.0	<-
	45 Dibromomethane	0.13867	0.13200	0.010	-4.8	50.0	
	46 Bromodichloromethane	0.37148	0.35736	0.010	-3.8	50.0	
	47 2-Chloroethyl vinyl ether	500	924	0.010	-84.7	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.43613	0.010	-6.8	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.17233	0.010	-39.2	50.0	
	50 Toluene	2.24247	2.24075	0.010	-0.1	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.64198	0.010	-9.0	50.0	
	52 Ethyl Methacrylate	250	193	0.010	22.9	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.34645	0.010	-5.8	50.0	
	54 1,3-Dichloropropane	0.74981	0.70099	0.010	-6.5	50.0	
	55 Tetrachloroethene	0.32042	0.31744	0.010	-0.9	50.0	
	56 2-Hexanone	0.46207	0.25046	0.010	-45.8	50.0	
	57 Dibromochloromethane	0.30945	0.30718	0.010	-0.7	50.0	
	58 1,2-Dibromoethane	0.32369	0.29901	0.010	-7.6	50.0	
	59 Chlorobenzene	1.21534	1.19131	0.300	-2.0	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.36459	0.010	4.4	50.0	
	61 Ethylbenzene	0.69698	0.70245	0.010	0.8	20.0	
	62 m + p-Xylene	0.86164	0.89417	0.010	3.8	50.0	
M	63 Xylenes (total)	0.83907	0.87065	0.010	3.8	50.0	
	64 Xylene-o	0.79393	0.82361	0.010	3.7	50.0	
	65 Styrene	1.29266	1.40211	0.010	8.5	50.0	
	66 Bromoform	0.17655	0.19041	0.100	7.8	50.0	
	67 Isopropylbenzene	250	243	0.010	2.6	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.84162	0.300	-16.5	50.0	
	69 1,4-Dichloro-2-butene	250	160	0.010	36.0	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.23943	0.010	-17.7	50.0	
	71 Bromobenzene	0.83926	0.76898	0.010	-8.4	50.0	
	72 n-Propylbenzene	1.09797	1.07134	0.010	-2.4	50.0	
	73 2-Chlorotoluene	0.86679	0.82062	0.010	-5.3	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.64125	0.010	-4.5	50.0	
	75 4-Chlorotoluene	0.87805	0.83522	0.010	-4.9	50.0	
	76 tert-Butylbenzene	2.98596	2.83081	0.010	-5.2	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.63921	0.010	-4.3	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:54

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

Injection Date: 25-JUN-2004 16:33
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78 sec-Butylbenzene	4.79406	4.76550	0.010	-0.6	50.0
79 4-Isopropyltoluene	3.43070	3.53232	0.010	3.0	50.0
80 1,3-Dichlorobenzene	1.70146	1.51627	0.010	-10.9	50.0
81 1,4-Dichlorobenzene	1.71400	1.52979	0.010	-10.7	50.0
82 n-Butylbenzene	250	242	0.010	3.1	50.0
83 1,2-Dichlorobenzene	1.57840	1.42087	0.010	-10.0	50.0
84 1,2-Dibromo-3-chloropropane	250	195	0.010	22.0	50.0
85 1,2,4-Trichlorobenzene	0.90731	0.78824	0.010	-13.1	50.0
86 Hexachlorobutadiene	0.62800	0.61442	0.010	-2.2	50.0
87 Naphthalene	250	152	0.010	39.2	50.0
88 1,2,3-Trichlorobenzene	0.92700	0.78917	0.010	-14.9	50.0
98 Cyclohexane	0.63636	0.50613	0.010	-20.5	50.0
143 Methyl Acetate	0.18436	0.13224	0.010	-28.3	50.0
144 Methylcyclohexane	0.59621	0.58477	0.010	-1.9	50.0
141 1,3,5-Trichlorobenzene	1.10473	1.05998	0.010	-4.1	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b/143979.D
Report Date: 06/25/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL

Injection Date: 25-JUN-2004 16:33
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	cis-1,3-Dichloropropene	250.0000	232.9594	6.8	50.0
0	1,2-Dichloropropane	250.0000	222.1986	11.1	20.0
0	1,1-Dichloroethane	250.0000	228.5965	8.6	50.0
0	Xylenes (total)	750.0000	778.2252	3.8	50.0
0	trans-1,2-Dichloroethene	250.0000	278.7208	11.5	50.0
0	1,1,2,2-Tetrachloroethane	250.0000	208.6579	16.5	50.0
0	Bromoform	250.0000	251.7273	0.7	50.0
0	2-Hexanone	500.0000	271.0158	45.8	50.0
0	Chloromethane	250.0000	214.0235	14.4	50.0
0	Vinyl Chloride	250.0000	244.0344	2.4	20.0
0	Chloroethane	250.0000	253.0368	1.2	50.0
0	Xylene-o	250.0000	259.3481	3.7	50.0
0	4-Methyl-2-pentanone	500.0000	303.8152	39.2	50.0
0	Acetone	500.0000	359.1946	28.2	50.0
0	1,1-Dichloroethene	250.0000	273.9464	9.6	20.0
0	Bromodichloromethane	250.0000	240.4988	3.8	50.0
0	trans-1,3-Dichloropropene	250.0000	227.5406	9.0	50.0
0	Carbon Disulfide	250.0000	293.0904	17.2	50.0
0	Methylene Chloride	250.0000	267.5747	7.0	50.0
0	Toluene	250.0000	249.8086	0.1	20.0
0	Trichloroethene	250.0000	242.9404	2.8	50.0
0	Styrene	250.0000	271.1681	8.5	50.0
0	Benzene	250.0000	245.5807	1.8	50.0
0	Carbon Tetrachloride	250.0000	242.6914	2.9	50.0
0	1,2-Dichloroethane	250.0000	194.9329	22.0	50.0
0	1,1,2-Trichloroethane	250.0000	235.5144	5.8	50.0
0	Tetrachloroethene	250.0000	247.6721	0.9	50.0
0	2-Butanone	500.0000	318.7023	36.3	50.0
0	1,2-Dichloroethene (total)	500.0000	518.0056	3.6	50.0
0	cis-1,2-dichloroethene	250.0000	239.2847	4.3	50.0
0	m + p-Xylene	500.0000	518.8771	3.8	50.0
0	Ethylbenzene	250.0000	251.9637	0.8	20.0
0	Chloroform	250.0000	238.0932	4.8	20.0
0	Chlorobenzene	250.0000	245.0573	2.0	50.0
0	1,1,1-Trichloroethane	250.0000	227.5267	9.0	50.0
0	Dibromochloromethane	250.0000	248.1648	0.7	50.0
38	Dichlorodifluoromethane	250.0000	266.1281	6.5	50.0
39	Trichlorofluoromethane	250.0000	271.0055	8.4	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b/143979.D
Report Date: 06/25/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL

Injection Date: 25-JUN-2004 16:33
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Acrolein	2500.0000	1634.8506	34.6	50.0	
41 Acrylonitrile	2500.0000	1860.9815	25.6	50.0	
42 Vinyl acetate	250.0000	156.5859	37.4	50.0	
43 2-Chloroethyl vinyl ether	500.0000	923.5374	84.7	50.0	<-
47 Freon-113	250.0000	308.3399	23.3	50.0	
48 1,3-Dichlorobenzene	250.0000	222.7901	10.9	50.0	
49 1,4-Dichlorobenzene	250.0000	223.1322	10.7	50.0	
50 1,2-Dichlorobenzene	250.0000	225.0486	10.0	50.0	
51 Acetonitrile	2500.0000	1853.1950	25.9	50.0	
52 Iodomethane	250.0000	253.8855	1.6	50.0	
59 1,4-Dioxane	12500.0000	10234.3549	18.1	50.0	
60 Dibromomethane	250.0000	237.9847	4.8	50.0	
62 Ethyl Methacrylate	250.0000	192.8118	22.9	50.0	
63 1,2-Dibromoethane	250.0000	230.9381	7.6	50.0	
64 1,1,1,2-Tetrachloroethane	250.0000	260.9799	4.4	50.0	
65 1,2,3-Trichloropropane	250.0000	205.8324	17.7	50.0	
66 1,4-Dichloro-2-butene	250.0000	160.0261	36.0	50.0	
69 1,2-Dibromo-3-chloropropane	250.0000	195.1189	22.0	50.0	
82 Methyl tert-butyl ether	250.0000	201.9946	19.2	50.0	
84 Tetrahydrofuran	250.0000	149.5460	40.2	50.0	
98 2,2-Dichloropropane	250.0000	224.8901	10.0	50.0	
99 1,1-Dichloropropene	250.0000	230.4380	7.8	50.0	
100 1,3-Dichloropropane	250.0000	233.7218	6.5	50.0	
102 Bromobenzene	250.0000	229.0648	8.4	50.0	
103 2-Chlorotoluene	250.0000	236.6829	5.3	50.0	
104 n-Propylbenzene	250.0000	243.9365	2.4	50.0	
105 4-Chlorotoluene	250.0000	237.8060	4.9	50.0	
106 1,3,5-Trimethylbenzene	250.0000	238.8259	4.5	50.0	
107 tert-Butylbenzene	250.0000	237.0104	5.2	50.0	
108 1,2,4-Trimethylbenzene	250.0000	239.2246	4.3	50.0	
109 sec-Butylbenzene	250.0000	248.5108	0.6	50.0	
110 4-Isopropyltoluene	250.0000	257.4047	3.0	50.0	
111 n-Butylbenzene	250.0000	242.1336	3.1	50.0	
112 1,2,4-Trichlorobenzene	250.0000	217.1923	13.1	50.0	
113 Naphthalene	250.0000	152.0103	39.2	50.0	
114 Hexachlorobutadiene	250.0000	244.5912	2.2	50.0	
115 1,2,3-Trichlorobenzene	250.0000	212.8281	14.9	50.0	
124 tert-Butyl Alcohol	5000.0000	3687.9332	26.2	50.0	
125 Hexane	250.0000	263.4757	5.4	20.0	

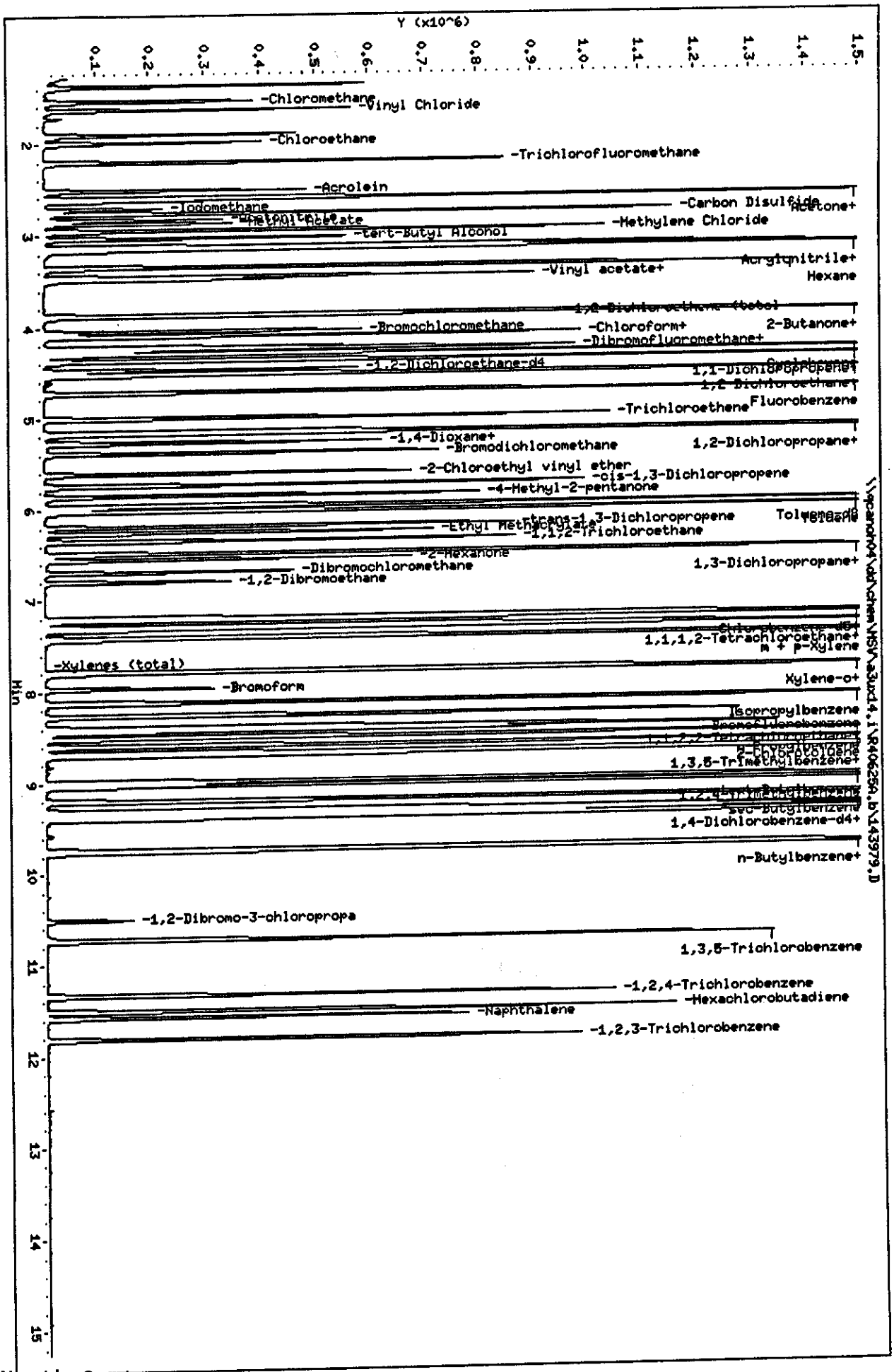
Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b/143979.D
Report Date: 06/25/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 143979.D
Analysis Type: SOIL

Injection Date: 25-JUN-2004 16:33
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
127 Cyclohexane	250.0000	198.8390	20.5	50.0
128 Isopropylbenzene	250.0000	243.4510	2.6	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	251.7095	0.7	50.0
141 1,3,5-Trichlorobenzene	250.0000	239.8725	4.1	50.0
143 Methyl Acetate	500.0000	358.6436	28.3	50.0
144 Methylcyclohexane	250.0000	245.1998	1.9	50.0
22 Toluene-d8	250.0000	253.6160	1.4	50.0
32 Bromofluorobenzene	250.0000	253.1439	1.3	50.0
47 1,2-Dichloroethane-d4	250.0000	207.7728	16.9	50.0
131 Dibromofluoromethane	250.0000	244.6230	2.2	50.0



Data File: \\qcandh04\dd\chem\HSV\a3ud14.i\R406250.b\143979.D
Date : 25-JUN-2004 16:33
Client ID:
Sample Info: 250NG-CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ud14.i
Operator: 2807
Column diameter: 0.18

\\qcandh04\dd\chem\HSV\a3ud14.i\R406250.b\143979.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Lab Smp Id: 250NG-CC
Inj Date : 25-JUN-2004 16:33
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-CC
Misc Info : R40625A,8260SUX14,1-8260.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Meth Date : 25-Jun-2004 15:55 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1145251	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	661688	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	350969	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	239549	250.000	244.62
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	315474	250.000	207.77
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1153652	250.000	253.62
$	7 Bromofluorobenzene	95	8.269	8.269	(1.149)	423287	250.000	253.14
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	423041	250.000	266.13
	9 Chloromethane	50	1.534	1.534	(0.325)	402648	250.000	214.02
	10 Vinyl Chloride	62	1.625	1.625	(0.344)	435577	250.000	244.03
	12 Chloroethane	64	1.990	1.990	(0.422)	282347	250.000	253.04
	13 Trichlorofluoromethane	101	2.197	2.197	(0.465)	532090	250.000	271.00
	15 Acrolein	56	2.520	2.520	(0.534)	308923	2500.00	1634.8
	16 Acetone	43	2.629	2.629	(0.557)	246610	500.000	359.19
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	284779	250.000	273.95
	18 Freon-113	151	2.599	2.599	(0.550)	191870	250.000	308.34
	19 Iodomethane	142	2.714	2.714	(0.575)	195253	250.000	253.88

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	1201682	250.000	293.09
	21 Methylene Chloride	84	2.951	2.951	(0.625)	370028	250.000	267.57
	22 Acetonitrile	41	2.830	2.830	(0.599)	262538	2500.00	1853.2
	23 Acrylonitrile	53	3.122	3.122	(0.661)	795839	2500.00	1861.0
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	865398	250.000	201.99
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	331428	250.000	278.72
	26 Hexane	86	3.353	3.353	(0.710)	99935	250.000	263.48
	27 Vinyl acetate	43	3.481	3.481	(0.737)	414051	250.000	156.58
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	631781	250.000	228.60
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	443713	5000.00	3687.9
	30 2-Butanone	43	3.876	3.876	(0.821)	267855	500.000	318.70
M	31 1,2-Dichloroethene (total)	96				649675	500.000	518.00
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	318247	250.000	239.28
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	488380	250.000	224.89
	34 Bromochloromethane	128	4.047	4.047	(0.857)	111863	250.000	251.71
	35 Chloroform	83	4.101	4.101	(0.869)	574836	250.000	238.09
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	51278	250.000	149.55
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	494266	250.000	227.53
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	481465	250.000	230.44
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	393456	250.000	242.69
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	383991	250.000	194.93
	41 Benzene	78	4.521	4.521	(0.957)	1424733	250.000	245.58
	42 Trichloroethene	130	5.008	5.008	(1.061)	255099	250.000	242.94
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	331101	250.000	222.20
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	114493	12500.0	10234
	45 Dibromomethane	93	5.269	5.269	(1.116)	151174	250.000	237.98
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	409266	250.000	240.50
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	230665	500.000	923.54
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	499475	250.000	232.96
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	394727	500.000	303.82
	50 Toluene	91	6.018	6.018	(0.836)	1482680	250.000	249.81
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	424791	250.000	227.54
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	324514	250.000	192.81
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	229242	250.000	235.51
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	463835	250.000	233.72
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	210045	250.000	247.67
	56 2-Hexanone	43	6.547	6.547	(0.910)	331449	500.000	271.02
	57 Dibromochloromethane	129	6.693	6.693	(0.930)	203255	250.000	248.16
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	197850	250.000	230.94
	59 Chlorobenzene	112	7.228	7.228	(1.004)	788275	250.000	245.06
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	241244	250.000	260.98
	61 Ethylbenzene	106	7.319	7.319	(1.017)	464803	250.000	251.96
	62 m + p-Xylene	106	7.423	7.423	(1.031)	1183319	500.000	518.88
M	63 Xylenes (total)	106				1728293	750.000	778.22
	64 Xylene-o	106	7.782	7.782	(1.081)	544974	250.000	259.35
	65 Styrene	104	7.794	7.794	(1.083)	927760	250.000	271.17
	66 Bromoform	173	7.970	7.970	(1.107)	125991	250.000	251.73

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143979.D
Report Date: 25-Jun-2004 15:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.128)	1386895	250.000	243.45
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	295382	250.000	208.66
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	77374	250.000	160.03
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	84031	250.000	205.83
71 Bromobenzene	156	8.415	8.415	(0.898)	269887	250.000	229.06
72 n-Propylbenzene	120	8.506	8.506	(0.908)	376008	250.000	243.94
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	288011	250.000	236.68
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	1277965	250.000	238.82
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	293137	250.000	237.80
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	993527	250.000	237.01
77 1,2,4-Trimethylbenzene	105	9.029	9.029	(0.964)	1277251	250.000	239.22
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	1672542	250.000	248.51
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	1239734	250.000	257.40
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	532164	250.000	222.79
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	536909	250.000	223.13
82 n-Butylbenzene	91	9.735	9.735	(1.039)	1300162	250.000	242.13
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	498681	250.000	225.05
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	33650	250.000	195.12
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	276648	250.000	217.19
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	215641	250.000	244.59
87 Naphthalene	128	11.572	11.572	(1.235)	513118	250.000	152.01
88 1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	276973	250.000	212.83
98 Cyclohexane	56	4.296	4.296	(0.910)	579648	250.000	198.84
143 Methyl Acetate	43	2.872	2.872	(0.608)	302901	500.000	358.64
144 Methylcyclohexane	83	5.160	5.160	(1.093)	669704	250.000	245.20
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	372019	250.000	239.87

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143980.D
Report Date: 25-Jun-2004 16:48

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 143980.D
Analysis Type: SOIL
Lab Sample ID: 250NG-A9CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m

Injection Date: 25-JUN-2004 16:57
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
14 Dichlorofluoromethane	0.58124	0.55135	0.010	-5.1	50.0	
89 Ethyl Ether	0.22295	0.19945	0.010	-10.5	50.0	
91 3-Chloropropene	0.15415	0.15879	0.010	3.0	50.0	
92 Isopropyl Ether	0.25092	0.26068	0.010	3.9	50.0	
93 2-Chloro-1,3-butadiene	0.52846	0.42337	0.010	-19.9	50.0	
94 Propionitrile	0.03328	0.03083	0.010	-7.4	50.0	
95 Ethyl Acetate	0.23537	0.19979	0.010	-15.1	50.0	
96 Methacrylonitrile	0.14098	0.12140	0.010	-13.9	50.0	
97 Isobutanol	0.01299	0.01217	0.010	-6.3	50.0	
99 n-Butanol	0.00990	0.00878	0.010	-11.4	50.0	<-
100 Methyl Methacrylate	0.19948	0.15686	0.010	-21.4	50.0	
101 2-Nitropropane	0.05627	0.04711	0.010	-16.3	50.0	
103 Cyclohexanone	2500	1468	0.010	41.3	50.0	
146 2-Methylnaphthalene	500	150	0.010	69.9	50.0	<-
11 Bromomethane	0.18002	0.19091	0.010	6.0	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b/143980.D
Report Date: 06/25/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

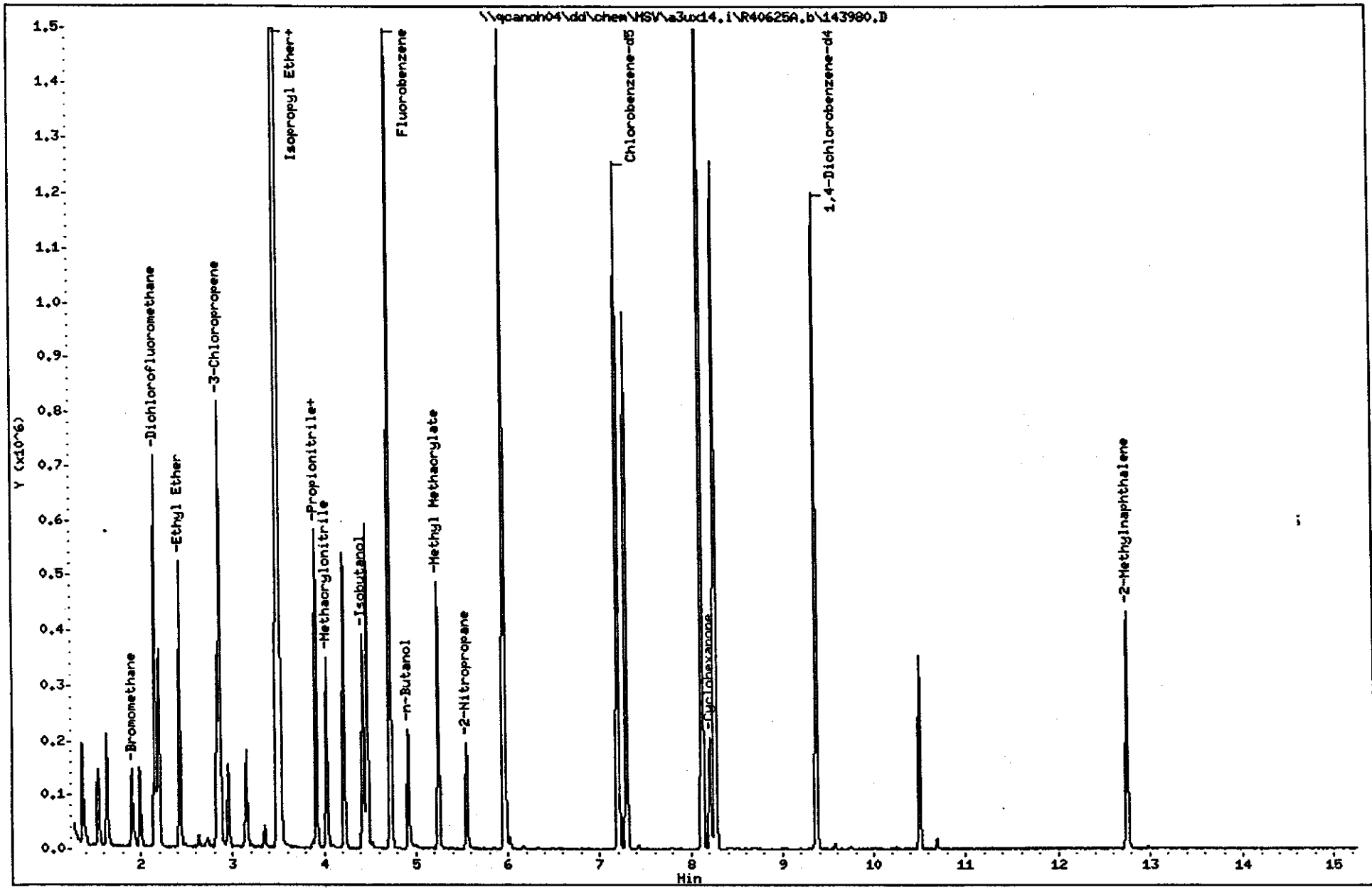
Instrument ID: a3ux14.i
Lab File ID: 143980.D
Analysis Type: SOIL

Injection Date: 25-JUN-2004 16:57
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0	Bromomethane	100.0000	106.0476	6.0	50.0	
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0	
53	3-Chloropropene	250.0000	257.5122	3.0	50.0	
54	2-Chloro-1,3-butadiene	250.0000	200.2857	19.9	50.0	
55	Propionitrile	500.0000	463.2454	7.4	50.0	
56	Methacrylonitrile	250.0000	215.2778	13.9	50.0	
57	Isobutanol	5000.0000	4686.9016	6.3	50.0	
58	Methyl Methacrylate	250.0000	196.5865	21.4	50.0	
73	n-Butanol	5000.0000	4431.4305	11.4	50.0	
74	Ethyl Acetate	500.0000	424.4288	15.1	50.0	
75	Cyclohexanone	2500.0000	1468.3459	41.3	50.0	
76	Ethyl Ether	250.0000	223.6475	10.5	50.0	
85	Dichlorofluoromethane	250.0000	237.1429	5.1	50.0	
86	2-Nitropropane	500.0000	418.6642	16.3	50.0	
126	Isopropyl Ether	1250.0000	1298.6098	3.9	50.0	
130	Fluorobenzene	250.0000	250.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0	
146	2-Methylnaphthalene	500.0000	150.3597	69.9	50.0	<-

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40625A.b\143980.D
Date : 25-JUN-2004 16:57
Client ID:
Sample Info: 250NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143980.D
Report Date: 25-Jun-2004 16:48

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143980.D
Lab Smp Id: 250NG-A9CC
Inj Date : 25-JUN-2004 16:57
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9CC
Misc Info : R40625A,8260SUX14,3-IX.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Meth Date : 25-Jun-2004 16:48 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	1030994	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	565077	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	256737	250.000	
14 Dichlorofluoromethane	67	2.154	2.154	(0.456)	568434	250.000	237.14
89 Ethyl Ether	59	2.428	2.428	(0.514)	205629	250.000	223.65
91 3-Chloropropene	76	2.866	2.866	(0.607)	163708	250.000	257.51
92 Isopropyl Ether	87	3.499	3.499	(0.741)	1343812	1250.00	1298.6(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	436494	250.000	200.28
94 Propionitrile	54	3.913	3.913	(0.829)	63580	500.000	463.24
95 Ethyl Acetate	43	3.919	3.919	(0.830)	411974	500.000	424.43
96 Methacrylonitrile	41	4.028	4.028	(0.853)	125166	250.000	215.28
97 Isobutanol	41	4.424	4.424	(0.615)	137585	5000.00	4686.9(A)
99 n-Butanol	56	4.922	4.922	(0.684)	99182	5000.00	4431.4(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	161726	250.000	196.59
101 2-Nitropropane	41	5.555	5.555	(1.176)	97148	500.000	418.66
103 Cyclohexanone	55	8.208	8.208	(0.876)	79194	2500.00	1468.3
146 2-Methylnaphthalene	142	12.758	12.758	(1.362)	192316	500.000	150.36

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143980.D
Report Date: 25-Jun-2004 16:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
11 Bromomethane	94	1.905	1.905	(0.404)	78729	100.000	106.05

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 28-Jun-2004 12:42

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m
Start Cal Date: 28-MAY-2004 15:23
End Cal Date : 02-JUN-2004 12:41
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
02-JUN-2004 12:41	3-IX	143542.D
28-MAY-2004 20:16	BRME	143460.D
28-MAY-2004 17:25	1-8260	143453.D
Cal Level: 2 , Cal Amount: 50.000		
02-JUN-2004 12:17	3-IX	143541.D
28-MAY-2004 19:52	BRME	143459.D
28-MAY-2004 17:01	1-8260	143452.D
Cal Level: 3 , Cal Amount: 100.00		
02-JUN-2004 11:53	3-IX	143540.D
28-MAY-2004 19:27	BRME	143458.D
28-MAY-2004 16:36	1-8260	143451.D
Cal Level: 4 , Cal Amount: 250.00		
02-JUN-2004 11:28	3-IX	143539.D
28-MAY-2004 19:03	BRME	143457.D
28-MAY-2004 16:12	1-8260	143450.D
Cal Level: 5 , Cal Amount: 500.00		
02-JUN-2004 11:04	3-IX	143538.D
28-MAY-2004 18:38	BRME	143456.D
28-MAY-2004 15:47	1-8260	143449.D
Cal Level: 6 , Cal Amount: 1000.0		
02-JUN-2004 10:39	3-IX	143537.D
28-MAY-2004 18:14	BRME	143455.D
28-MAY-2004 15:23	1-8260	143448.D

Continuing Calibration

28-JUN-2004 11:15	1-8260	144008.D
28-JUN-2004 11:39	3-IX	144009.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

Injection Date: 28-JUN-2004 11:15
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.20911	0.010	-2.2	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.27380	0.010	-17.4	50.0
$	6 Toluene-d8	1.71864	1.67127	0.010	-2.8	50.0
$	7 Bromofluorobenzene	0.63176	0.63847	0.010	1.1	50.0
	8 Dichlorodifluoromethane	0.34700	0.36585	0.010	5.4	50.0
	9 Chloromethane	0.41068	0.34611	0.100	-15.7	50.0
	10 Vinyl Chloride	0.38963	0.38101	0.010	-2.2	20.0
	12 Chloroethane	0.24358	0.23418	0.010	-3.9	50.0
	13 Trichlorofluoromethane	0.42859	0.46400	0.010	8.3	50.0
	15 Acrolein	0.04125	0.03638	0.010	-11.8	50.0
	16 Acetone	0.14987	0.11085	0.010	-26.0	50.0
	17 1,1-Dichloroethene	0.22692	0.24296	0.010	7.1	20.0
	18 Freon-113	0.13584	0.16176	0.010	19.1	50.0
	19 Iodomethane	250	265	0.010	-5.8	50.0
	20 Carbon Disulfide	0.89501	0.99958	0.010	11.7	50.0
	21 Methylene Chloride	0.30188	0.32499	0.010	7.7	50.0
	22 Acetonitrile	0.03093	0.02473	0.010	-20.0	50.0
	23 Acrylonitrile	0.09335	0.08086	0.010	-13.4	50.0
	24 Methyl tert-butyl ether	0.93522	0.79507	0.010	-15.0	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28656	0.010	10.4	50.0
	26 Hexane	0.08280	0.08331	0.010	0.6	20.0
	27 Vinyl acetate	0.57722	0.45222	0.010	-21.7	50.0
	28 1,1-Dichloroethane	0.60330	0.54060	0.100	-10.4	50.0
	29 tert-Butyl Alcohol	0.02626	0.01823	0.010	-30.6	50.0
	30 2-Butanone	0.18347	0.12909	0.010	-29.6	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.27976	0.010	1.7	50.0
	32 cis-1,2-dichloroethene	0.29033	0.27296	0.010	-6.0	50.0
	33 2,2-Dichloropropane	0.47405	0.42037	0.010	-11.3	50.0
	34 Bromochloromethane	0.09701	0.09608	0.010	-1.0	50.0
	35 Chloroform	0.52703	0.48827	0.010	-7.4	20.0
	36 Tetrahydrofuran	0.07485	0.05086	0.010	-32.1	50.0
	37 1,1,1-Trichloroethane	0.47421	0.41846	0.010	-11.8	50.0
	38 1,1-Dichloropropene	0.45609	0.40216	0.010	-11.8	50.0
	39 Carbon Tetrachloride	0.35390	0.32963	0.010	-6.9	50.0
	40 1,2-Dichloroethane	0.43001	0.32862	0.010	-23.6	50.0
	41 Benzene	1.26642	1.19870	0.010	-5.3	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

Injection Date: 28-JUN-2004 11:15
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.21584	0.010	-5.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.27843	0.010	-14.4	20.0	
	44 1,4-Dioxane	0.00244	0.00173	0.010	-29.3	50.0	<-
	45 Dibromomethane	0.13867	0.13308	0.010	-4.0	50.0	
	46 Bromodichloromethane	0.37148	0.34708	0.010	-6.6	50.0	
	47 2-Chloroethyl vinyl ether	500	1099	0.010	-119.7	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.43659	0.010	-6.7	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.19581	0.010	-31.0	50.0	
	50 Toluene	2.24247	2.11284	0.010	-5.8	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.64019	0.010	-9.2	50.0	
	52 Ethyl Methacrylate	250	203	0.010	18.7	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.34454	0.010	-6.3	50.0	
	54 1,3-Dichloropropane	0.74981	0.68268	0.010	-9.0	50.0	
	55 Tetrachloroethene	0.32042	0.30266	0.010	-5.5	50.0	
	56 2-Hexanone	0.46207	0.27822	0.010	-39.8	50.0	
	57 Dibromochloromethane	0.30945	0.30571	0.010	-1.2	50.0	
	58 1,2-Dibromoethane	0.32369	0.30173	0.010	-6.8	50.0	
	59 Chlorobenzene	1.21534	1.13088	0.300	-6.9	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.34320	0.010	-1.7	50.0	
	61 Ethylbenzene	0.69698	0.65939	0.010	-5.4	20.0	
	62 m + p-Xylene	0.86164	0.83378	0.010	-3.2	50.0	
M	63 Xylenes (total)	0.83907	0.81369	0.010	-3.0	50.0	
	64 Xylene-o	0.79393	0.77350	0.010	-2.6	50.0	
	65 Styrene	1.29266	1.32291	0.010	2.3	50.0	
	66 Bromoform	250	255	0.100	-2.1	50.0	
	67 Isopropylbenzene	250	230	0.010	7.9	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.89854	0.300	-10.9	50.0	
	69 1,4-Dichloro-2-butene	250	175	0.010	29.8	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.25262	0.010	-13.1	50.0	
	71 Bromobenzene	0.83926	0.75965	0.010	-9.5	50.0	
	72 n-Propylbenzene	1.09797	1.02788	0.010	-6.4	50.0	
	73 2-Chlorotoluene	0.86679	0.79582	0.010	-8.2	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.50317	0.010	-8.1	50.0	
	75 4-Chlorotoluene	0.87805	0.81837	0.010	-6.8	50.0	
	76 tert-Butylbenzene	2.98596	2.77944	0.010	-6.9	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.52416	0.010	-7.3	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

Injection Date: 28-JUN-2004 11:15
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	4.58955	0.010	-4.3	50.0
79	4-Isopropyltoluene	3.43070	3.43347	0.010	0.1	50.0
80	1,3-Dichlorobenzene	1.70146	1.48643	0.010	-12.6	50.0
81	1,4-Dichlorobenzene	1.71400	1.49840	0.010	-12.6	50.0
82	n-Butylbenzene	250	238	0.010	4.8	50.0
83	1,2-Dichlorobenzene	1.57840	1.39986	0.010	-11.3	50.0
84	1,2-Dibromo-3-chloropropane	250	228	0.010	8.9	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.83063	0.010	-8.5	50.0
86	Hexachlorobutadiene	0.62800	0.60217	0.010	-4.1	50.0
87	Naphthalene	250	174	0.010	30.4	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.81895	0.010	-11.7	50.0
98	Cyclohexane	0.63636	0.48411	0.010	-23.9	50.0
143	Methyl Acetate	0.18436	0.14694	0.010	-20.3	50.0
144	Methylcyclohexane	0.59621	0.56176	0.010	-5.8	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.07162	0.010	-3.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 28-JUN-2004 11:15
Lab File ID: 144008.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21376	0.20911	0.010	-2.2	50.0
$	5 1,2-Dichloroethane-d4	0.33145	0.27380	0.010	-17.4	50.0
$	6 Toluene-d8	1.71864	1.67127	0.010	-2.8	50.0
$	7 Bromofluorobenzene	0.63176	0.63847	0.010	1.1	50.0
	8 Dichlorodifluoromethane	0.34700	0.36585	0.010	5.4	50.0
	9 Chloromethane	0.41068	0.34611	0.100	-15.7	50.0
	10 Vinyl Chloride	0.38963	0.38101	0.010	-2.2	20.0
	12 Chloroethane	0.24358	0.23418	0.010	-3.9	50.0
	13 Trichlorofluoromethane	0.42859	0.46400	0.010	8.3	50.0
	15 Acrolein	0.04125	0.03638	0.010	-11.8	50.0
	16 Acetone	0.14987	0.11085	0.010	-26.0	50.0
	17 1,1-Dichloroethene	0.22692	0.24296	0.010	7.1	20.0
	18 Freon-113	0.13584	0.16176	0.010	19.1	50.0
	19 Iodomethane	250	265	0.010	-5.8	50.0
	20 Carbon Disulfide	0.89501	0.99958	0.010	11.7	50.0
	21 Methylene Chloride	0.30188	0.32499	0.010	7.7	50.0
	22 Acetonitrile	0.03093	0.02473	0.010	-20.0	50.0
	23 Acrylonitrile	0.09335	0.08086	0.010	-13.4	50.0
	24 Methyl tert-butyl ether	0.93522	0.79507	0.010	-15.0	50.0
	25 trans-1,2-Dichloroethene	0.25957	0.28656	0.010	10.4	50.0
	26 Hexane	0.08280	0.08331	0.010	0.6	20.0
	27 Vinyl acetate	0.57722	0.45222	0.010	-21.7	50.0
	28 1,1-Dichloroethane	0.60330	0.54060	0.100	-10.4	50.0
	29 tert-Butyl Alcohol	0.02626	0.01823	0.010	-30.6	50.0
	30 2-Butanone	0.18347	0.12909	0.010	-29.6	50.0
M	31 1,2-Dichloroethene (total)	0.27495	0.27976	0.010	1.7	50.0
	32 cis-1,2-dichloroethene	0.29033	0.27296	0.010	-6.0	50.0
	33 2,2-Dichloropropane	0.47405	0.42037	0.010	-11.3	50.0
	34 Bromochloromethane	0.09701	0.09608	0.010	-1.0	50.0
	35 Chloroform	0.52703	0.48827	0.010	-7.4	20.0
	36 Tetrahydrofuran	0.07485	0.05086	0.010	-32.1	50.0
	37 1,1,1-Trichloroethane	0.47421	0.41846	0.010	-11.8	50.0
	38 1,1-Dichloropropene	0.45609	0.40216	0.010	-11.8	50.0
	39 Carbon Tetrachloride	0.35390	0.32963	0.010	-6.9	50.0
	40 1,2-Dichloroethane	0.43001	0.32862	0.010	-23.6	50.0
	41 Benzene	1.26642	1.19870	0.010	-5.3	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

Injection Date: 28-JUN-2004 11:15
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	42 Trichloroethene	0.22922	0.21584	0.010	-5.8	50.0	
	43 1,2-Dichloropropane	0.32528	0.27843	0.010	-14.4	20.0	
	44 1,4-Dioxane	0.00244	0.00173	0.010	-29.3	50.0	<-
	45 Dibromomethane	0.13867	0.13308	0.010	-4.0	50.0	
	46 Bromodichloromethane	0.37148	0.34708	0.010	-6.6	50.0	
	47 2-Chloroethyl vinyl ether	500	1099	0.010	-119.7	50.0	<-
	48 cis-1,3-Dichloropropene	0.46803	0.43659	0.010	-6.7	50.0	
	49 4-Methyl-2-pentanone	0.28361	0.19581	0.010	-31.0	50.0	
	50 Toluene	2.24247	2.11284	0.010	-5.8	20.0	
	51 trans-1,3-Dichloropropene	0.70535	0.64019	0.010	-9.2	50.0	
	52 Ethyl Methacrylate	250	203	0.010	18.7	50.0	
	53 1,1,2-Trichloroethane	0.36776	0.34454	0.010	-6.3	50.0	
	54 1,3-Dichloropropane	0.74981	0.68268	0.010	-9.0	50.0	
	55 Tetrachloroethene	0.32042	0.30266	0.010	-5.5	50.0	
	56 2-Hexanone	0.46207	0.27822	0.010	-39.8	50.0	
	57 Dibromochloromethane	0.30945	0.30571	0.010	-1.2	50.0	
	58 1,2-Dibromoethane	0.32369	0.30173	0.010	-6.8	50.0	
	59 Chlorobenzene	1.21534	1.13088	0.300	-6.9	50.0	
	60 1,1,1,2-Tetrachloroethane	0.34925	0.34320	0.010	-1.7	50.0	
	61 Ethylbenzene	0.69698	0.65939	0.010	-5.4	20.0	
	62 m + p-Xylene	0.86164	0.83378	0.010	-3.2	50.0	
M	63 Xylenes (total)	0.83907	0.81369	0.010	-3.0	50.0	
	64 Xylene-o	0.79393	0.77350	0.010	-2.6	50.0	
	65 Styrene	1.29266	1.32291	0.010	2.3	50.0	
	66 Bromoform	0.17655	0.19321	0.100	9.4	50.0	
	67 Isopropylbenzene	250	230	0.010	7.9	50.0	
	68 1,1,2,2-Tetrachloroethane	1.00837	0.89854	0.300	-10.9	50.0	
	69 1,4-Dichloro-2-butene	250	175	0.010	29.8	50.0	
	70 1,2,3-Trichloropropane	0.29080	0.25262	0.010	-13.1	50.0	
	71 Bromobenzene	0.83926	0.75965	0.010	-9.5	50.0	
	72 n-Propylbenzene	1.09797	1.02788	0.010	-6.4	50.0	
	73 2-Chlorotoluene	0.86679	0.79582	0.010	-8.2	50.0	
	74 1,3,5-Trimethylbenzene	3.81161	3.50317	0.010	-8.1	50.0	
	75 4-Chlorotoluene	0.87805	0.81837	0.010	-6.8	50.0	
	76 tert-Butylbenzene	2.98596	2.77944	0.010	-6.9	50.0	
	77 1,2,4-Trimethylbenzene	3.80313	3.52416	0.010	-7.3	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:39

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

Injection Date: 28-JUN-2004 11:15
Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Init. Cal. Times: 15:23 12:41
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
78	sec-Butylbenzene	4.79406	4.58955	0.010	-4.3	50.0
79	4-Isopropyltoluene	3.43070	3.43347	0.010	0.1	50.0
80	1,3-Dichlorobenzene	1.70146	1.48643	0.010	-12.6	50.0
81	1,4-Dichlorobenzene	1.71400	1.49840	0.010	-12.6	50.0
82	n-Butylbenzene	250	238	0.010	4.8	50.0
83	1,2-Dichlorobenzene	1.57840	1.39986	0.010	-11.3	50.0
84	1,2-Dibromo-3-chloropropane	250	228	0.010	8.9	50.0
85	1,2,4-Trichlorobenzene	0.90731	0.83063	0.010	-8.5	50.0
86	Hexachlorobutadiene	0.62800	0.60217	0.010	-4.1	50.0
87	Naphthalene	250	174	0.010	30.4	50.0
88	1,2,3-Trichlorobenzene	0.92700	0.81895	0.010	-11.7	50.0
98	Cyclohexane	0.63636	0.48411	0.010	-23.9	50.0
143	Methyl Acetate	0.18436	0.14694	0.010	-20.3	50.0
144	Methylcyclohexane	0.59621	0.56176	0.010	-5.8	50.0
141	1,3,5-Trichlorobenzene	1.10473	1.07162	0.010	-3.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b/144008.D
Report Date: 06/28/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL

Injection Date: 28-JUN-2004 11:15
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0	cis-1,3-Dichloropropene	250.0000	233.2062	6.7	50.0
0	1,2-Dichloropropane	250.0000	213.9891	14.4	20.0
0	1,1-Dichloroethane	250.0000	224.0148	10.4	50.0
0	Xylenes (total)	750.0000	727.4047	3.0	50.0
0	trans-1,2-Dichloroethene	250.0000	275.9924	10.4	50.0
0	1,1,2,2-Tetrachloroethane	250.0000	222.7694	10.9	50.0
0	Bromoform	250.0000	255.1835	2.1	50.0
0	2-Hexanone	500.0000	301.0625	39.8	50.0
0	Chloromethane	250.0000	210.6949	15.7	50.0
0	Vinyl Chloride	250.0000	244.4716	2.2	20.0
0	Chloroethane	250.0000	240.3551	3.9	50.0
0	Xylene-o	250.0000	243.5671	2.6	50.0
0	4-Methyl-2-pentanone	500.0000	345.2079	31.0	50.0
0	Acetone	500.0000	369.8089	26.0	50.0
0	1,1-Dichloroethene	250.0000	267.6651	7.1	20.0
0	Bromodichloromethane	250.0000	233.5796	6.6	50.0
0	trans-1,3-Dichloropropene	250.0000	226.9056	9.2	50.0
0	Carbon Disulfide	250.0000	279.2086	11.7	50.0
0	Methylene Chloride	250.0000	269.1394	7.7	50.0
0	Toluene	250.0000	235.5482	5.8	20.0
0	Trichloroethene	250.0000	235.4073	5.8	50.0
0	Styrene	250.0000	255.8499	2.3	50.0
0	Benzene	250.0000	236.6321	5.3	50.0
0	Carbon Tetrachloride	250.0000	232.8550	6.9	50.0
0	1,2-Dichloroethane	250.0000	191.0556	23.6	50.0
0	1,1,2-Trichloroethane	250.0000	234.2175	6.3	50.0
0	Tetrachloroethene	250.0000	236.1418	5.5	50.0
0	2-Butanone	500.0000	351.8160	29.6	50.0
0	1,2-Dichloroethene (total)	500.0000	511.0359	2.2	50.0
0	cis-1,2-dichloroethene	250.0000	235.0435	6.0	50.0
0	m + p-Xylene	500.0000	483.8376	3.2	50.0
0	Ethylbenzene	250.0000	236.5189	5.4	20.0
0	Chloroform	250.0000	231.6116	7.4	20.0
0	Chlorobenzene	250.0000	232.6262	6.9	50.0
0	1,1,1-Trichloroethane	250.0000	220.6130	11.8	50.0
0	Dibromochloromethane	250.0000	246.9799	1.2	50.0
38	Dichlorodifluoromethane	250.0000	263.5826	5.4	50.0
39	Trichlorofluoromethane	250.0000	270.6508	8.3	50.0
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b/144008.D
Report Date: 06/28/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL

Injection Date: 28-JUN-2004 11:15
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
40 Acrolein	2500.0000	2204.6814	11.8	50.0	
41 Acrylonitrile	2500.0000	2165.4751	13.4	50.0	
42 Vinyl acetate	250.0000	195.8613	21.7	50.0	
43 2-Chloroethyl vinyl ether	500.0000	1098.5834	119.7	50.0	<-
47 Freon-113	250.0000	297.7164	19.1	50.0	
48 1,3-Dichlorobenzene	250.0000	218.4058	12.6	50.0	
49 1,4-Dichlorobenzene	250.0000	218.5536	12.6	50.0	
50 1,2-Dichlorobenzene	250.0000	221.7203	11.3	50.0	
51 Acetonitrile	2500.0000	1999.0452	20.0	50.0	
52 Iodomethane	250.0000	264.5461	5.8	50.0	
59 1,4-Dioxane	12500.0000	8837.1229	29.3	50.0	
60 Dibromomethane	250.0000	239.9238	4.0	50.0	
62 Ethyl Methacrylate	250.0000	203.1673	18.7	50.0	
63 1,2-Dibromoethane	250.0000	233.0389	6.8	50.0	
64 1,1,1,2-Tetrachloroethane	250.0000	245.6694	1.7	50.0	
65 1,2,3-Trichloropropane	250.0000	217.1762	13.1	50.0	
66 1,4-Dichloro-2-butene	250.0000	175.4150	29.8	50.0	
69 1,2-Dibromo-3-chloropropane	250.0000	227.7905	8.9	50.0	
82 Methyl tert-butyl ether	250.0000	212.5347	15.0	50.0	
84 Tetrahydrofuran	250.0000	169.8596	32.1	50.0	
98 2,2-Dichloropropane	250.0000	221.6906	11.3	50.0	
99 1,1-Dichloropropene	250.0000	220.4366	11.8	50.0	
100 1,3-Dichloropropane	250.0000	227.6175	9.0	50.0	
102 Bromobenzene	250.0000	226.2880	9.5	50.0	
103 2-Chlorotoluene	250.0000	229.5298	8.2	50.0	
104 n-Propylbenzene	250.0000	234.0409	6.4	50.0	
105 4-Chlorotoluene	250.0000	233.0075	6.8	50.0	
106 1,3,5-Trimethylbenzene	250.0000	229.7695	8.1	50.0	
107 tert-Butylbenzene	250.0000	232.7092	6.9	50.0	
108 1,2,4-Trimethylbenzene	250.0000	231.6613	7.3	50.0	
109 sec-Butylbenzene	250.0000	239.3354	4.3	50.0	
110 4-Isopropyltoluene	250.0000	250.2017	0.1	50.0	
111 n-Butylbenzene	250.0000	238.1145	4.8	50.0	
112 1,2,4-Trichlorobenzene	250.0000	228.8715	8.5	50.0	
113 Naphthalene	250.0000	173.9547	30.4	50.0	
114 Hexachlorobutadiene	250.0000	239.7144	4.1	50.0	
115 1,2,3-Trichlorobenzene	250.0000	220.8603	11.7	50.0	
124 tert-Butyl Alcohol	5000.0000	3470.3669	30.6	50.0	
125 Hexane	250.0000	251.5444	0.6	20.0	

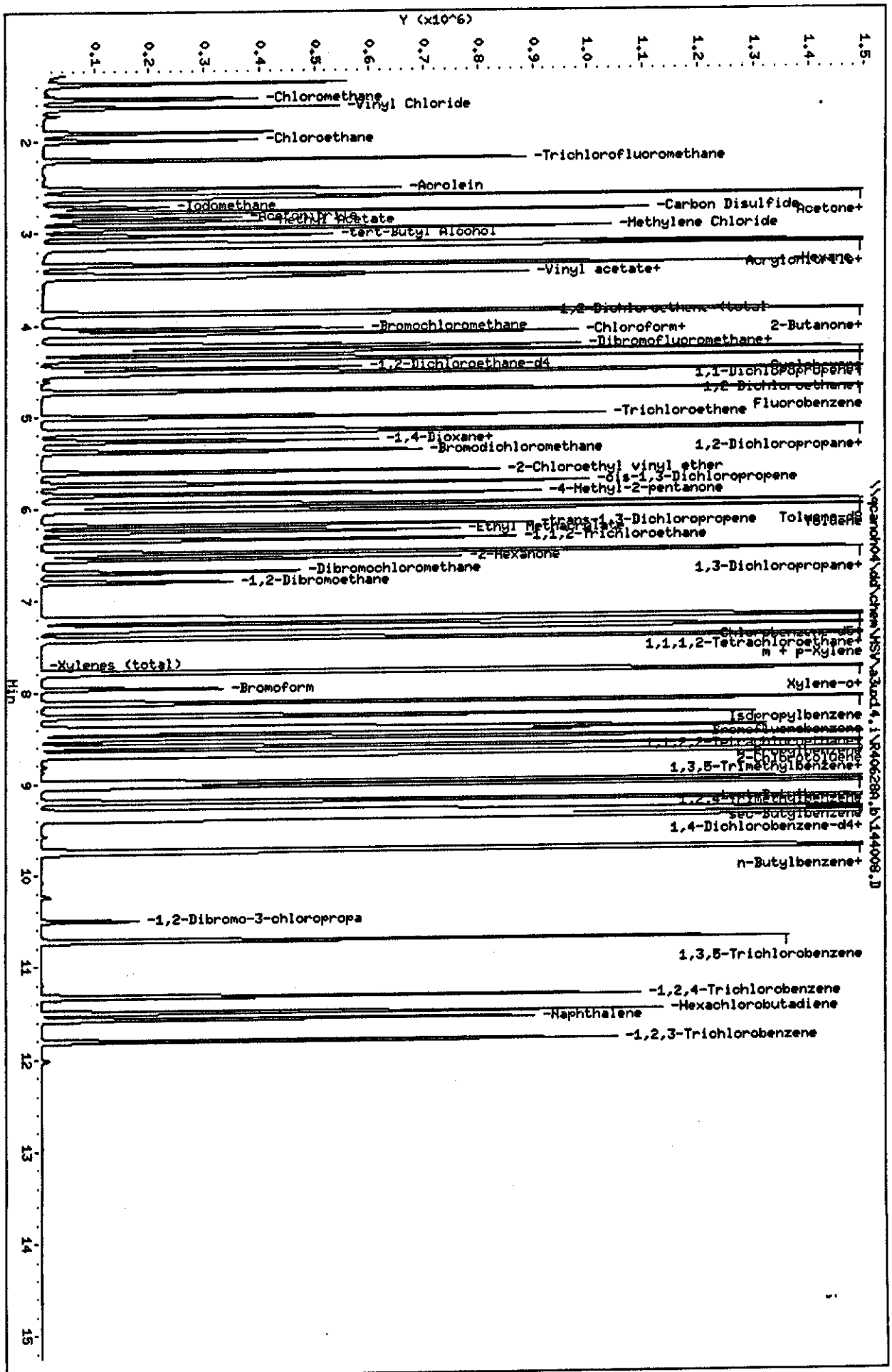
Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b/144008.D
Report Date: 06/28/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 144008.D
Analysis Type: SOIL

Injection Date: 28-JUN-2004 11:15
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
127 Cyclohexane	250.0000	190.1883	23.9	50.0
128 Isopropylbenzene	250.0000	230.2308	7.9	50.0
130 Fluorobenzene	250.0000	250.0000	0.0	50.0
132 1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0
133 Bromochloromethane	250.0000	247.5927	1.0	50.0
141 1,3,5-Trichlorobenzene	250.0000	242.5078	3.0	50.0
143 Methyl Acetate	500.0000	398.5067	20.3	50.0
144 Methylcyclohexane	250.0000	235.5546	5.8	50.0
22 Toluene-d8	250.0000	243.1089	2.8	50.0
32 Bromofluorobenzene	250.0000	252.6535	1.1	50.0
47 1,2-Dichloroethane-d4	250.0000	206.5204	17.4	50.0
131 Dibromofluoromethane	250.0000	244.5512	2.2	50.0


Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R406280.b\144008.D
Date : 28-JUN-2004 11:15
Client ID:
Sample Info: 250NC-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Hin
\\qcanoh04\dd\chem\MSV\a3ux14.i\R406280.b\144008.D
-Chloromethane
-Vinyl Chloride
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Carbon Disulfide
Acetone+
-Iodomethane
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
Acrylonitrile+
-Vinyl acetate+
1,2-Dichloroethene (total
-Bromochloromethane
-Chloroform+
2-Butanone+
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethene+
-Trichloroethene
Fluorobenzene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Ethyl Methacrylate
-trans-1,3-Dichloropropene
Toluene+
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Xylenes (total)
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane
p-Chlorotoluene+
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4+
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Lab Smp Id: 250NG-CC
Inj Date : 28-JUN-2004 11:15
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-CC
Misc Info : R40628A,8260SUX14,1-8260.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m
Meth Date : 28-Jun-2004 12:41 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1166323	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	689860	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	354278	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	243885	250.000	244.55
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	319342	250.000	206.52
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1152940	250.000	243.11
$	7 Bromofluorobenzene	95	8.269	8.269	(1.149)	440454	250.000	252.65
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	426704	250.000	263.58
	9 Chloromethane	50	1.534	1.534	(0.325)	403679	250.000	210.69
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	444386	250.000	244.47
	12 Chloroethane	64	1.990	1.990	(0.422)	273131	250.000	240.36
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	541171	250.000	270.65
	15 Acrolein	56	2.520	2.520	(0.534)	424264	2500.00	2204.7
	16 Acetone	43	2.629	2.629	(0.557)	258569	500.000	369.81
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	283369	250.000	267.66
	18 Freon-113	151	2.599	2.599	(0.550)	188668	250.000	297.72
	19 Iodomethane	142	2.714	2.714	(0.575)	208114	250.000	264.55

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	1165829	250.000	279.21
	21 Methylene Chloride	84	2.951	2.951	(0.625)	379040	250.000	269.14
	22 Acetonitrile	41	2.830	2.830	(0.599)	288411	2500.00	1999.0
	23 Acrylonitrile	53	3.122	3.122	(0.661)	943093	2500.00	2165.5
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	927308	250.000	212.53
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	334222	250.000	275.99
	26 Hexane	86	3.353	3.353	(0.710)	97165	250.000	251.54
	27 Vinyl acetate	43	3.481	3.481	(0.737)	527434	250.000	195.86
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	630510	250.000	224.01
	29 tert-Butyl Alcohol	59	3.031	3.031	(0.642)	425219	5000.00	3470.4
	30 2-Butanone	43	3.876	3.876	(0.821)	301126	500.000	351.82
M	31 1,2-Dichloroethene (total)	96				652580	500.000	511.04
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	318358	250.000	235.04
	33 2,2-Dichloropropane	77	3.876	3.876	(0.821)	490290	250.000	221.69
	34 Bromochloromethane	128	4.047	4.047	(0.857)	112058	250.000	247.59
	35 Chloroform	83	4.101	4.101	(0.869)	569476	250.000	231.61
	36 Tetrahydrofuran	42	4.089	4.089	(0.866)	59315	250.000	169.86
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	488065	250.000	220.61
	38 1,1-Dichloropropene	75	4.369	4.369	(0.925)	469043	250.000	220.44
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	384455	250.000	232.85
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	383278	250.000	191.06
	41 Benzene	78	4.521	4.521	(0.957)	1398077	250.000	236.63
	42 Trichloroethene	130	5.008	5.008	(1.061)	251737	250.000	235.41
	43 1,2-Dichloropropane	63	5.172	5.172	(1.095)	324735	250.000	213.99
	44 1,4-Dioxane	88	5.275	5.275	(1.117)	100681	12500.0	8837.1
	45 Dibromomethane	93	5.269	5.269	(1.116)	155210	250.000	239.92
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	404805	250.000	233.58
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	289555	500.000	1098.6
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	509204	250.000	233.21
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	456758	500.000	345.21
	50 Toluene	91	6.018	6.018	(0.836)	1457564	250.000	235.55
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	441641	250.000	226.90
	52 Ethyl Methacrylate	69	6.255	6.255	(0.869)	357360	250.000	203.17
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	237686	250.000	234.22
	54 1,3-Dichloropropane	76	6.492	6.492	(0.902)	470953	250.000	227.62
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	208793	250.000	236.14
	56 2-Hexanone	43	6.547	6.547	(0.910)	383872	500.000	301.06
	57 Dibromochloromethane	129	6.687	6.687	(0.929)	210897	250.000	246.98
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	208150	250.000	233.04
	59 Chlorobenzene	112	7.228	7.228	(1.004)	780147	250.000	232.63
	60 1,1,1,2-Tetrachloroethane	131	7.295	7.295	(1.014)	236760	250.000	245.67
	61 Ethylbenzene	106	7.319	7.319	(1.017)	454888	250.000	236.52
	62 m + p-Xylene	106	7.423	7.423	(1.031)	1150389	500.000	483.84
M	63 Xylenes (total)	106				1683993	750.000	727.40
	64 Xylene-o	106	7.782	7.782	(1.081)	533604	250.000	243.57
	65 Styrene	104	7.794	7.794	(1.083)	912620	250.000	255.85
	66 Bromoform	173	7.970	7.970	(1.107)	133287	250.000	255.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144008.D
Report Date: 28-Jun-2004 12:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
67 Isopropylbenzene	105	8.123	8.123	(1.128)	1363477	250.000	230.23
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	318332	250.000	222.77
69 1,4-Dichloro-2-butene	53	8.445	8.445	(0.901)	86251	250.000	175.41
70 1,2,3-Trichloropropane	110	8.439	8.439	(0.901)	89498	250.000	217.18
71 Bromobenzene	156	8.415	8.415	(0.898)	269129	250.000	226.29
72 n-Propylbenzene	120	8.512	8.512	(0.908)	364156	250.000	234.04
73 2-Chlorotoluene	126	8.597	8.597	(0.918)	281940	250.000	229.53
74 1,3,5-Trimethylbenzene	105	8.676	8.676	(0.926)	1241096	250.000	229.77
75 4-Chlorotoluene	126	8.694	8.694	(0.928)	289930	250.000	233.01
76 tert-Butylbenzene	119	8.986	8.986	(0.959)	984694	250.000	232.71
77 1,2,4-Trimethylbenzene	105	9.035	9.035	(0.964)	1248531	250.000	231.66
78 sec-Butylbenzene	105	9.199	9.199	(0.982)	1625976	250.000	239.34
79 4-Isopropyltoluene	119	9.333	9.333	(0.996)	1216404	250.000	250.20
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	526610	250.000	218.40
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	530850	250.000	218.55
82 n-Butylbenzene	91	9.735	9.735	(1.039)	1289005	250.000	238.11
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	495938	250.000	221.72
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	40243	250.000	227.79
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	294273	250.000	228.87
86 Hexachlorobutadiene	225	11.505	11.505	(1.228)	213334	250.000	239.71
87 Naphthalene	128	11.572	11.572	(1.235)	597353	250.000	173.95
88 1,2,3-Trichlorobenzene	180	11.809	11.809	(1.260)	290136	250.000	220.86
98 Cyclohexane	56	4.296	4.296	(0.910)	564631	250.000	190.19
143 Methyl Acetate	43	2.872	2.872	(0.608)	342761	500.000	398.51
144 Methylcyclohexane	83	5.160	5.160	(1.093)	655198	250.000	235.55
141 1,3,5-Trichlorobenzene	180	10.720	10.720	(1.144)	379652	250.000	242.51

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144009.D
Report Date: 28-Jun-2004 12:37

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux14.i Injection Date: 28-JUN-2004 11:39
Lab File ID: 144009.D Init. Cal. Date(s): 28-MAY-2004 02-JUN-2004
Analysis Type: SOIL Init. Cal. Times: 15:23 12:41
Lab Sample ID: 250NG-A9CC Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
14	Dichlorofluoromethane	0.58124	0.41327	0.010	-28.9	50.0	
89	Ethyl Ether	0.22295	0.15156	0.010	-32.0	50.0	
91	3-Chloropropene	0.15415	0.12345	0.010	-19.9	50.0	
92	Isopropyl Ether	0.25092	0.22171	0.010	-11.6	50.0	
93	2-Chloro-1,3-butadiene	0.52846	0.34411	0.010	-34.9	50.0	
94	Propionitrile	0.03328	0.02564	0.010	-23.0	50.0	
95	Ethyl Acetate	0.23537	0.16266	0.010	-30.9	50.0	
96	Methacrylonitrile	0.14098	0.09913	0.010	-29.7	50.0	
97	Isobutanol	0.01299	0.00947	0.010	-27.1	50.0	<-
99	n-Butanol	0.00990	0.00698	0.010	-29.6	50.0	<-
100	Methyl Methacrylate	0.19948	0.13159	0.010	-34.0	50.0	
101	2-Nitropropane	0.05627	0.04094	0.010	-27.2	50.0	
103	Cyclohexanone	2500	1029	0.010	58.8	50.0	<-
146	2-Methylnaphthalene	500	148	0.010	70.5	50.0	<-
11	Bromomethane	0.18002	0.17044	0.010	-5.3	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b/144009.D
Report Date: 06/28/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux14.i
Lab File ID: 144009.D
Analysis Type: SOIL

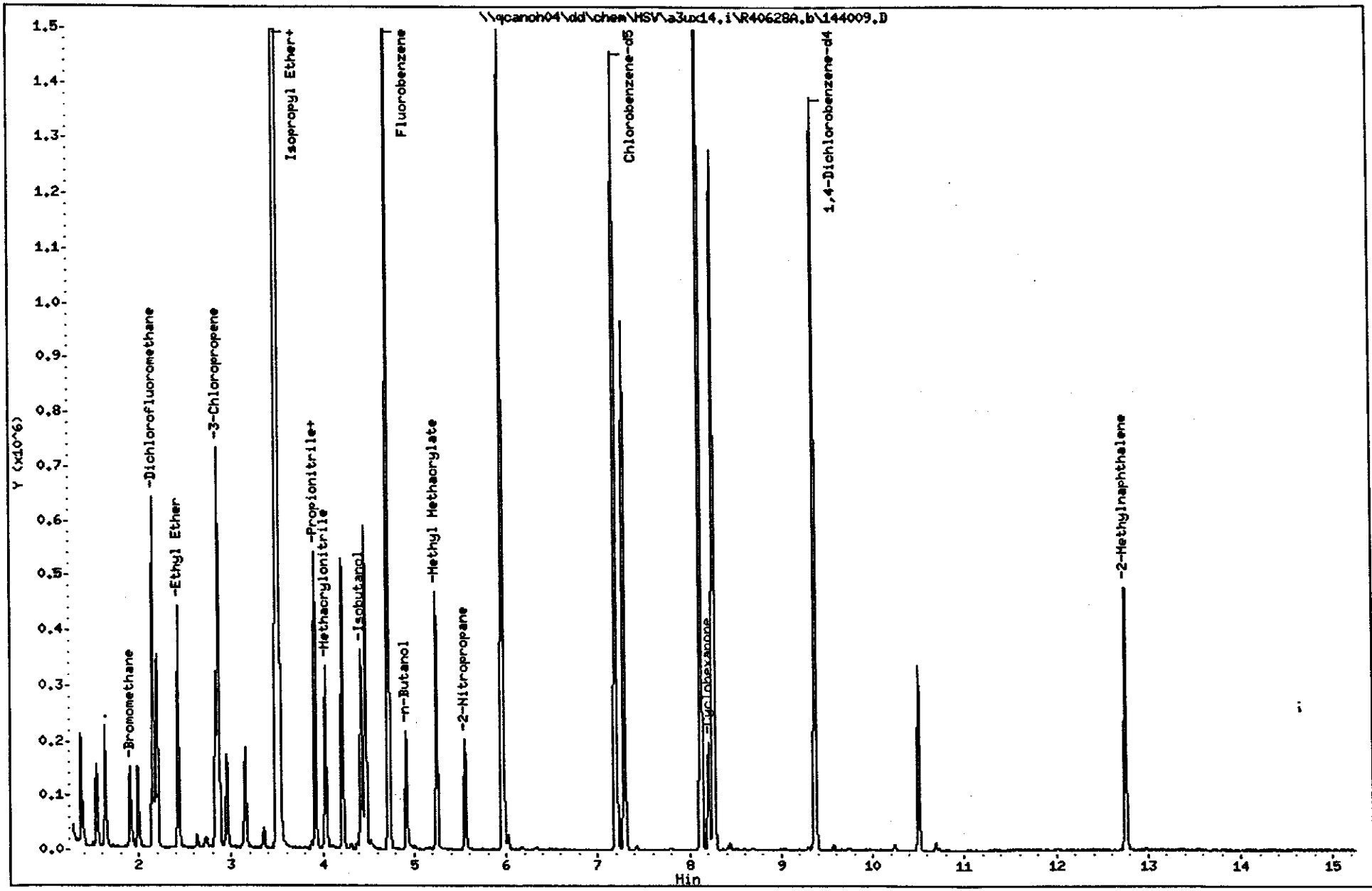
Injection Date: 28-JUN-2004 11:39
Lab Sample ID: 250NG-A9CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.

	COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
0	Bromomethane	100.0000	94.6793	5.3	50.0	
39	Chlorobenzene-d5	250.0000	250.0000	0.0	50.0	
53	3-Chloropropene	250.0000	200.2045	19.9	50.0	
54	2-Chloro-1,3-butadiene	250.0000	162.7895	34.9	50.0	
55	Propionitrile	500.0000	385.1726	23.0	50.0	
56	Methacrylonitrile	250.0000	175.7797	29.7	50.0	
57	Isobutanol	5000.0000	3644.4412	27.1	50.0	
58	Methyl Methacrylate	250.0000	164.9107	34.0	50.0	
73	n-Butanol	5000.0000	3522.1418	29.6	50.0	
74	Ethyl Acetate	500.0000	345.5340	30.9	50.0	
75	Cyclohexanone	2500.0000	1028.7819	58.8	50.0	<-
76	Ethyl Ether	250.0000	169.9534	32.0	50.0	
85	Dichlorofluoromethane	250.0000	177.7541	28.9	50.0	
86	2-Nitropropane	500.0000	363.8425	27.2	50.0	
126	Isopropyl Ether	1250.0000	1104.4849	11.6	50.0	
130	Fluorobenzene	250.0000	250.0000	0.0	50.0	
132	1,4-Dichlorobenzene-d4	250.0000	250.0000	0.0	50.0	
146	2-Methylnaphthalene	500.0000	147.7348	70.5	50.0	<-

Data File: \\qcanoh04\dd\chem\HSV\a3uxd14.i\R40628A.b\144009.D
Date : 28-JUN-2004 11:39
Client ID:
Sample Info: 250NG-A9CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3uxd14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144009.D
Report Date: 28-Jun-2004 12:37

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144009.D
Lab Smp Id: 250NG-A9CC
Inj Date : 28-JUN-2004 11:39
Operator : 2807 Inst ID: a3ux14.i
Smp Info : 250NG-A9CC
Misc Info : R40628A,8260SUX14,3-IX.SUB,2807,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\8260SUX14.m
Meth Date : 28-Jun-2004 12:37 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	1188817	250.000	
* 2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	672129	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	303870	250.000	
14 Dichlorofluoromethane	67	2.154	2.154	(0.456)	491302	250.000	177.75
89 Ethyl Ether	59	2.428	2.428	(0.514)	180181	250.000	169.95
91 3-Chloropropene	76	2.866	2.866	(0.607)	146759	250.000	200.20
92 Isopropyl Ether	87	3.499	3.499	(0.741)	1317888	1250.00	1104.5(A)
93 2-Chloro-1,3-butadiene	53	3.523	3.523	(0.746)	409085	250.000	162.79
94 Propionitrile	54	3.913	3.913	(0.829)	60957	500.000	385.17
95 Ethyl Acetate	43	3.919	3.919	(0.830)	386736	500.000	345.53
96 Methacrylonitrile	41	4.028	4.028	(0.853)	117846	250.000	175.78
97 Isobutanol	41	4.424	4.424	(0.615)	127251	5000.00	3644.4(A)
99 n-Butanol	56	4.916	4.916	(0.683)	93765	5000.00	3522.1(A)
100 Methyl Methacrylate	41	5.245	5.245	(1.111)	156435	250.000	164.91
101 2-Nitropropane	41	5.555	5.555	(1.176)	97351	500.000	363.84
103 Cyclohexanone	55	8.208	8.208	(0.876)	69425	2500.00	1028.8
146 2-Methylnaphthalene	142	12.758	12.758	(1.362)	220527	500.000	147.73

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144009.D
Report Date: 28-Jun-2004 12:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
11 Bromomethane	94	1.905	1.905	(0.404)	81049	100.000	94.679

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

SEVERN TRENT STL

RAW QC DATA

Data File: \\qcanoh04\...chem\HSV\a3ux7.i\U40421A.b\...B222.D

Date : 21-...-2004 08:50

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

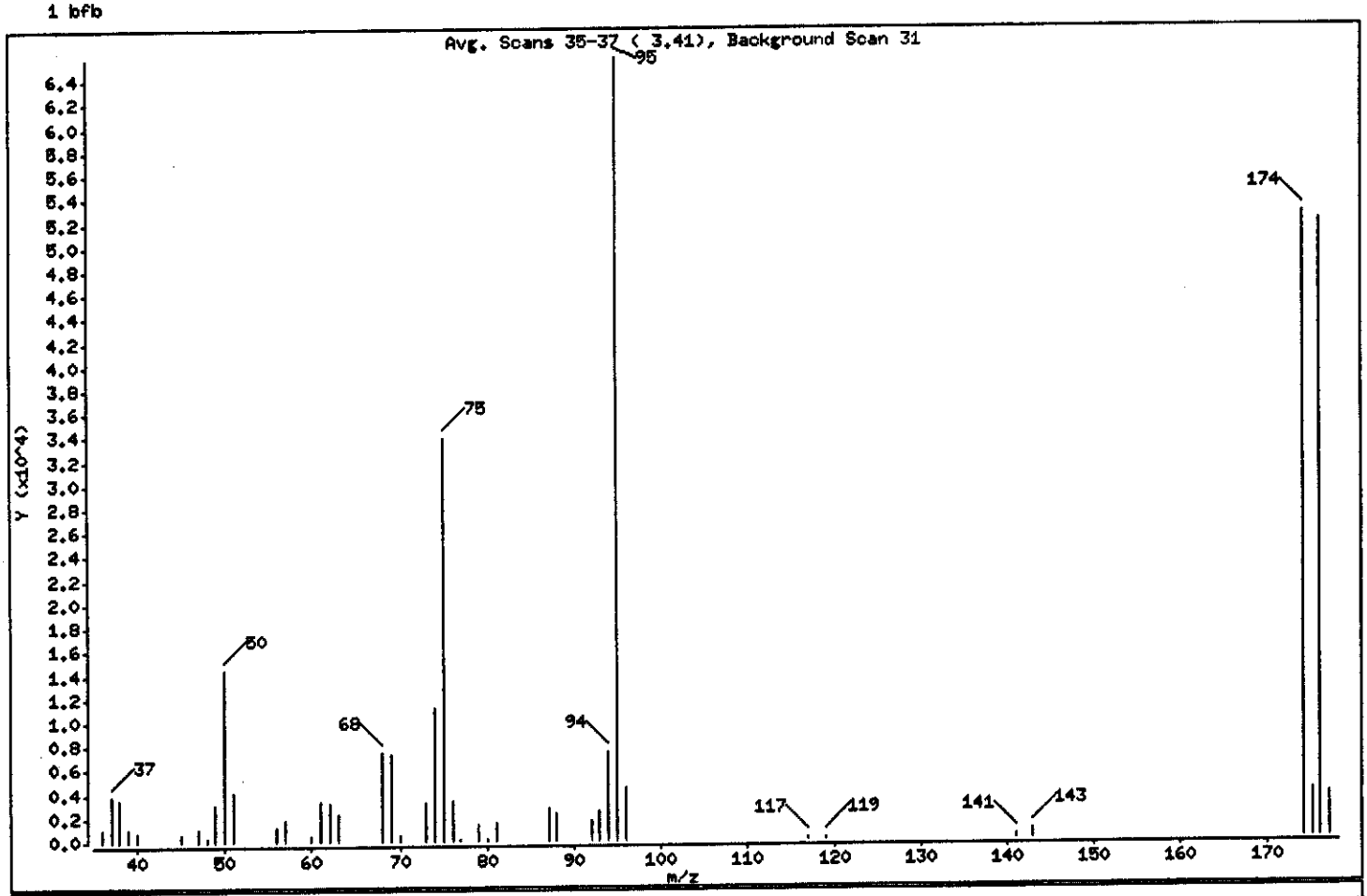
Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.94
75	30.00 - 60.00% of mass 95	51.42
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.79
175	5.00 - 9.00% of mass 174	5.90 (7.39)
176	95.00 - 101.00% of mass 174	78.78 (98.73)
177	5.00 - 9.00% of mass 176	5.50 (6.98)

Data File: \\qcanoh04\dd\chem\MSV\...\U40421A.b\BFB222.D

Date : 21-APR-2004 08:50

Client ID: ...BFB

Instrument: a3ux7.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB222.D

Spectrum: Avg. Scans 35-3... (...7.41), Background Scan 31

Location of Maximum: 95.00

Number of points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1037	56.00	1169	75.00	33856	95.00	65856
37.00	3849	57.00	1769	76.00	3371	96.00	4403
38.00	3429	60.00	457	77.00	209	117.00	179
39.00	1112	61.00	3318	79.00	1420	119.00	187
40.00	763	62.00	3195	80.00	199	141.00	287
45.00	651	63.00	2258	81.00	1541	143.00	779
47.00	986	68.00	7390	87.00	2721	174.00	52544
48.00	259	69.00	7289	88.00	2269	175.00	3883
49.00	2980	70.00	416	92.00	1723	176.00	51880
50.00	14448	73.00	3199	93.00	2448	177.00	3621
51.00	4045	74.00	11210	94.00	7449		

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\BFB222.D

Page 1

854

Date : 21-APR-2004 08:50

Client ID: 50NGBFB

Instrument: a3ux7.i

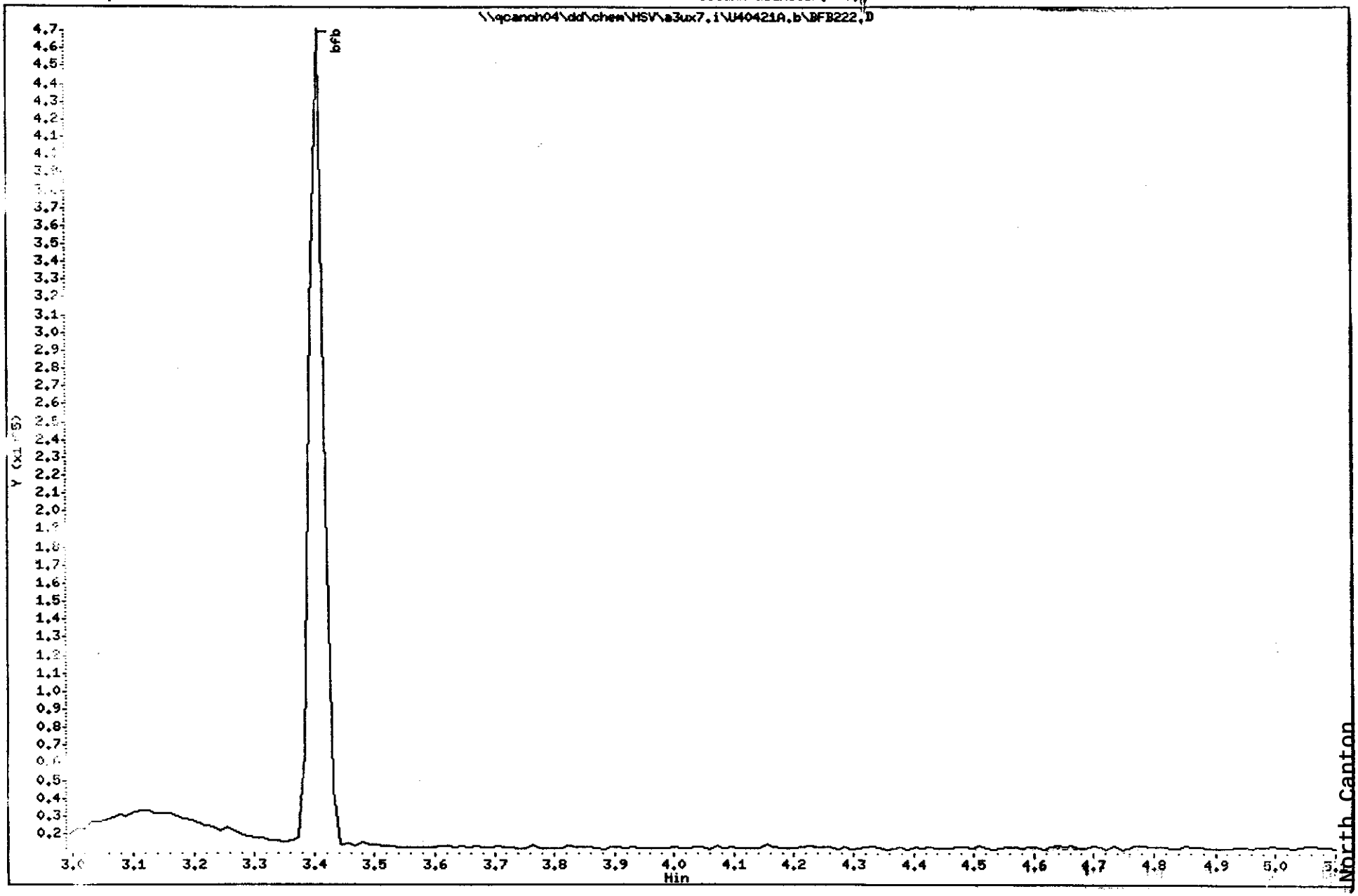
Sample Info:

Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602ic.b\BFB277.D

Date : 02-JUN-2004 11:51

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

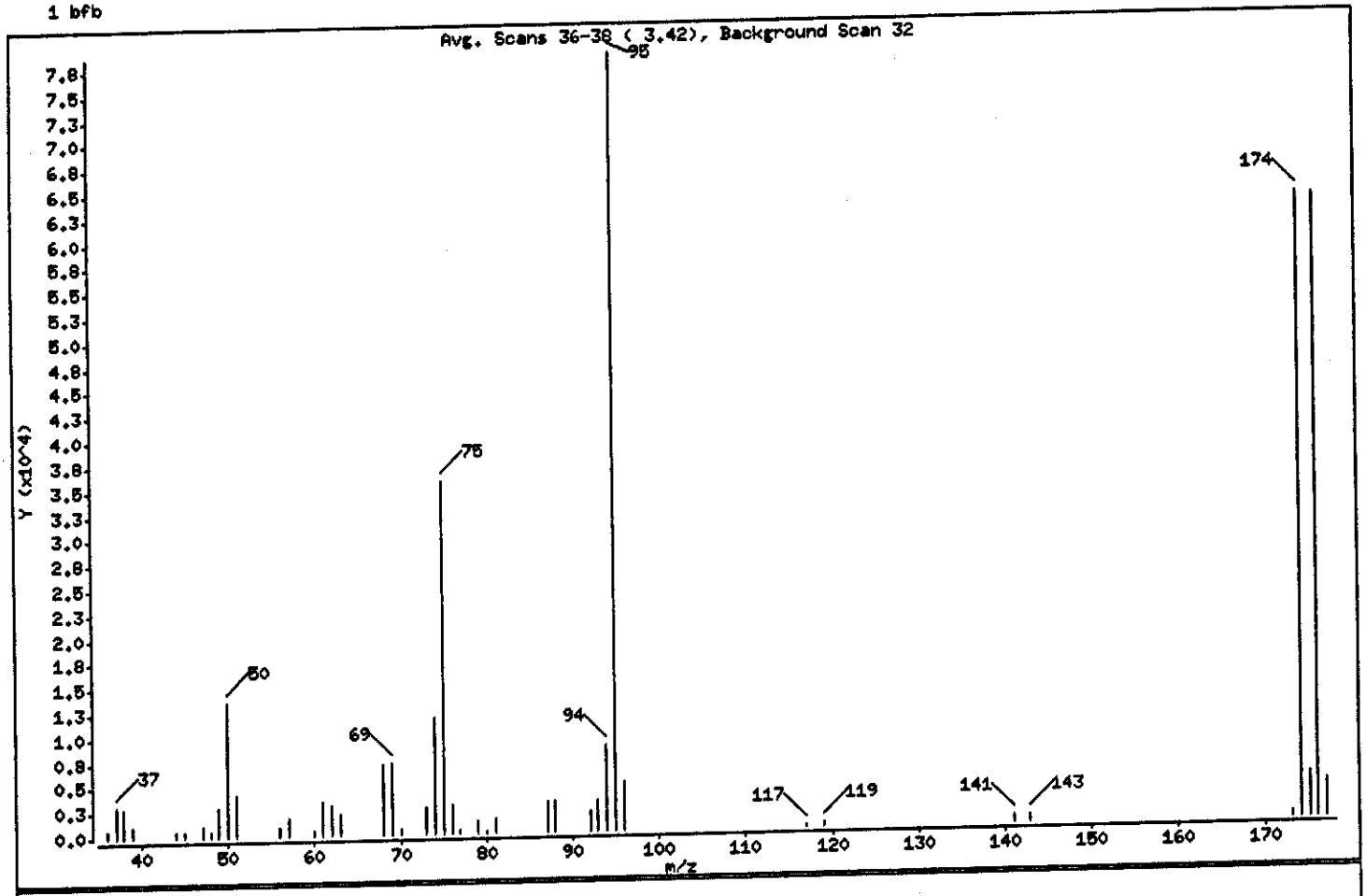
Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.14
75	30.00 - 60.00% of mass 95	45.29
96	5.00 - 9.00% of mass 95	6.19
173	Less than 2.00% of mass 174	0.59 (0.73)
174	50.00 - 100.00% of mass 95	80.54
175	5.00 - 9.00% of mass 174	5.73 (7.12)
176	95.00 - 101.00% of mass 174	80.27 (99.67)
177	5.00 - 9.00% of mass 176	4.85 (6.04)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602ic.b\BFB277.D

Date : 02-JUN-2004 11:51

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

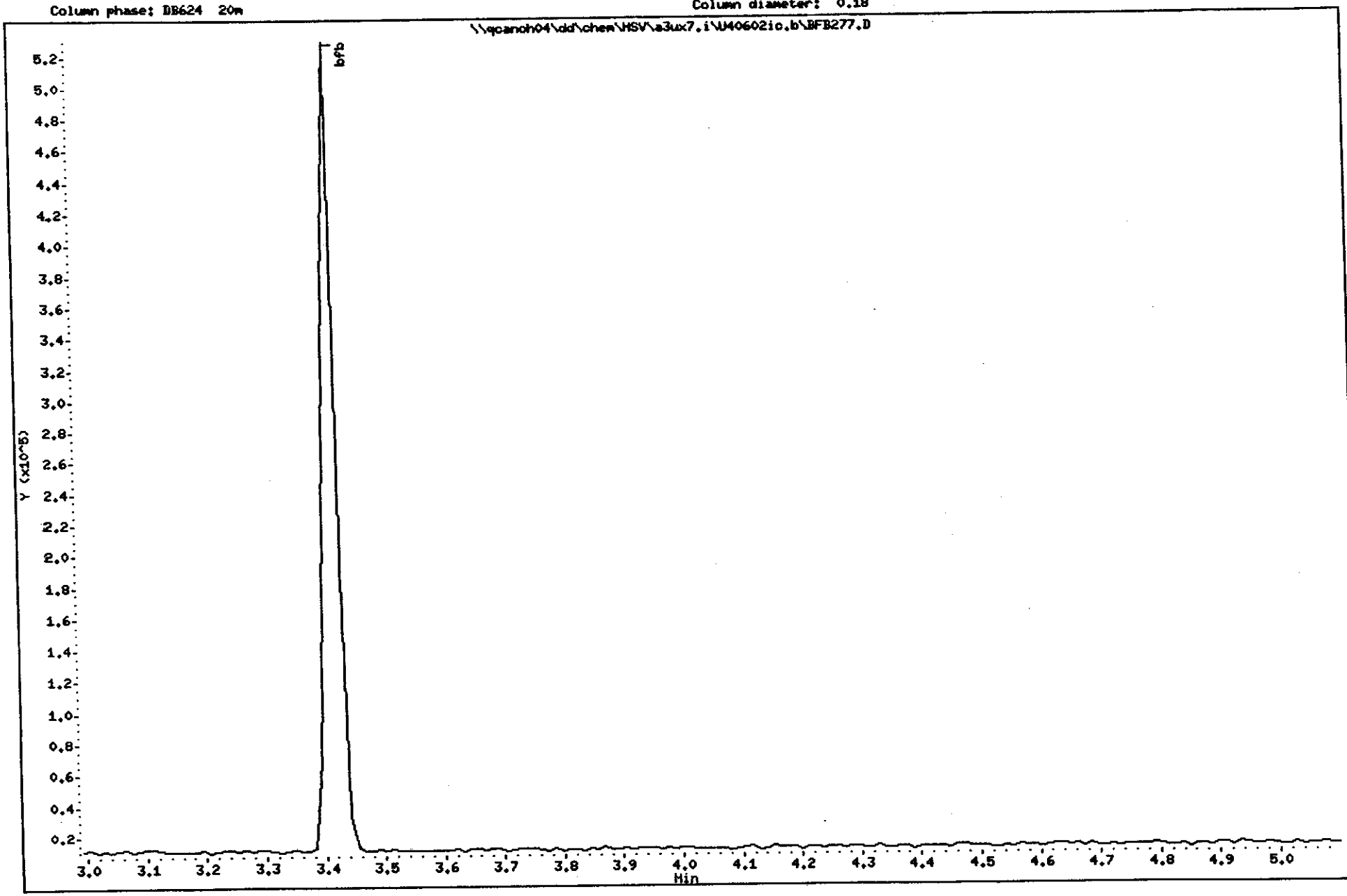
Data File: BFB277.D
Spectrum: Avg. Scans 36-38 (3.42), Background Scan 32
Location of Maximum: 95.00
Number of points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	659	57.00	1803	77.00	404	119.00	282
37.00	3122	60.00	626	79.00	1304	141.00	669
38.00	2893	61.00	3507	80.00	200	143.00	697
39.00	1051	62.00	3066	81.00	1515	173.00	464
44.00	604	63.00	2115	87.00	3039	174.00	63432
45.00	559	68.00	7047	88.00	3032	175.00	4515
47.00	1083	69.00	7216	92.00	1987	176.00	63224
48.00	557	70.00	526	93.00	3055	177.00	3818
49.00	2949	73.00	2778	94.00	8647		
50.00	13497	74.00	11854	95.00	78768		
51.00	4202	75.00	35672	96.00	4877		
56.00	952	76.00	2836	117.00	227		

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40602ic.b\BFB277.D
Date : 02-JUN-2004 11:51
Client ID: 50NGBFB
Sample Info:
Volume Injected (uL): 1.0
Column phase: DB624 20m

Instrument: a3ux7.i

Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\BFB299.D

Date : 22-JUN-2004 07:18

Client ID: BONGBFB

Instrument: a3ux7.i

Sample Info:

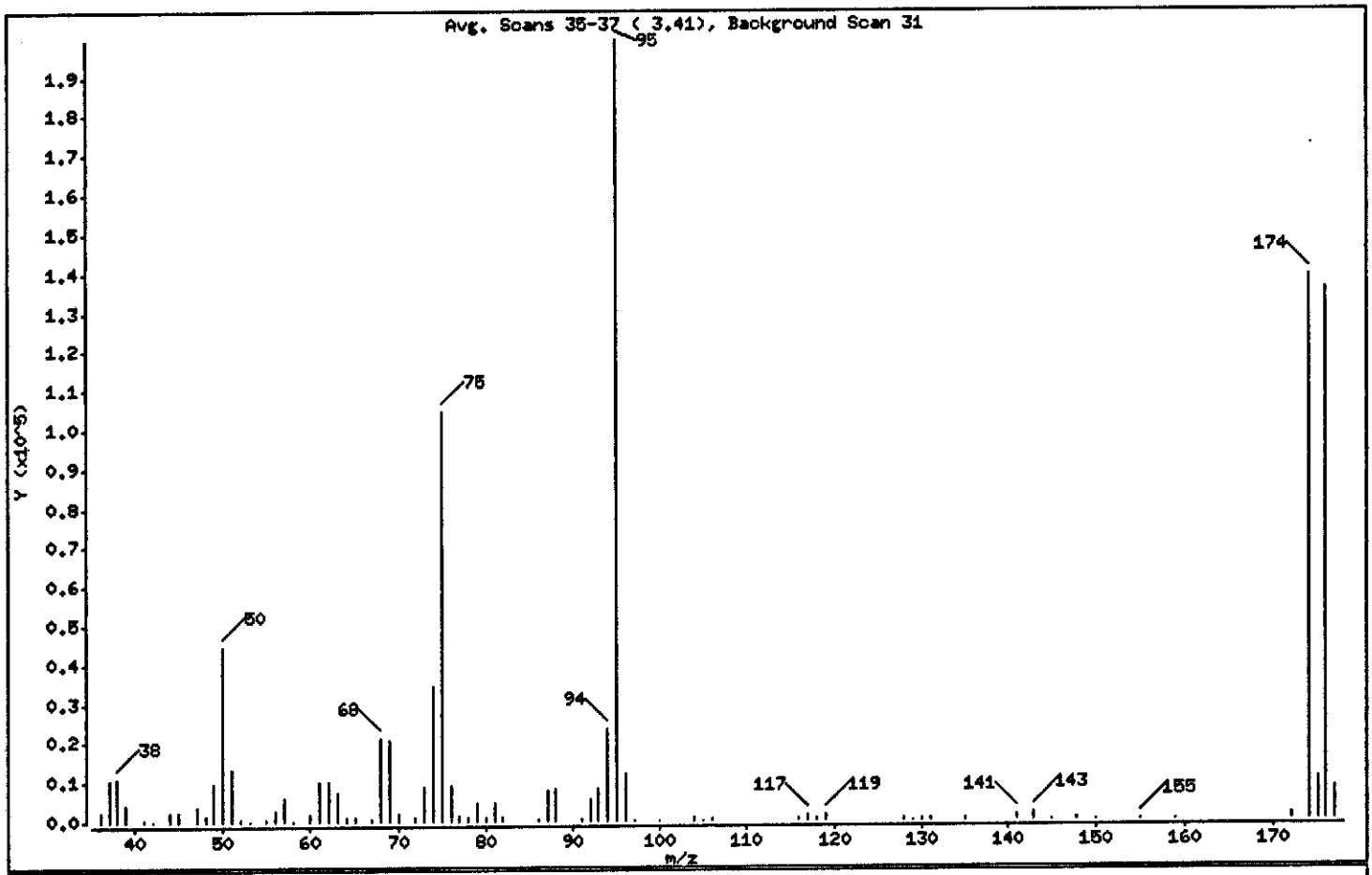
Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.30
75	30.00 - 60.00% of mass 95	52.35
96	5.00 - 9.00% of mass 95	6.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	69.60
175	5.00 - 9.00% of mass 174	5.19 (7.46)
176	95.00 - 101.00% of mass 174	67.94 (97.62)
177	5.00 - 9.00% of mass 176	4.19 (6.17)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\BFB299.D

Date : 22-JUN-2004 07:18

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

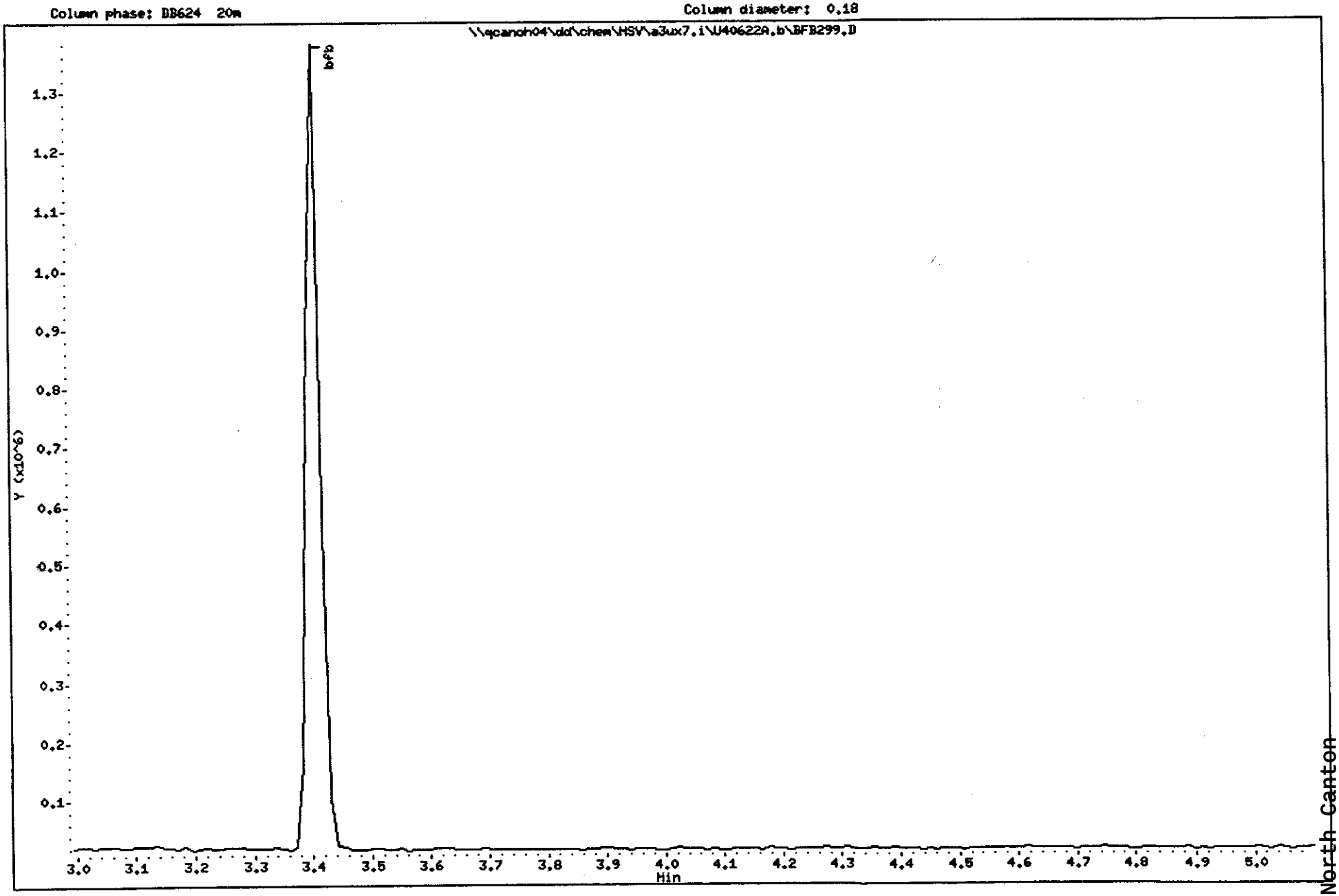
Column diameter: 0.18

Data File: BFB299.D
Spectrum: Avg. Scans 35-37 (3.41), Background Scan 31
Location of Maximum: 95.00
Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2420	60.00	1901	81.00	4643	119.00	1147
37.00	10542	61.00	10032	82.00	1010	128.00	482
38.00	10832	62.00	9945	86.00	338	129.00	185
39.00	3987	63.00	7186	87.00	7862	130.00	568
41.00	371	64.00	1073	88.00	8131	131.00	654
42.00	181	65.00	849	91.00	628	135.00	378
44.00	2100	67.00	342	92.00	5642	141.00	1515
45.00	2193	68.00	21088	93.00	8108	143.00	1930
47.00	3488	69.00	20648	94.00	23376	145.00	202
48.00	1367	70.00	1663	95.00	199488	148.00	277
49.00	9780	72.00	1121	96.00	11966	150.00	167
50.00	44504	73.00	8723	97.00	222	155.00	203
51.00	13153	74.00	34552	100.00	173	159.00	170
52.00	252	75.00	104448	104.00	1114	172.00	1302
53.00	224	76.00	9319	105.00	171	174.00	138816
55.00	618	77.00	1281	106.00	404	175.00	10355
56.00	2875	78.00	771	116.00	462	176.00	135552
57.00	6155	79.00	4436	117.00	1339	177.00	8364
58.00	179	80.00	1045	118.00	501		

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40622A.b\BFB299.D
Date : 22-JUN-2004 07:18
Client ID: 50NGBFB
Sample Info:
Volume Injected (uL): 1.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



860
STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\BFB8765.D

Date : 03-JUN-2004 14:36

Client ID: 50NGBFB

Instrument: a3ux8a.i

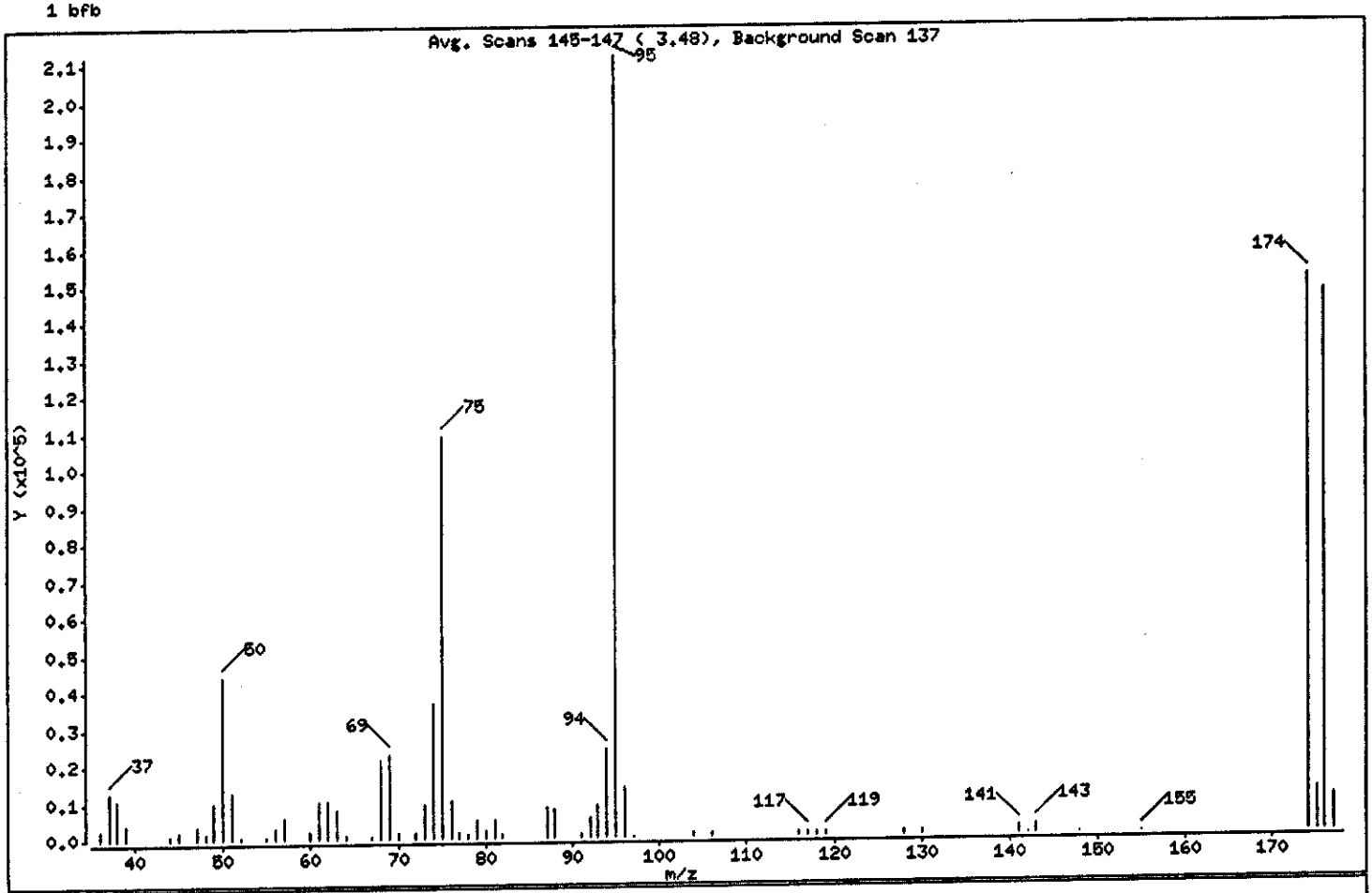
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.84
75	30.00 - 60.00% of mass 95	51.36
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	71.14
175	5.00 - 9.00% of mass 174	5.62 (7.90)
176	95.00 - 101.00% of mass 174	69.46 (97.63)
177	5.00 - 9.00% of mass 176	4.67 (6.58)

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\BFB8765.D

Date : 03-JUN-2004 14:36

Client ID: 50NGBFB

Instrument: a3ux8a.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB8765.D
Spectrum: Avg. Scans 145-147 (3.48), Background Scan 137
Location of Maximum: 95.00
Number of points: 61

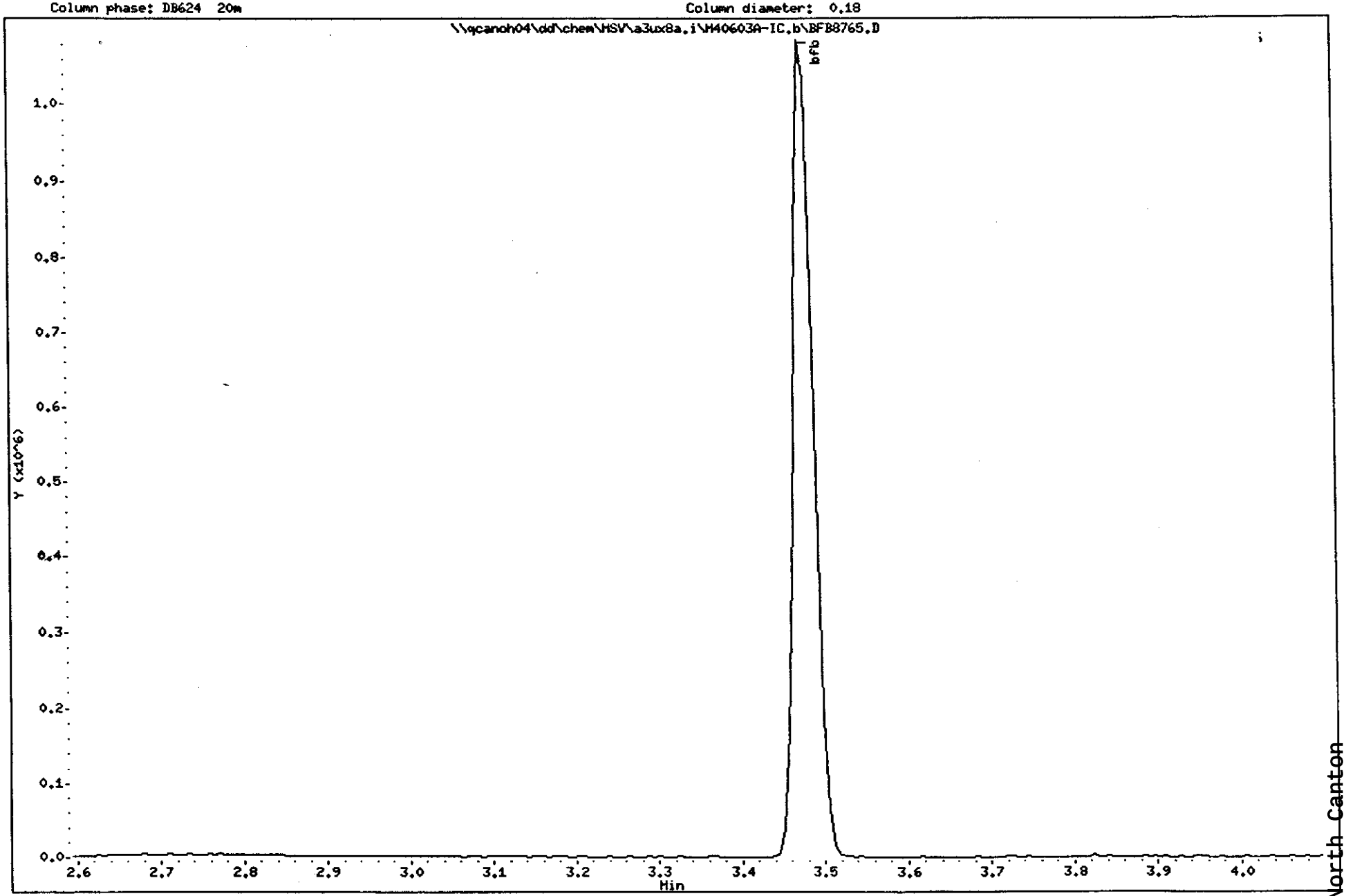
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2404	61.00	10430	80.00	1723	118.00	824
37.00	12533	62.00	10121	81.00	5089	119.00	1116
38.00	10640	63.00	7625	82.00	1044	128.00	773
39.00	3927	64.00	903	87.00	8121	130.00	750
44.00	1069	67.00	437	88.00	8008	141.00	2034
45.00	2046	68.00	21672	91.00	798	142.00	168
47.00	3371	69.00	22976	92.00	5358	143.00	2581
48.00	1346	70.00	1537	93.00	8624	148.00	204
49.00	9748	72.00	1350	94.00	23760	155.00	171
50.00	44192	73.00	9514	95.00	212032	174.00	150848
51.00	12823	74.00	36512	96.00	13607	175.00	11917
52.00	503	75.00	108912	97.00	194	176.00	147264
55.00	597	76.00	10075	104.00	765	177.00	9695
56.00	3097	77.00	1291	106.00	781		
57.00	6103	78.00	934	116.00	796		
60.00	1875	79.00	4798	117.00	1186		

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\BFB8765.D
Date : 03-JUN-2004 14:36
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Column phase: DB624 20m

Instrument: a3ux8a.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\BFB8784.D

Date : 19-JUN-2004 13:10

Client ID: 50NGBFB

Instrument: a3ux8a.i

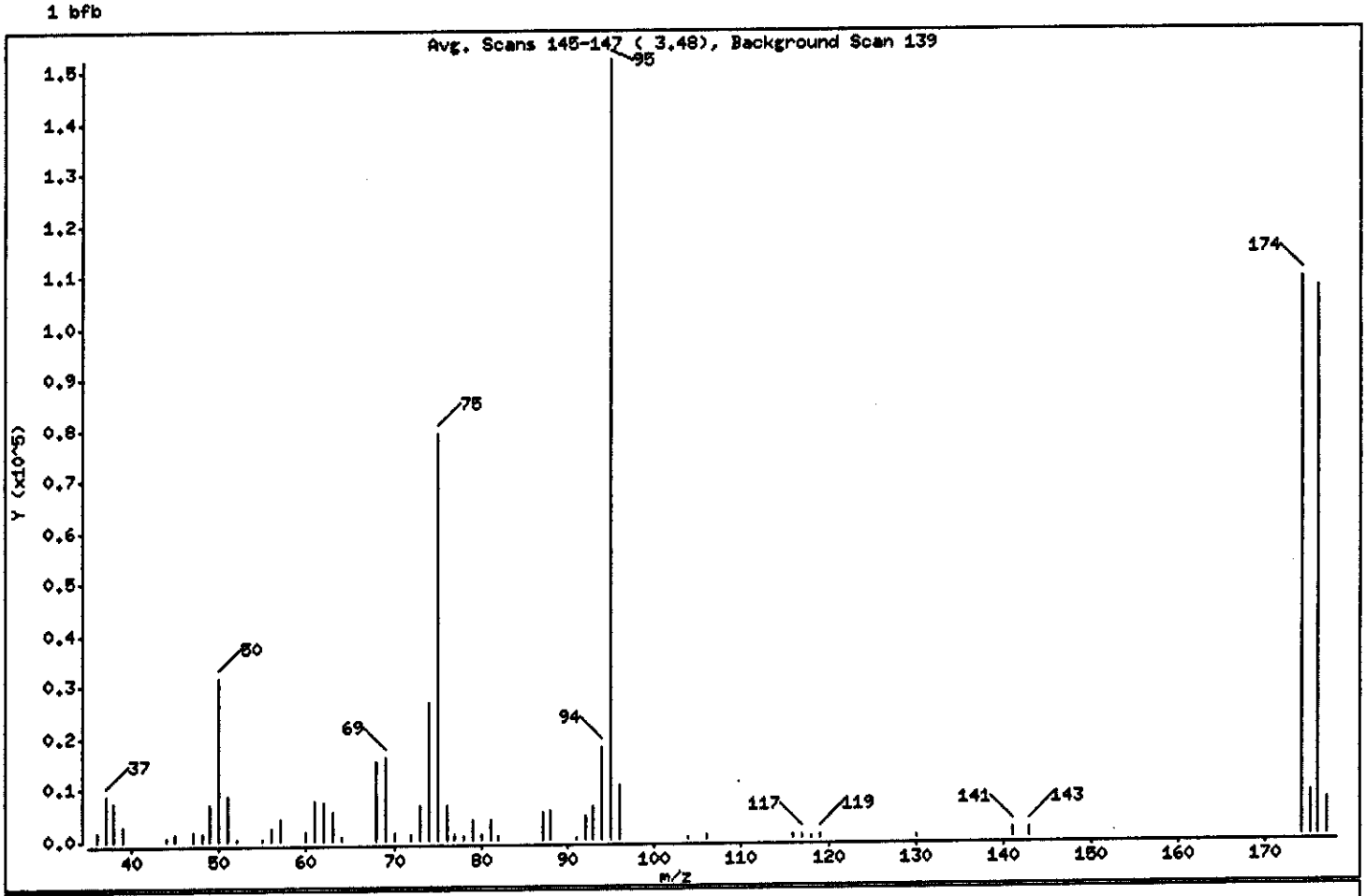
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.67
75	30.00 - 60.00% of mass 95	52.14
96	5.00 - 9.00% of mass 95	6.95
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	71.73
175	5.00 - 9.00% of mass 174	5.63 (7.85)
176	95.00 - 101.00% of mass 174	70.42 (98.17)
177	5.00 - 9.00% of mass 176	4.54 (6.44)

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\BFB8784.D

Date : 19-JUN-2004 13:10

Client ID: 50NGBFB

Instrument: a3ux8a.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

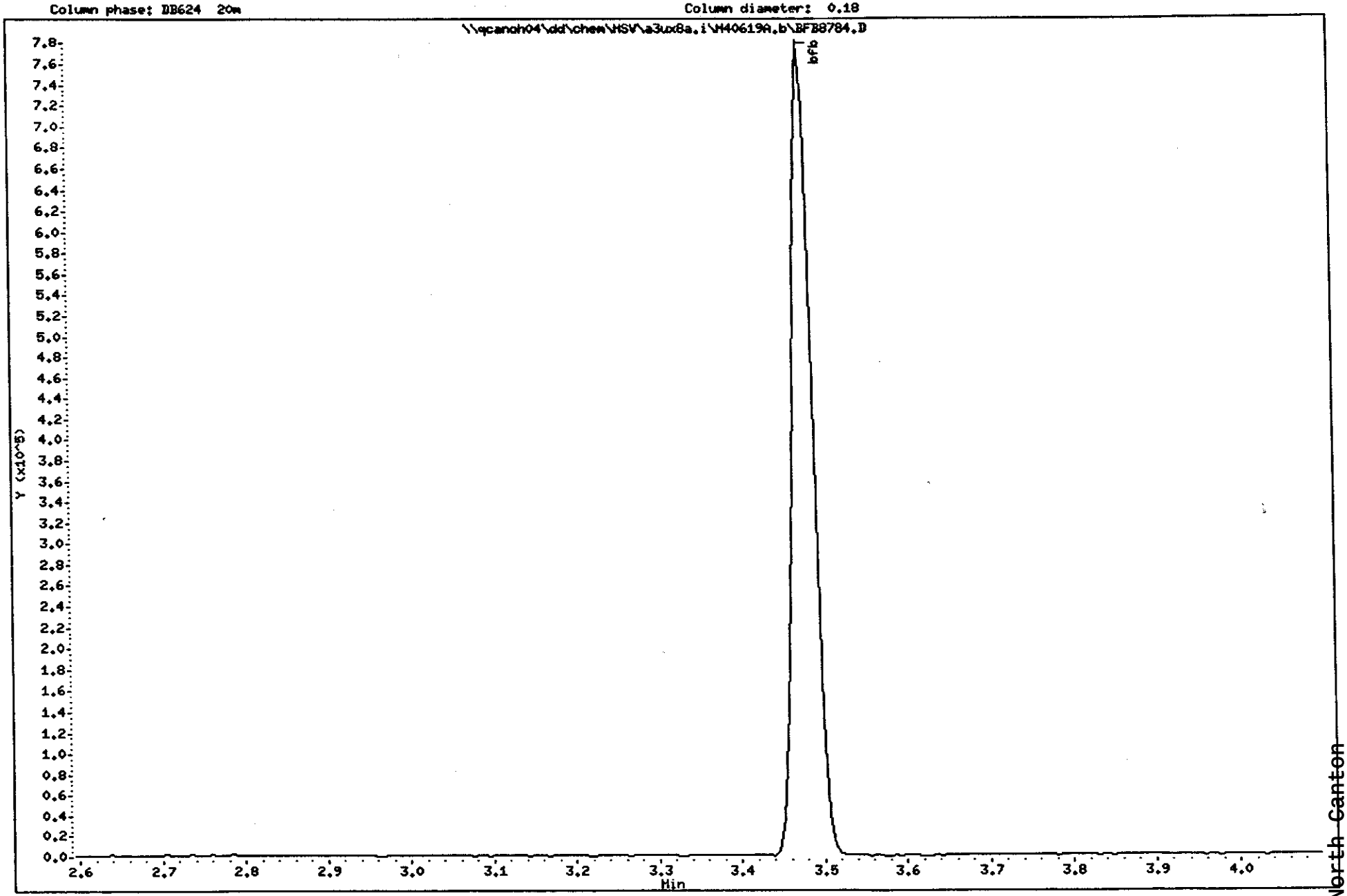
Column diameter: 0.18

Data File: BFB8784.D
Spectrum: Avg. Scans 145-147 (3.48), Background Scan 139
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1622	57.00	4346	77.00	1102	104.00	435
37.00	8751	60.00	1726	78.00	661	106.00	690
38.00	7246	61.00	7641	79.00	3961	116.00	646
39.00	2811	62.00	7331	80.00	1004	117.00	832
44.00	617	63.00	5666	81.00	3868	118.00	440
45.00	1413	64.00	594	82.00	787	119.00	531
47.00	1725	68.00	15537	87.00	5278	130.00	417
48.00	1523	69.00	16234	88.00	5598	141.00	1674
49.00	6885	70.00	1261	91.00	183	143.00	1806
50.00	31456	72.00	917	92.00	4453	174.00	109184
51.00	8939	73.00	6626	93.00	6330	175.00	8569
52.00	487	74.00	26712	94.00	17912	176.00	107184
55.00	192	75.00	79368	95.00	152192	177.00	6905
56.00	2320	76.00	6682	96.00	10578		

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40619A.b\BFB8784.D
Date : 19-JUN-2004 13:10
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux8a.i
Operator: 2807
Column phase: DB624 20m
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\BFB746.D

Date : 11-FEB-2004 18:48

Client ID: 50NG BFB

Instrument: a3ux9.i

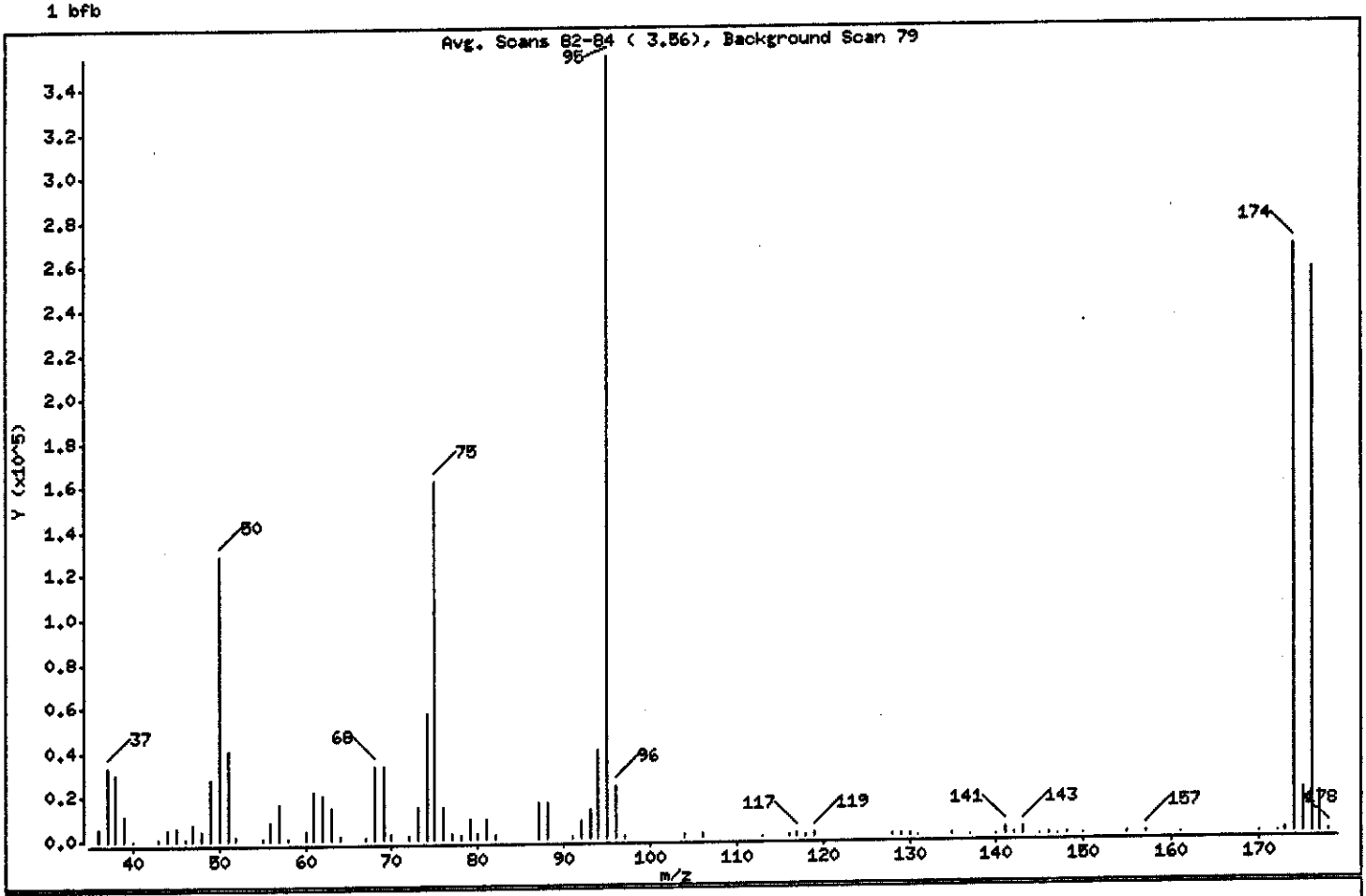
Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	36.29
75	30.00 - 60.00% of mass 95	45.85
96	5.00 - 9.00% of mass 95	6.62
173	Less than 2.00% of mass 174	0.57 (0.76)
174	50.00 - 100.00% of mass 95	75.15
175	5.00 - 9.00% of mass 174	5.44 (7.24)
176	95.00 - 101.00% of mass 174	72.24 (96.13)
177	5.00 - 9.00% of mass 176	4.95 (6.85)

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\BFB746.D

Date : 11-FEB-2004 18:48

Client ID: 50NG BFB

Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

Data File: BFB746.D

Spectrum: Avg. Scans 82-84 (3.56), Background Scan 79

Location of Maximum: 95.00

Number of points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6049	62.00	20656	92.00	8264	142.00	467
37.00	33360	63.00	14842	93.00	12981	143.00	3108
38.00	30168	64.00	1324	94.00	40024	145.00	203
39.00	11400	67.00	878	95.00	353856	146.00	477
40.00	172	68.00	33656	96.00	23416	147.00	167
43.00	536	69.00	32976	97.00	460	148.00	676
44.00	4651	70.00	2725	104.00	1459	150.00	176
45.00	5541	72.00	1938	106.00	1321	155.00	684
46.00	503	73.00	14904	113.00	224	157.00	706
47.00	7639	74.00	57016	116.00	1059	161.00	172
48.00	3794	75.00	162240	117.00	1732	170.00	215
49.00	27816	76.00	14383	118.00	1151	172.00	372
50.00	128408	77.00	2094	119.00	1483	173.00	2018
51.00	41064	78.00	1455	128.00	901	174.00	265920
52.00	1896	79.00	8709	129.00	452	175.00	19264
55.00	1197	80.00	2300	130.00	1067	176.00	255616
56.00	8459	81.00	8958	131.00	195	177.00	17504
57.00	16018	82.00	1826	135.00	569	178.00	562
59.00	652	87.00	16238	137.00	341		
60.00	4267	88.00	16672	140.00	179		
61.00	22016	91.00	1136	141.00	3282		

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40211-IC.b\BFB746.D

Page 1

Date : 11-FEB-2004 18:48

Client ID: 50NG BFB

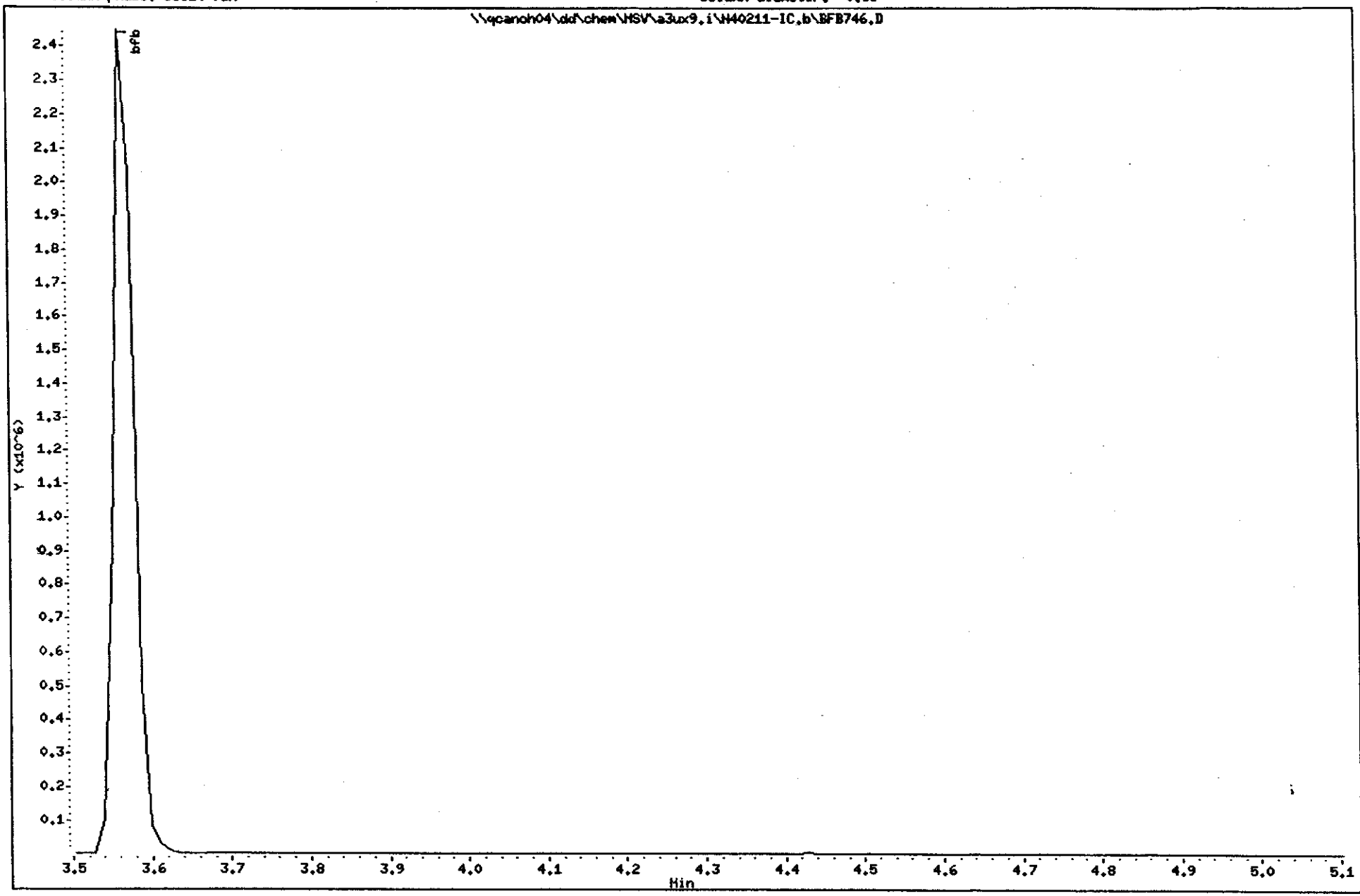
Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53



Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\BFB620.D

Date : 21-JUN-2004 10:20

Client ID: 50NG BFB

Instrument: a3ux9.i

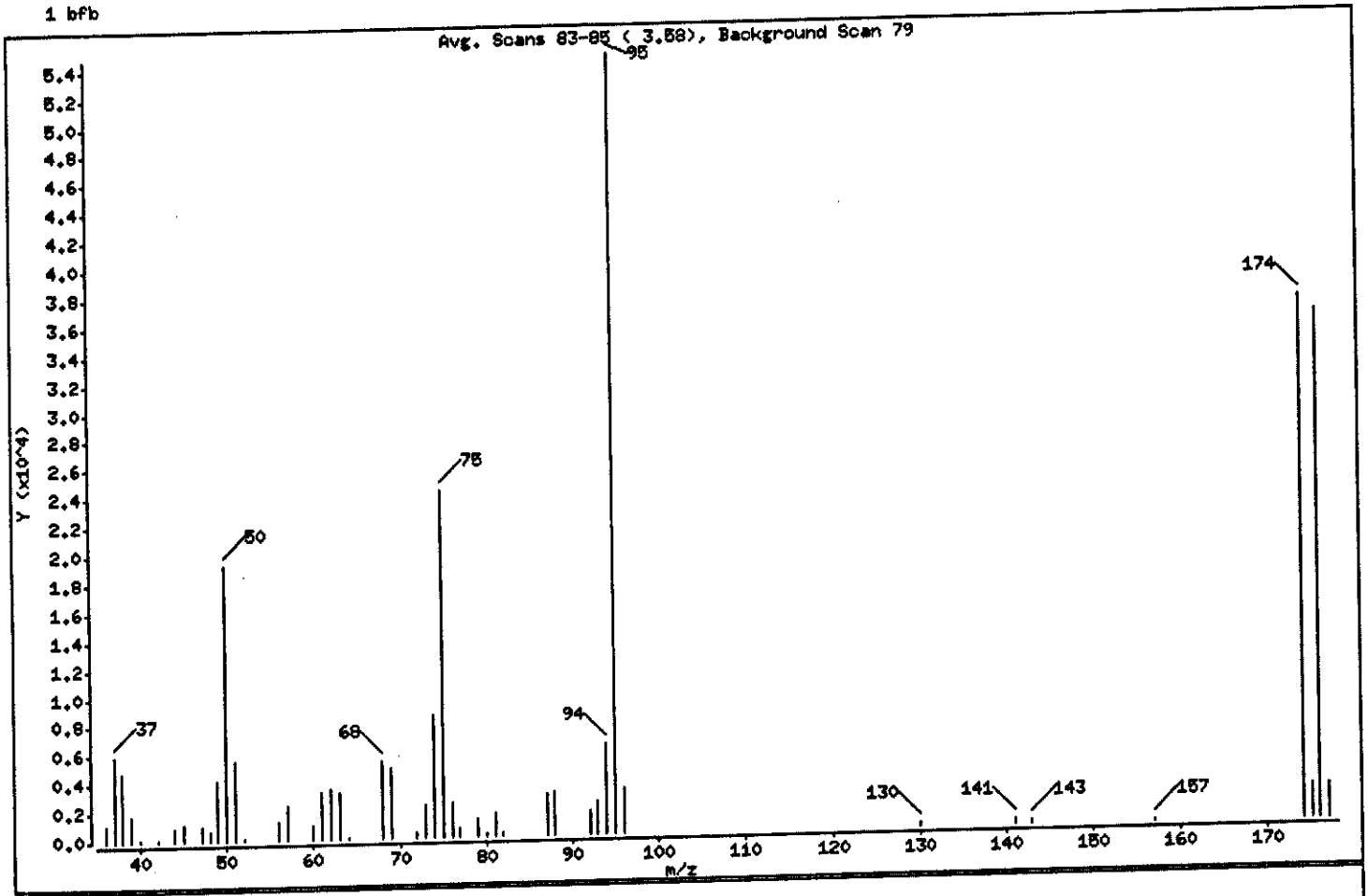
Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	35.28
75	30.00 - 60.00% of mass 95	44.46
96	5.00 - 9.00% of mass 95	5.84
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	67.15
175	5.00 - 9.00% of mass 174	4.46 (6.65)
176	95.00 - 101.00% of mass 174	65.37 (97.34)
177	5.00 - 9.00% of mass 176	4.26 (6.51)

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\BFB620.D

Date : 21-JUN-2004 10:20

Client ID: 50NG BFB

Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

Data File: BFB620.D
Spectrum: Avg. Scans 83-85 (3.58), Background Scan 79
Location of Maximum: 95.00
Number of points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1144	52.00	180	75.00	24328	96.00	3196
37.00	5864	56.00	1253	76.00	2422	130.00	198
38.00	4796	57.00	2358	77.00	596	141.00	367
39.00	1823	60.00	1049	79.00	1229	143.00	212
40.00	114	61.00	3272	80.00	249	157.00	181
42.00	167	62.00	3464	81.00	1610	174.00	36744
44.00	919	63.00	3258	82.00	202	175.00	2442
45.00	1158	64.00	178	87.00	2858	176.00	35768
47.00	990	68.00	5431	88.00	3044	177.00	2329
48.00	679	69.00	4906	92.00	1594		
49.00	4165	72.00	378	93.00	2314		
50.00	19304	73.00	2314	94.00	6278		
51.00	5519	74.00	8612	95.00	54720		

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40621A-ic.b\BFB620.D

Date : 21-JUN-2004 10:20

Client ID: 50NG BFB

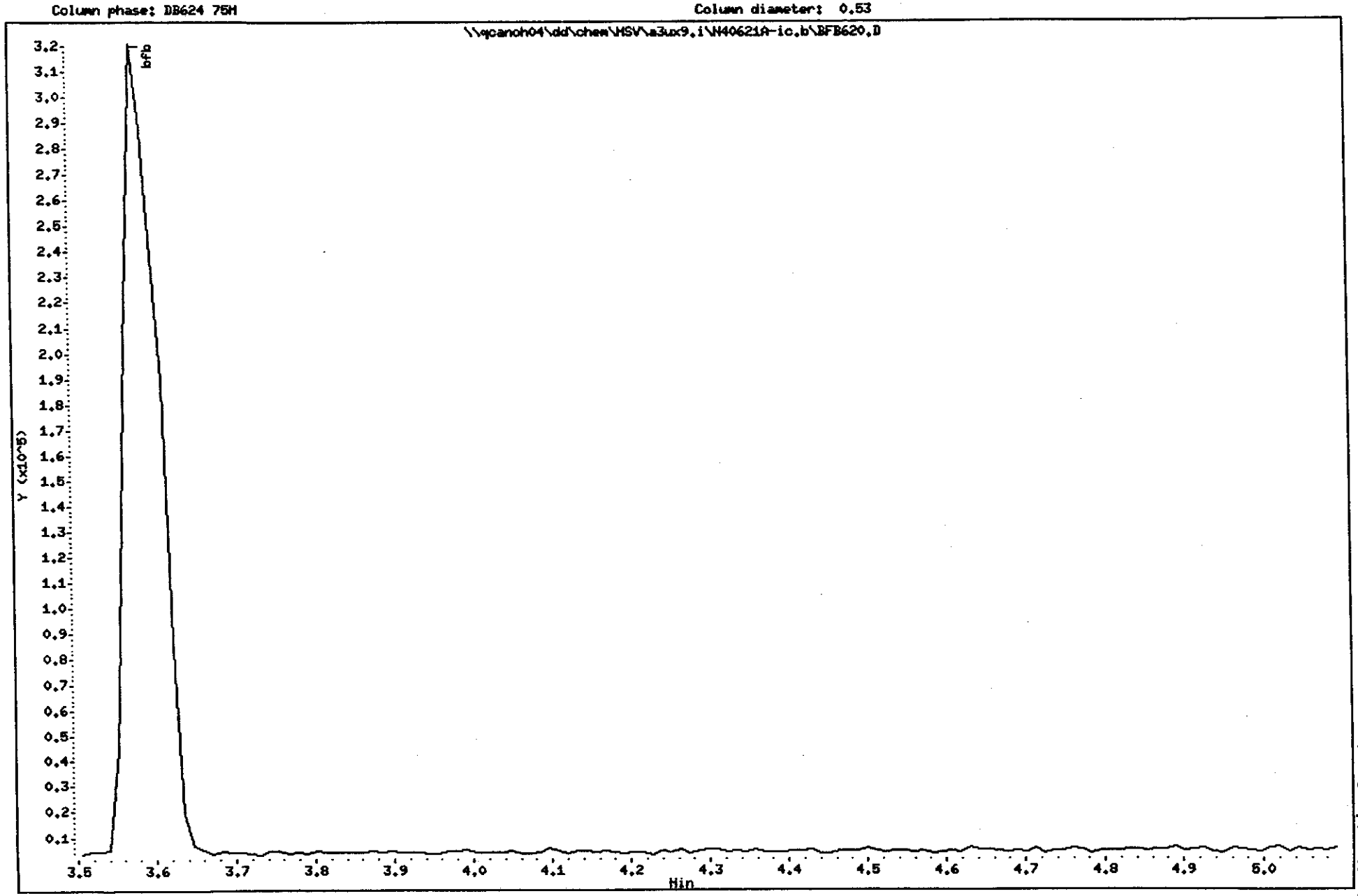
Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53



Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\BFB100.D

Date : 22-JUN-2004 19:51

Client ID: 50NG BFB

Instrument: a3ux9.i

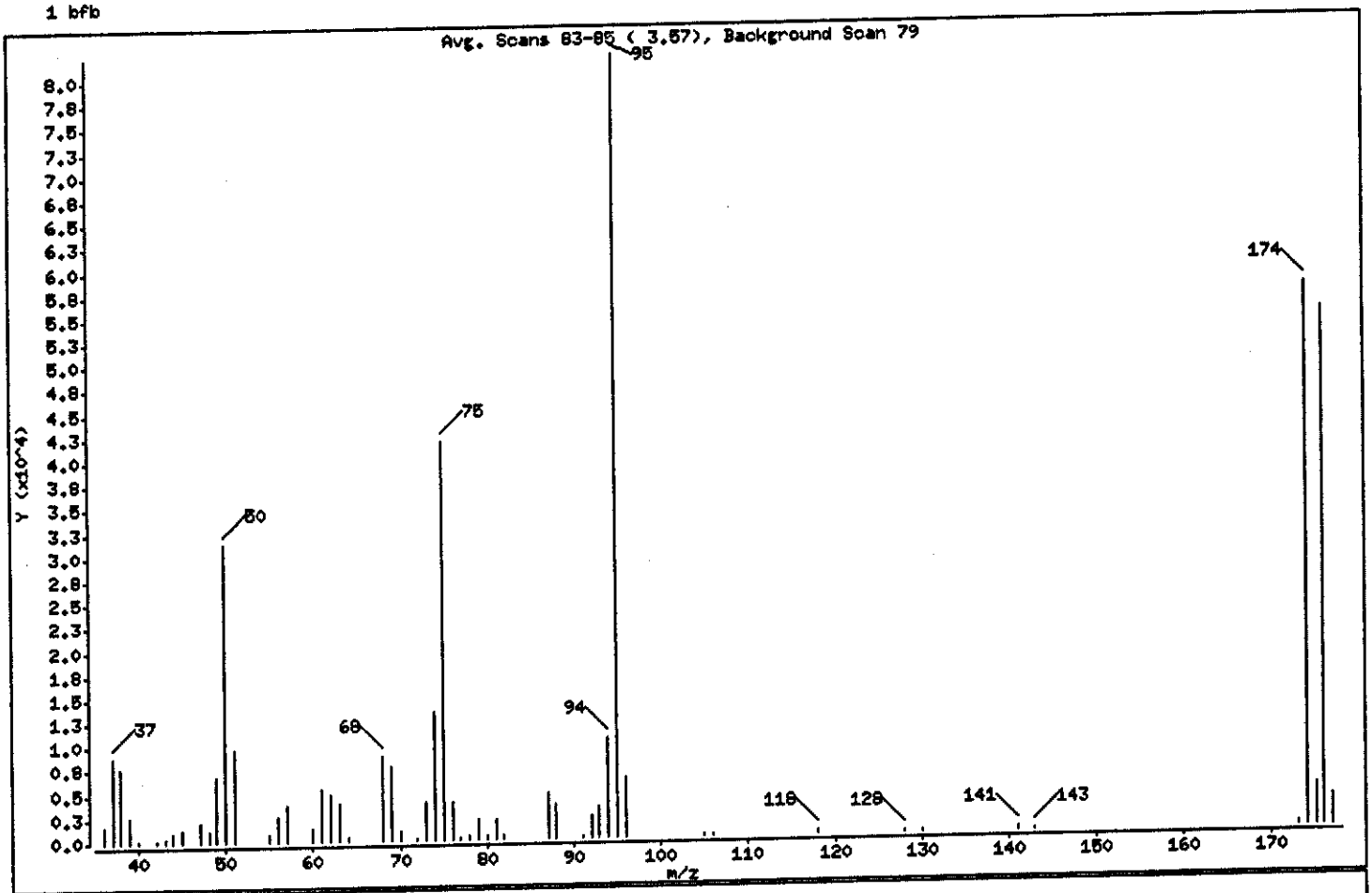
Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	37.87
75	30.00 - 60.00% of mass 95	50.74
96	5.00 - 9.00% of mass 95	7.61
173	Less than 2.00% of mass 174	0.55 (0.79)
174	50.00 - 100.00% of mass 95	69.44
175	5.00 - 9.00% of mass 174	5.27 (7.59)
176	95.00 - 101.00% of mass 174	66.12 (95.21)
177	5.00 - 9.00% of mass 176	3.83 (5.80)

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\BFB100.D

Date : 22-JUN-2004 19:51

Client ID: 50NG BFB

Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

Data File: BFB100.D
Spectrum: Avg. Scans 83-85 (3.57), Background Scan 79
Location of Maximum: 95.00
Number of points: 56

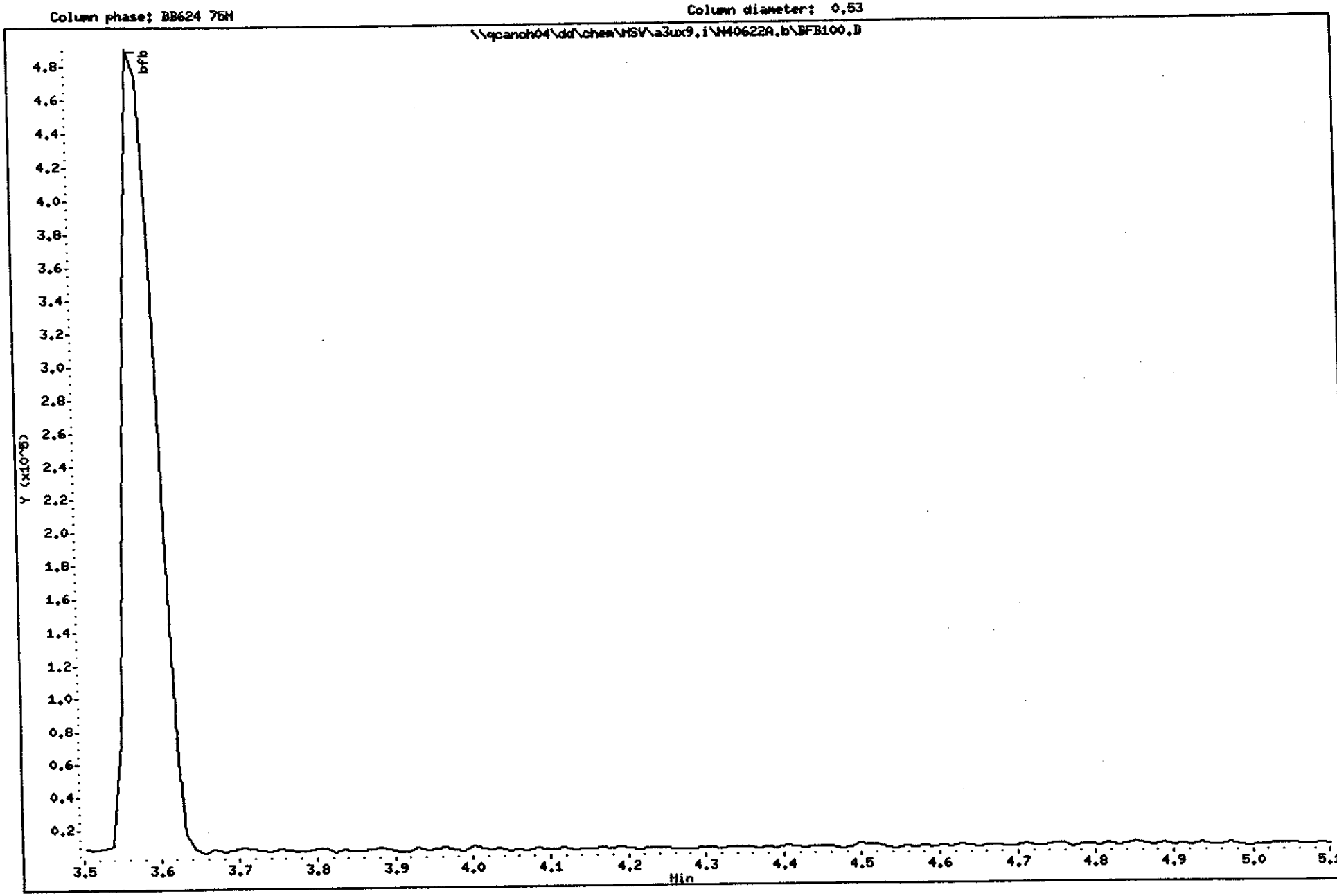
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1709	56.00	2657	77.00	261	106.00	224
37.00	8905	57.00	3864	78.00	462	118.00	412
38.00	7698	60.00	1419	79.00	2134	128.00	201
39.00	2677	61.00	5516	80.00	424	130.00	180
40.00	201	62.00	4909	81.00	2017	141.00	463
42.00	194	63.00	3950	82.00	361	143.00	216
43.00	419	64.00	398	87.00	4712	173.00	450
44.00	1020	68.00	8828	88.00	3547	174.00	57272
45.00	1285	69.00	7776	91.00	188	175.00	4349
47.00	2056	70.00	1014	92.00	2201	176.00	54528
48.00	1173	72.00	262	93.00	3273	177.00	3161
49.00	6831	73.00	3962	94.00	10484		
50.00	31232	74.00	13526	95.00	82472		
51.00	9622	75.00	41848	96.00	6279		
55.00	759	76.00	3946	105.00	180		

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\BFB100.D
Date : 22-JUN-2004 19:51
Client ID: 50NG BFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux9.i

Operator: 1819
Column diameter: 0.53

Column phase: DB624 75M



Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\BFB102.D

Date : 24-JUN-2004 20:00

Client ID: 50NG BFB

Instrument: a3ux9.i

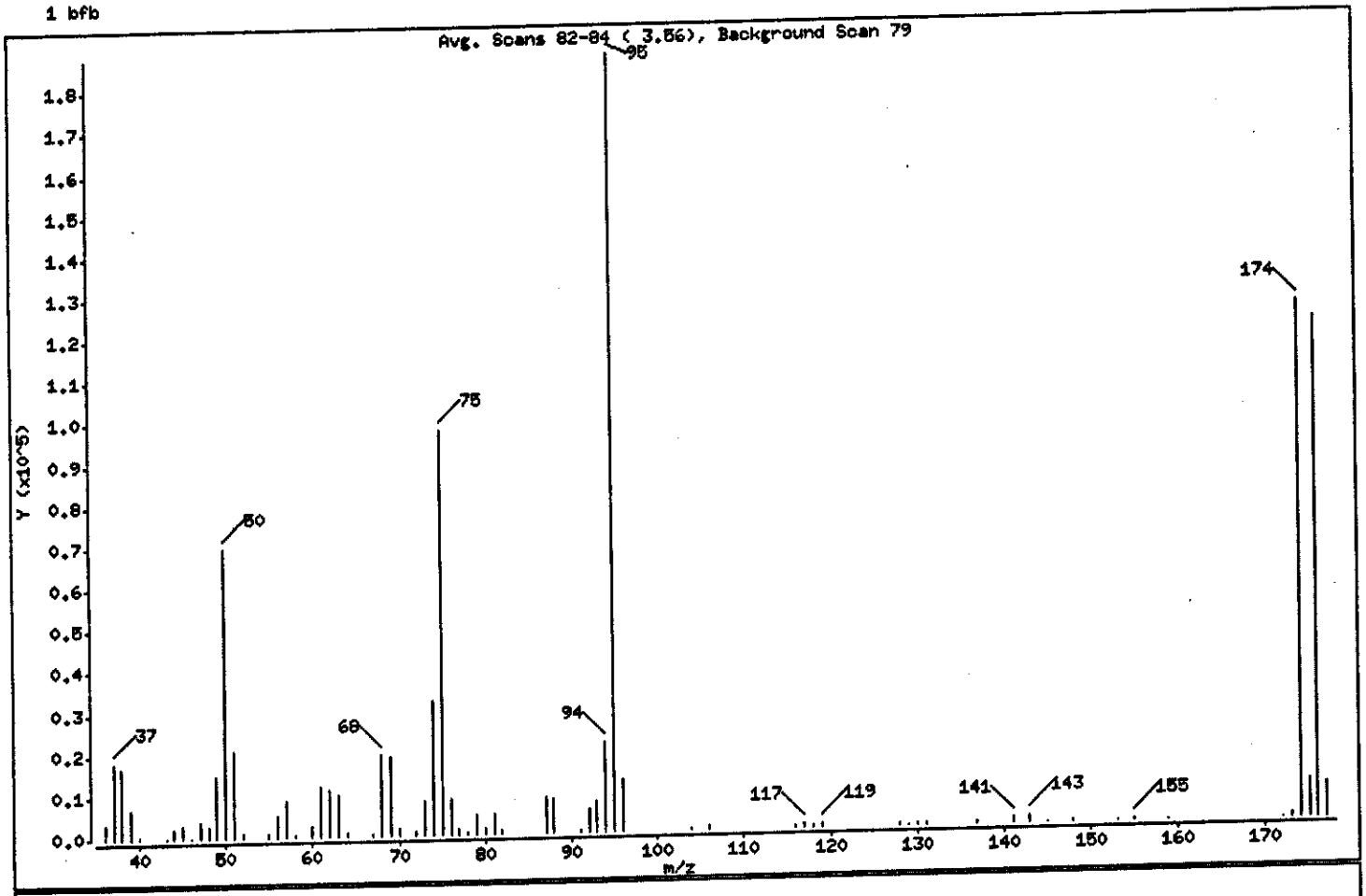
Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	36.93
75	30.00 - 60.00% of mass 95	51.85
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.36 (0.54)
174	50.00 - 100.00% of mass 95	66.38
175	5.00 - 9.00% of mass 174	4.79 (7.22)
176	95.00 - 101.00% of mass 174	64.46 (97.11)
177	5.00 - 9.00% of mass 176	4.25 (6.60)

Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\BFB102.D

Date : 24-JUN-2004 20:00

Client ID: 50NG BFB

Instrument: a3ux9.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 75M

Column diameter: 0.53

Data File: BFB102.D

Spectrum: Avg. Scans 82-84 (3.56), Background Scan 79

Location of Maximum: 95.00

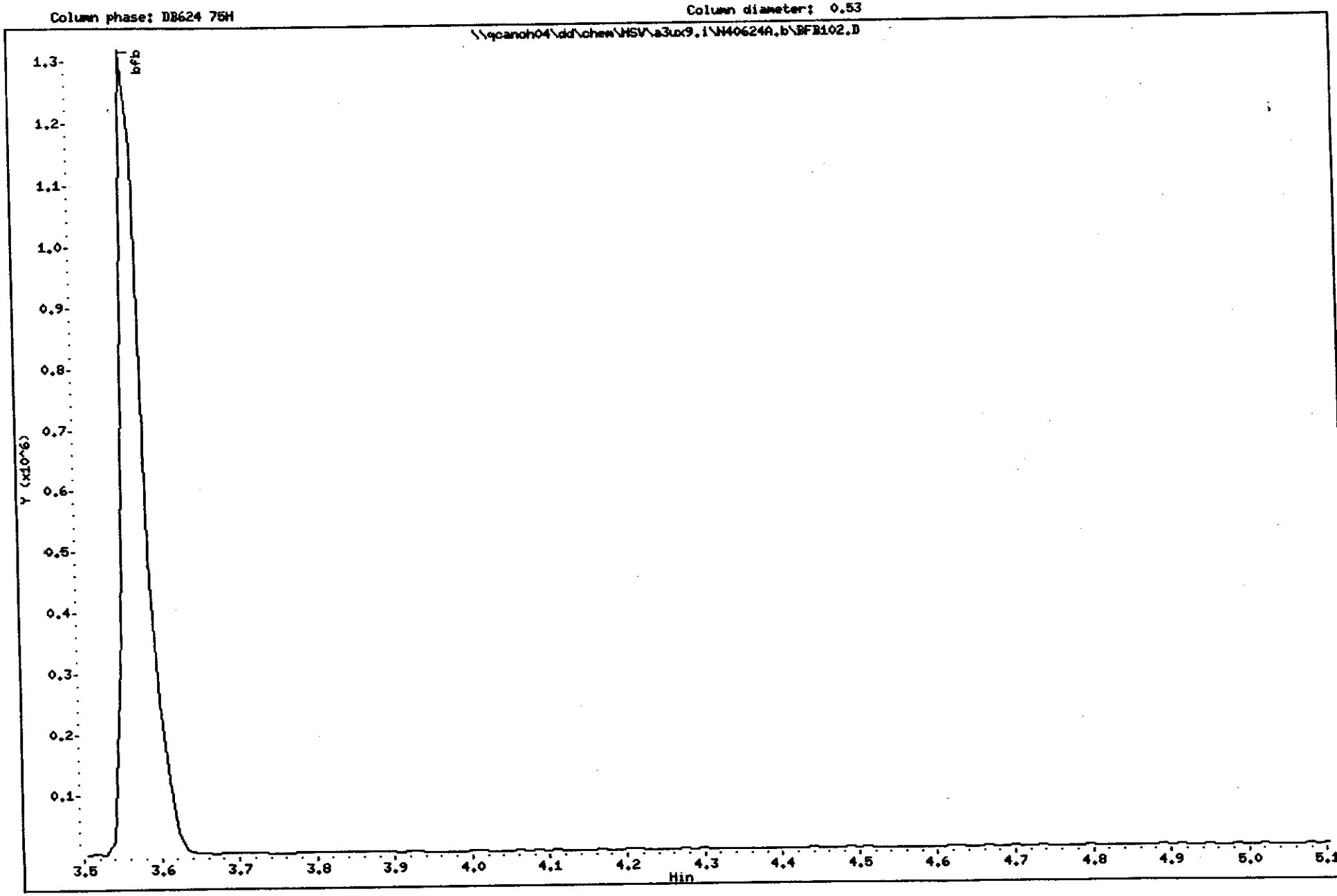
Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3279	58.00	480	80.00	1465	129.00	183
37.00	18320	60.00	2481	81.00	4719	130.00	513
38.00	16744	61.00	12183	82.00	1058	131.00	503
39.00	6944	62.00	11025	87.00	8814	137.00	223
40.00	275	63.00	10036	88.00	8083	141.00	1362
43.00	176	64.00	832	91.00	453	143.00	1723
44.00	2163	67.00	227	92.00	5767	145.00	178
45.00	3223	68.00	19472	93.00	7436	148.00	253
46.00	211	69.00	19096	94.00	21656	153.00	174
47.00	4027	70.00	1651	95.00	187904	155.00	500
48.00	2466	72.00	729	96.00	12701	159.00	214
49.00	14712	73.00	8006	104.00	529	172.00	206
50.00	69384	74.00	32256	106.00	827	173.00	676
51.00	20800	75.00	97424	116.00	219	174.00	124736
52.00	716	76.00	8543	117.00	792	175.00	9003
55.00	889	77.00	1204	118.00	578	176.00	121128
56.00	5160	78.00	608	119.00	843	177.00	7994
57.00	8515	79.00	4761	128.00	532		

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40624A.b\BFB102.D
Date : 24-JUN-2004 20:00
Client ID: 50NG BFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53

Column phase: DB624 75M



STL North Canton

Data File: \\qcanoh04\dd\chem\HSV\a3ux11.i\J40520A-IC.b\BFB117.D

Date : 20-MAY-2004 10:03

Client ID: 50NG BFB

Instrument: a3ux11.i

Sample Info:

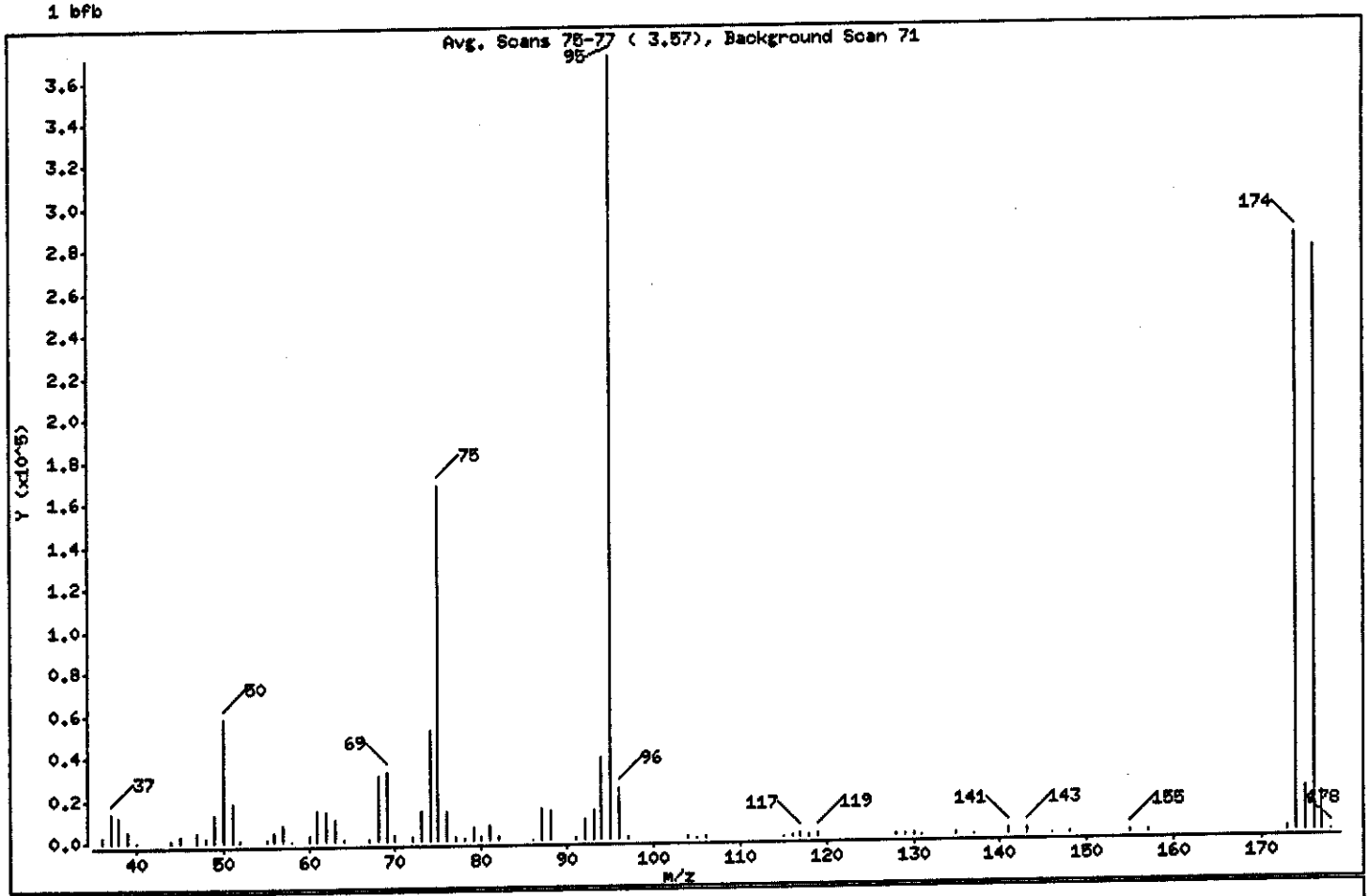
Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.60
75	30.00 - 60.00% of mass 95	45.25
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.40 (0.52)
174	50.00 - 100.00% of mass 95	76.32
175	5.00 - 9.00% of mass 174	5.48 (7.18)
176	95.00 - 101.00% of mass 174	74.81 (98.02)
177	5.00 - 9.00% of mass 176	4.75 (6.35)

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40520A-IC.b\BFB117.D

Date : 20-MAY-2004 10:03

Client ID: 50NG BFB

Instrument: a3ux11.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18

Data File: BFB117.D
Spectrum: Avg. Scans 75-77 (3.57), Background Scan 71
Location of Maximum: 95.00
Number of points: 73

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2777	62.00	13545	87.00	14146	130.00	1151
37.00	13356	63.00	10188	88.00	14003	131.00	170
38.00	11557	64.00	918	91.00	1036	135.00	441
39.00	4844	67.00	788	92.00	9124	137.00	413
40.00	253	68.00	30648	93.00	13267	141.00	2741
44.00	998	69.00	32648	94.00	38312	143.00	2629
45.00	2448	70.00	2339	95.00	370688	146.00	250
47.00	4170	72.00	1707	96.00	23816	148.00	725
48.00	1651	73.00	13849	97.00	611	155.00	871
49.00	12852	74.00	51680	104.00	1137	157.00	459
50.00	57840	75.00	167680	105.00	240	173.00	1480
51.00	17640	76.00	13963	106.00	1160	174.00	282944
52.00	654	77.00	1906	115.00	197	175.00	20320
55.00	610	78.00	1241	116.00	868	176.00	277312
56.00	4517	79.00	5980	117.00	1783	177.00	17600
57.00	7816	80.00	1577	118.00	1031	178.00	409
58.00	198	81.00	6596	119.00	1518		
60.00	2864	82.00	1331	128.00	1126		
61.00	14266	86.00	347	129.00	483		

Data File: \\qcanoh04\dd\chem\HSV\a3uxi1.i\J40520A-IC.b\BFB117.D

Date : 20-MAY-2004 10:03

Client ID: 50NG BFB

Instrument: a3uxi1.i

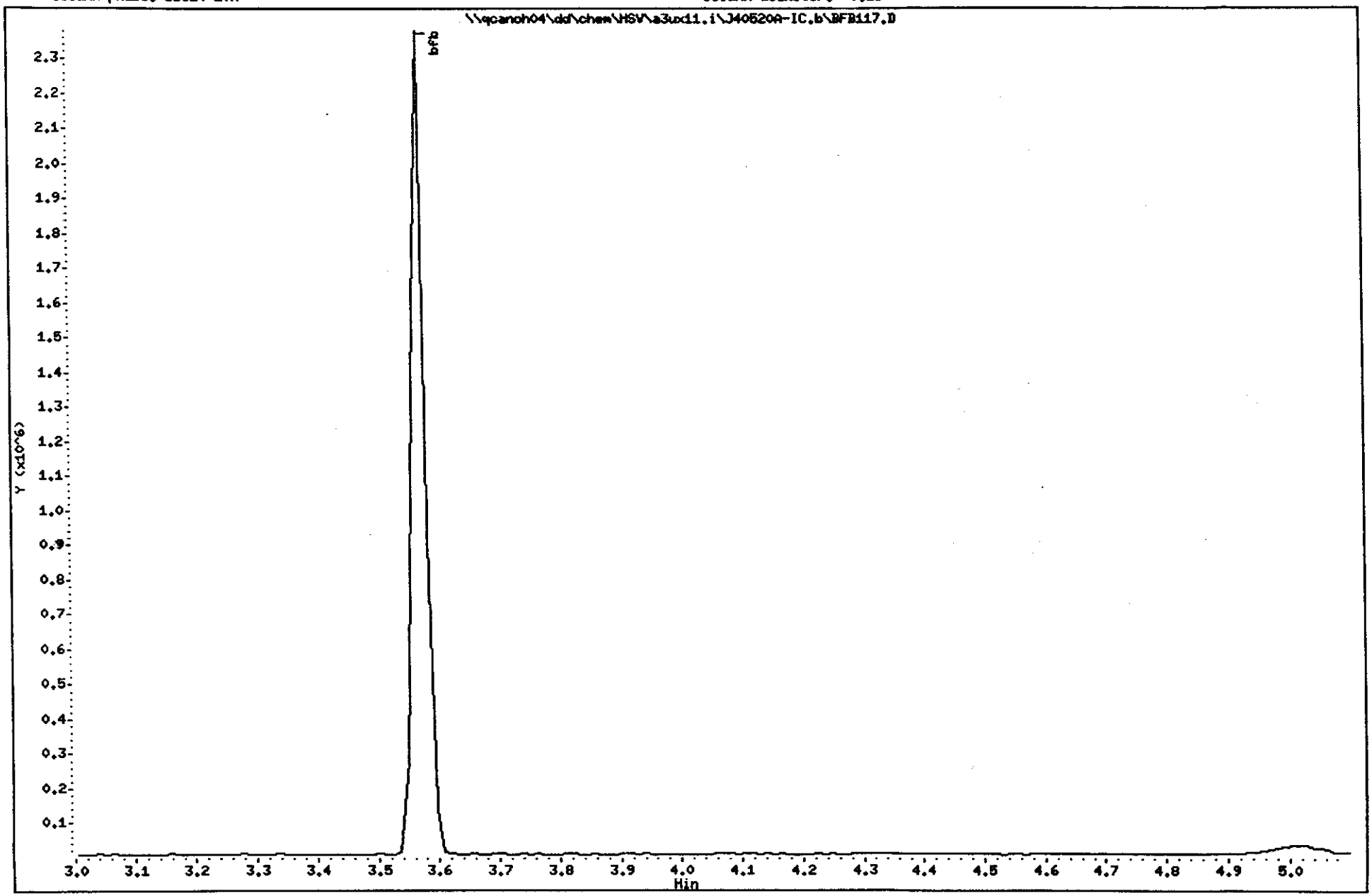
Sample Info:

Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\BFB130.D

Date : 01-JUN-2004 09:20

Client ID: 50NG BFB

Instrument: a3ux11.i

Sample Info:

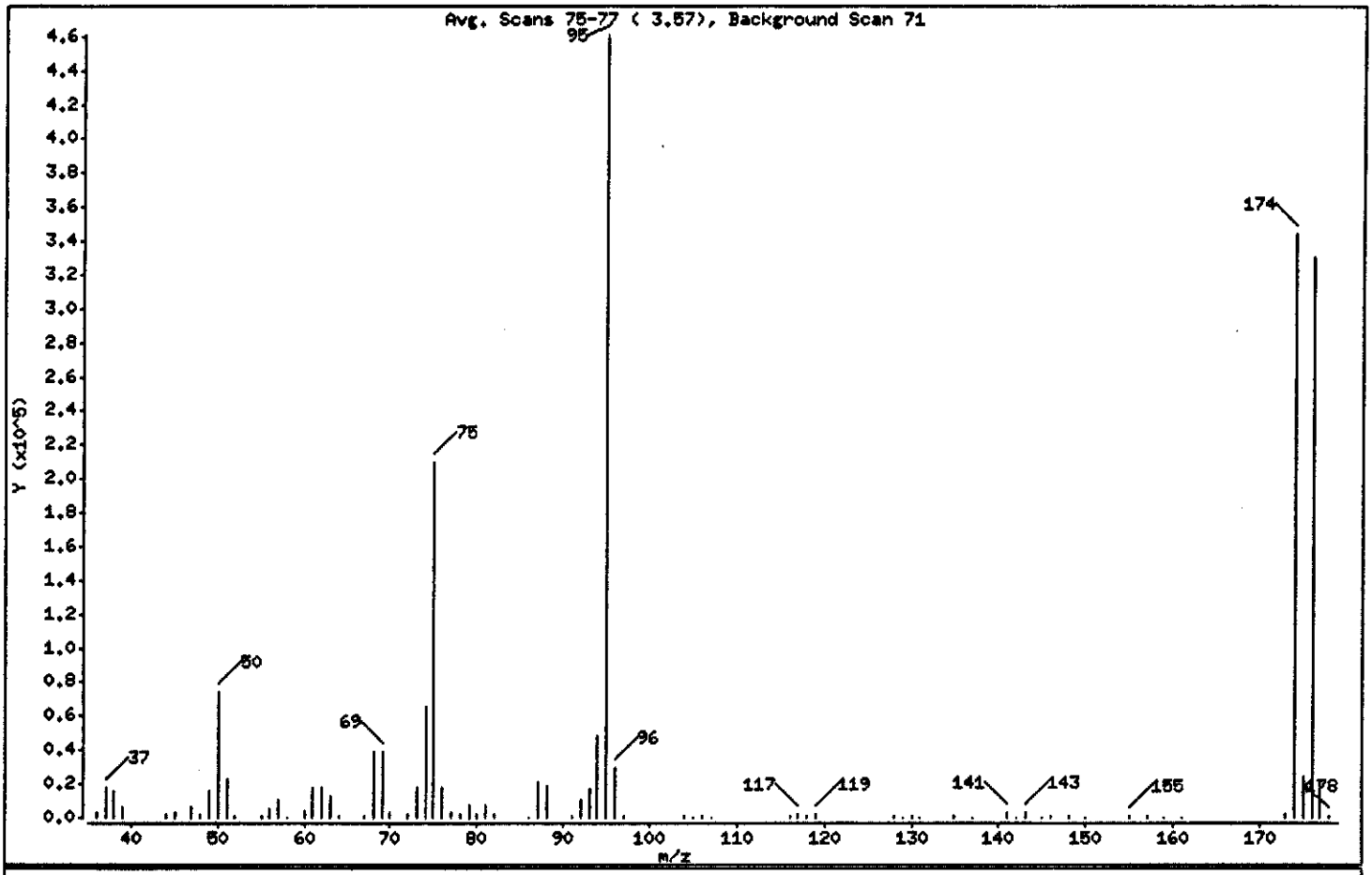
Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.06
75	30.00 - 60.00% of mass 95	48.61
96	5.00 - 9.00% of mass 95	6.54
173	Less than 2.00% of mass 174	0.45 (0.60)
174	50.00 - 100.00% of mass 95	74.78
175	5.00 - 9.00% of mass 174	5.33 (7.13)
176	95.00 - 101.00% of mass 174	71.70 (95.88)
177	5.00 - 9.00% of mass 176	4.77 (6.65)

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\BFB130.D

Date : 01-JUN-2004 09:20

Client ID: 50NG BFB

Instrument: a3ux11.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18

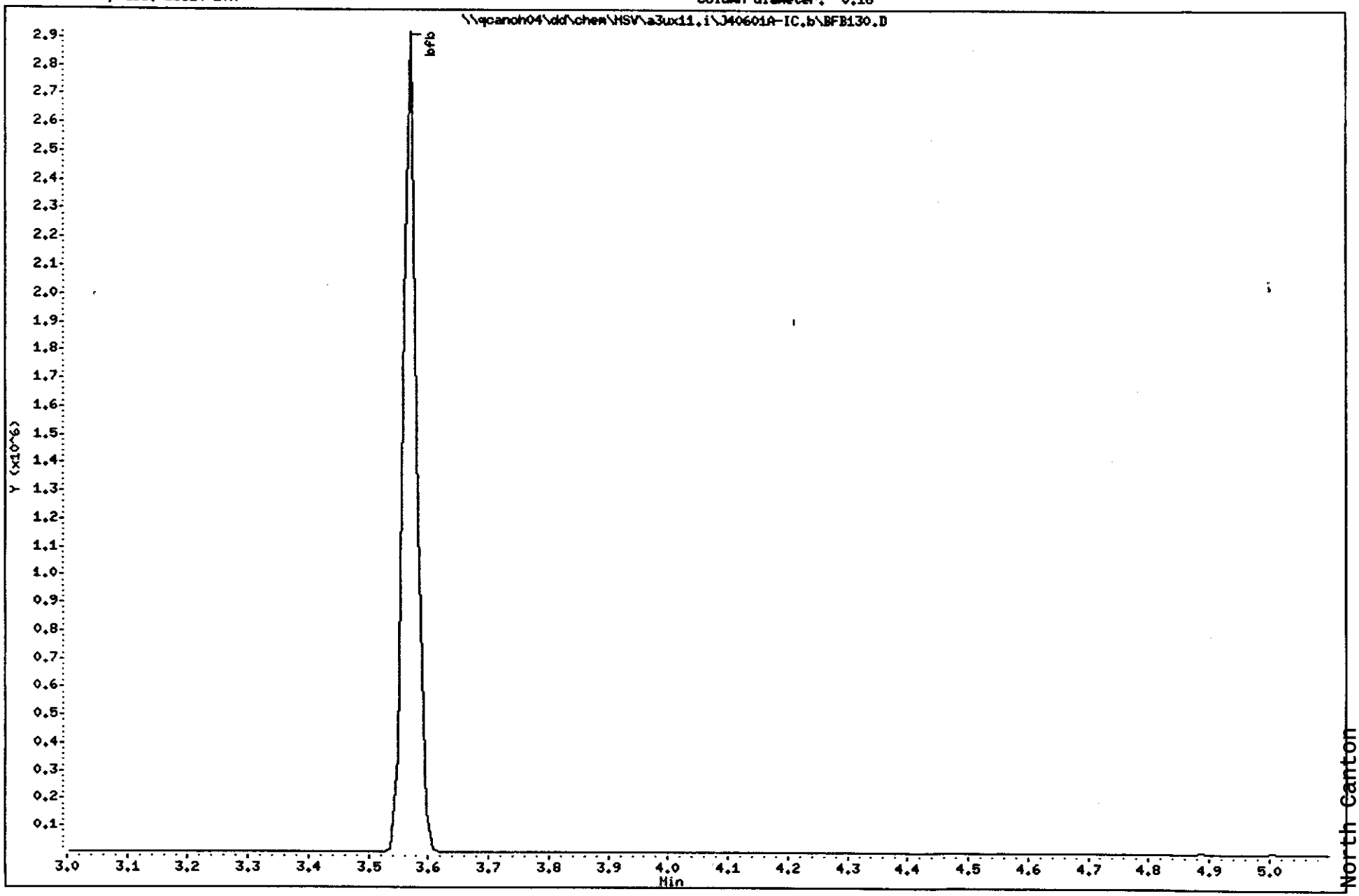
Data File: BFB130.D
Spectrum: Avg. Scans 75-77 (3.57), Background Scan 71
Location of Maximum: 95.00
Number of points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3369	64.00	1174	92.00	10740	141.00	3087
37.00	18256	67.00	830	93.00	16616	142.00	208
38.00	15820	68.00	38960	94.00	48296	143.00	3699
39.00	6099	69.00	39520	95.00	460800	145.00	176
44.00	1791	70.00	2697	96.00	30120	146.00	540
45.00	2829	72.00	1872	97.00	727	148.00	919
47.00	6222	73.00	17680	104.00	1356	150.00	196
48.00	2420	74.00	65432	105.00	316	155.00	887
49.00	15876	75.00	210112	106.00	1418	157.00	702
50.00	73984	76.00	17632	107.00	189	159.00	176
51.00	23336	77.00	2874	116.00	1116	161.00	263
52.00	866	78.00	1908	117.00	1950	173.00	2062
55.00	931	79.00	7366	118.00	1177	174.00	344576
56.00	5130	80.00	2097	119.00	1715	175.00	24552
57.00	10196	81.00	7728	128.00	1329	176.00	330368
58.00	414	82.00	1897	129.00	430	177.00	21960
60.00	3769	86.00	492	130.00	1158	178.00	644
61.00	17528	87.00	21000	131.00	394		
62.00	17584	88.00	19584	135.00	537		
63.00	12914	91.00	1165	137.00	277		

884

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40601A-IC.b\BFB130.D
Date : 01-JUN-2004 09:20
Client ID: 50NG BFB
Sample Info:
Volume Injected (uL): 1.0
Column phase: DB624 20M

Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\BFB154.D

Date : 22-JUN-2004 08:15

Client ID: BONG BFB

Instrument: a3ux11.i

Sample Info:

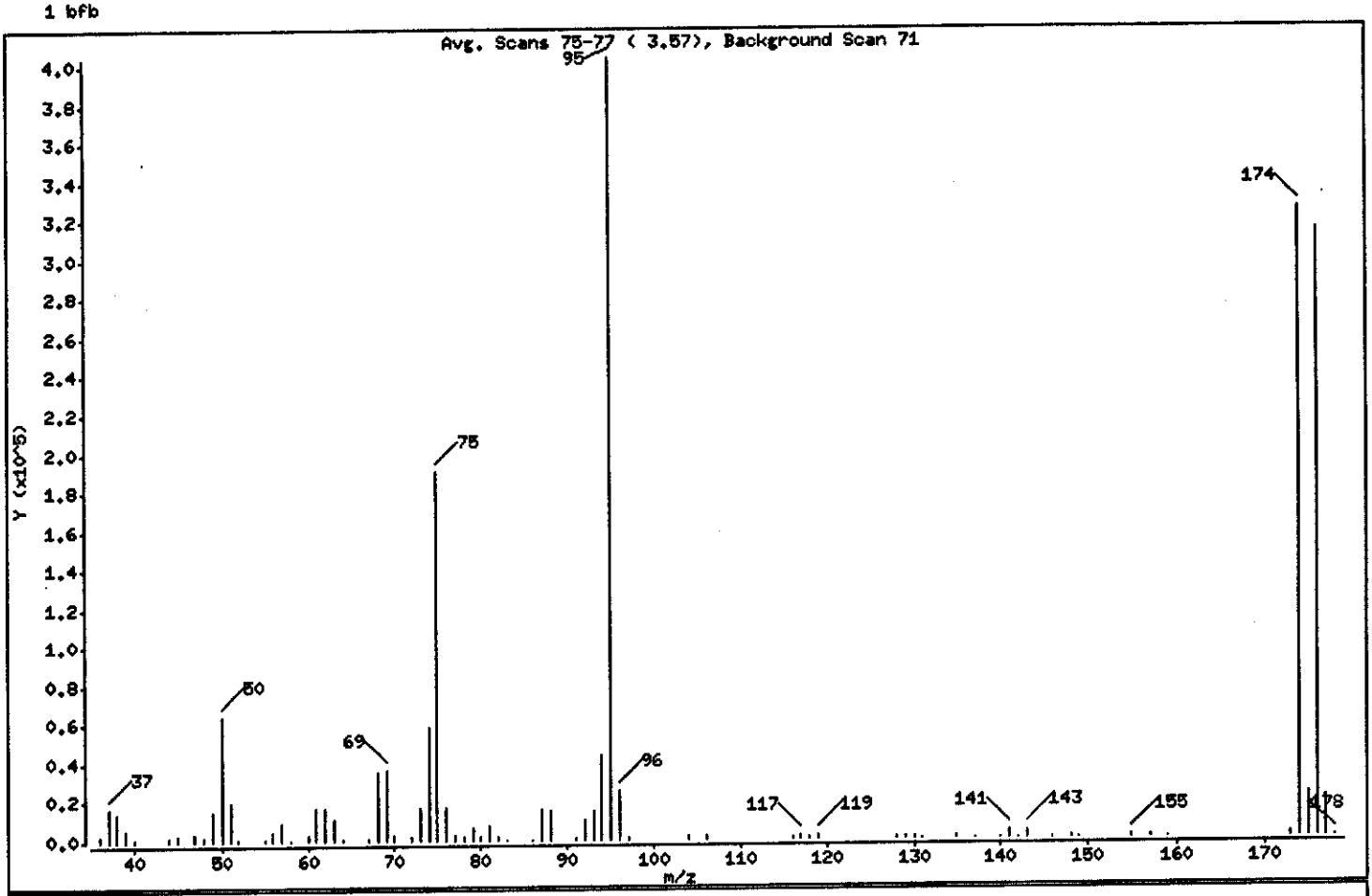
Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.91
75	30.00 - 60.00% of mass 95	47.01
96	5.00 - 9.00% of mass 95	6.27
173	Less than 2.00% of mass 174	0.45 (0.56)
174	50.00 - 100.00% of mass 95	80.34
175	5.00 - 9.00% of mass 174	5.53 (6.88)
176	95.00 - 101.00% of mass 174	77.66 (96.67)
177	5.00 - 9.00% of mass 176	5.01 (6.45)

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\BFB154.D

Date : 22-JUN-2004 08:15

Client ID: 50NG BFB

Instrument: a3ux11.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 43582

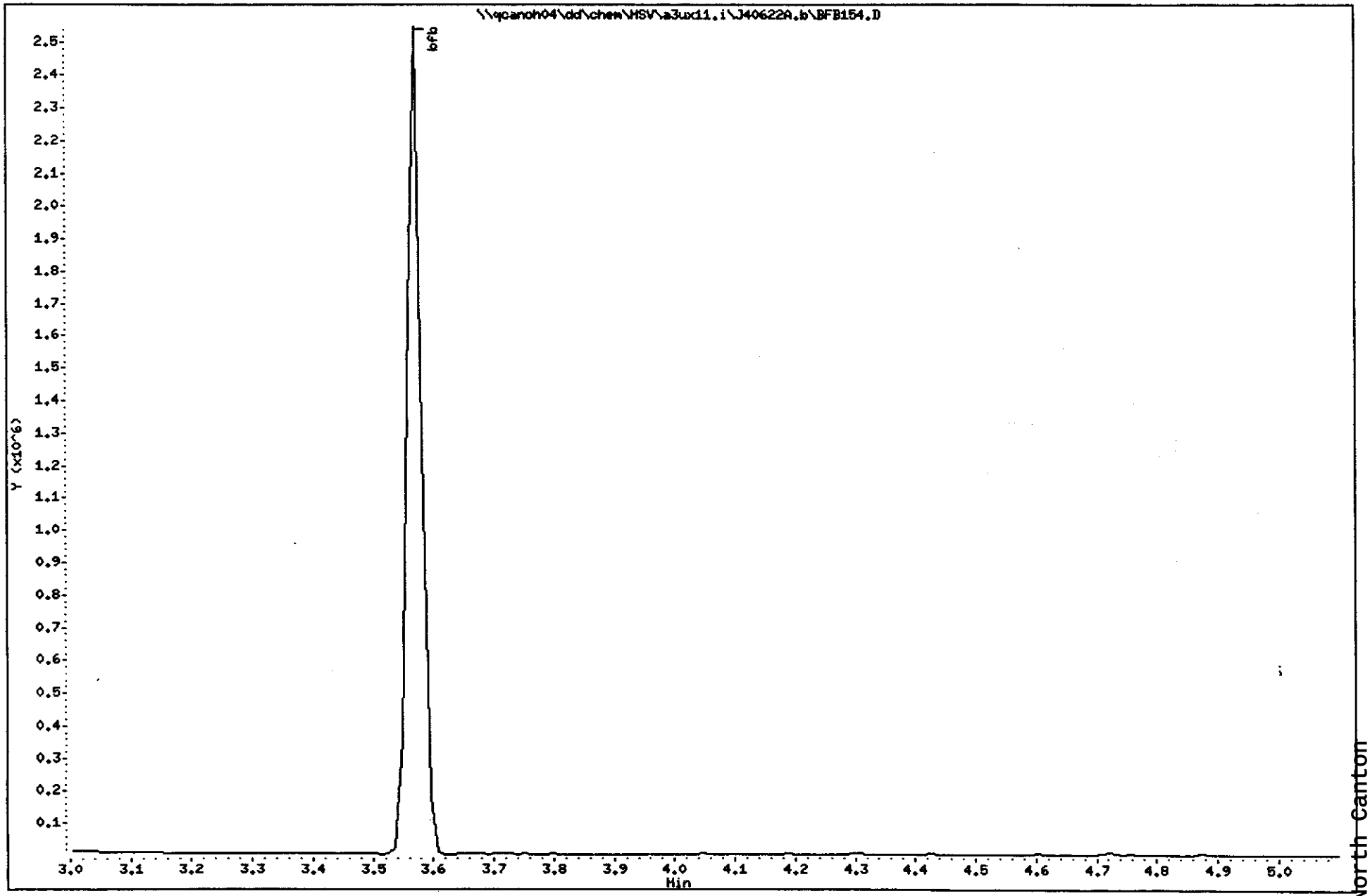
Column phase: DB624 20M

Column diameter: 0.18

Data File: BFB154.D
Spectrum: Avg. Scans 75-77 (3.57), Background Scan 71
Location of Maximum: 95.00
Number of points: 76

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3246	63.00	10933	88.00	14940	140.00	177
37.00	16310	64.00	1270	91.00	1048	141.00	3622
38.00	13611	67.00	776	92.00	10536	142.00	367
39.00	5541	68.00	35032	93.00	14925	143.00	3328
40.00	527	69.00	36456	94.00	43408	146.00	252
44.00	1832	70.00	2577	95.00	403776	148.00	828
45.00	3160	72.00	2092	96.00	25304	149.00	175
47.00	3581	73.00	16416	97.00	608	155.00	856
48.00	2090	74.00	58736	104.00	1462	157.00	567
49.00	14402	75.00	189824	106.00	1580	159.00	196
50.00	64224	76.00	16768	116.00	1206	173.00	1819
51.00	19408	77.00	2598	117.00	1641	174.00	324416
52.00	854	78.00	1664	118.00	1244	175.00	22312
55.00	910	79.00	6848	119.00	1538	176.00	313600
56.00	4579	80.00	2099	128.00	1007	177.00	20240
57.00	8950	81.00	7046	129.00	614	178.00	436
58.00	230	82.00	1473	130.00	1270		
60.00	3242	83.00	184	131.00	227		
61.00	16720	86.00	168	135.00	510		
62.00	16372	87.00	16033	137.00	449		

Data File: \\qcanoh04\dd\chem\HSV\a3uxi1.i\J40622A.b\BFB154.D
Date : 22-JUN-2004 08:15
Client ID: 50NG BFB
Instrument: a3uxi1.i
Sample Info:
Volume Injected (uL): 1.0
Operator: 43582
Column phase: DB624 20M
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\BFB677.D

Date : 27-MAY-2004 21:07

Client ID: 50NG BFB

Instrument: a3ux12.i

Sample Info: 50NG BFB

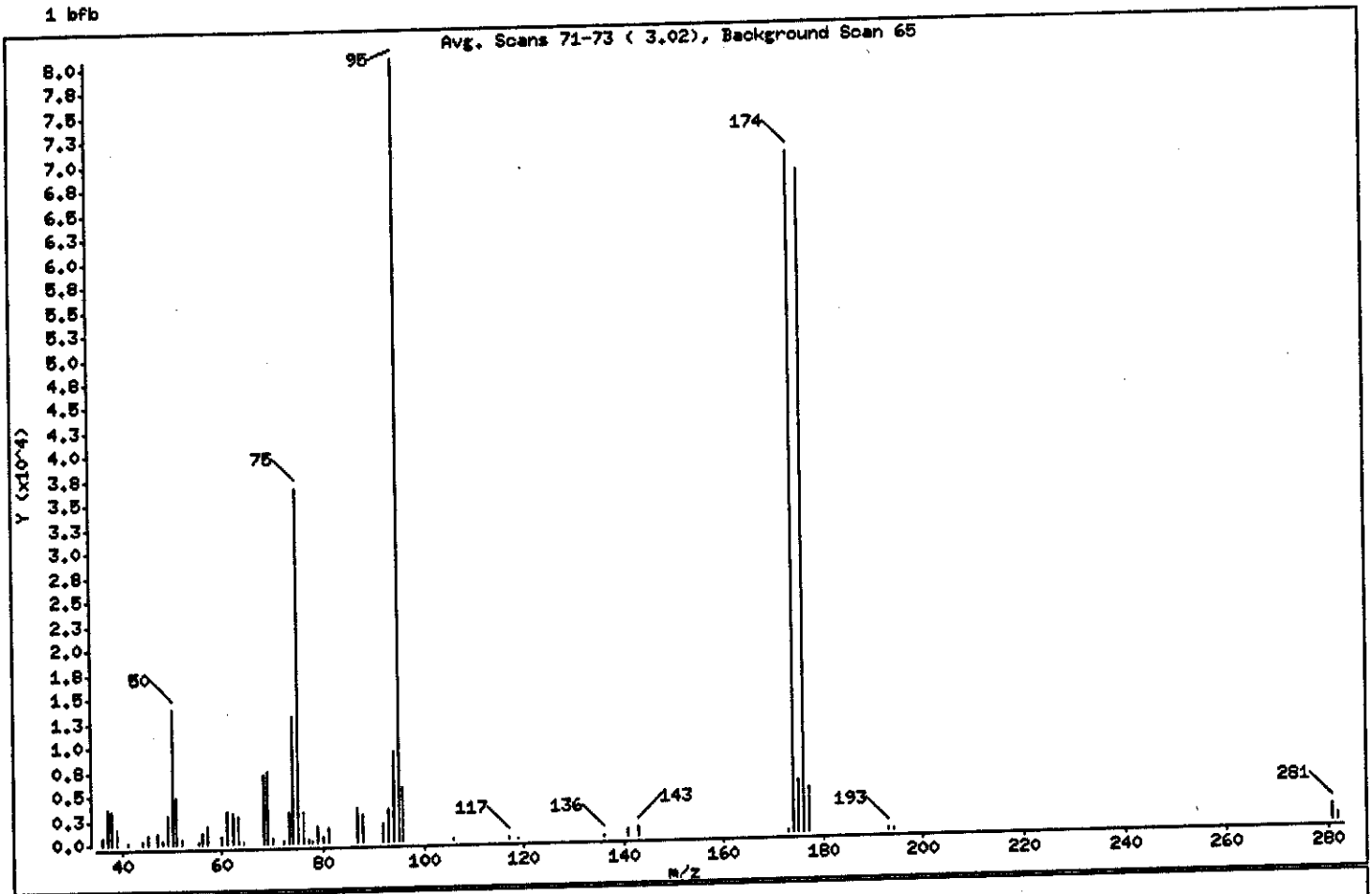
Volume Injected (uL): 1.0

Operator: 1903

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.16
75	30.00 - 60.00% of mass 95	45.34
96	5.00 - 9.00% of mass 95	6.99
173	Less than 2.00% of mass 174	0.26 (0.30)
174	50.00 - 100.00% of mass 95	87.15
175	5.00 - 9.00% of mass 174	6.66 (7.64)
176	95.00 - 101.00% of mass 174	84.88 (97.40)
177	5.00 - 9.00% of mass 176	5.65 (6.66)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40527-IC.b\BFB677.D

Date : 27-MAY-2004 21:07

Client ID: 50NG BFB

Instrument: a3ux12.i

Sample Info: 50NG BFB

Volume Injected (uL): 1.0

Operator: 1903

Column phase: DB624 20M

Column diameter: 0.18

Data File: BFB677.D

Spectrum: Avg. Scans 71-73 (3.02), Background Scan 65

Location of Maximum: 95.00

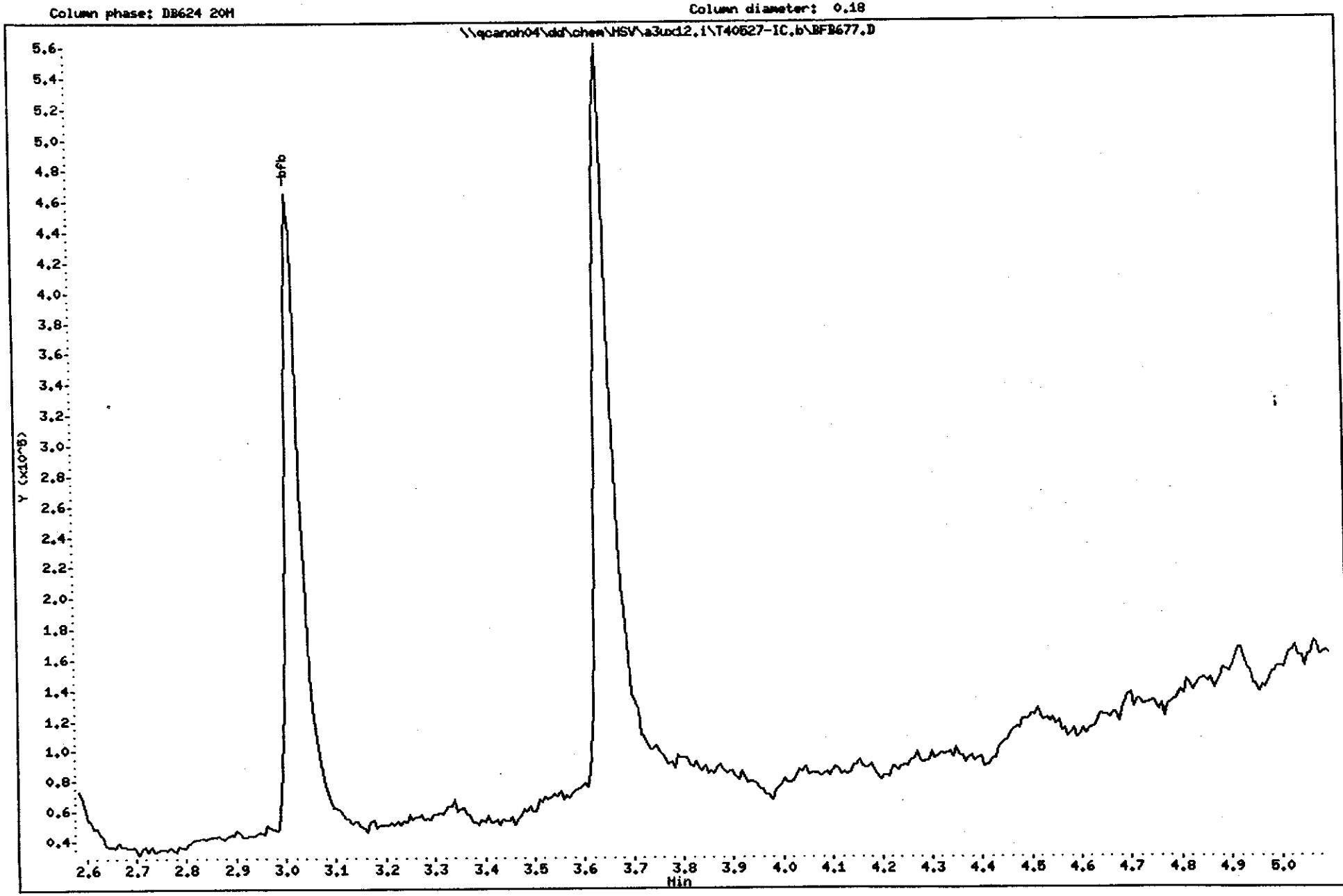
Number of points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	671	57.00	1795	78.00	237	141.00	663
37.00	3647	60.00	656	79.00	1660	143.00	900
38.00	3448	61.00	3250	80.00	612	173.00	209
39.00	1758	62.00	3075	81.00	1575	174.00	70336
41.00	167	63.00	2788	87.00	3434	175.00	5372
44.00	454	64.00	186	88.00	2836	176.00	68504
45.00	854	68.00	7078	92.00	1819	177.00	4561
47.00	1184	69.00	7492	93.00	3332	193.00	184
48.00	374	70.00	632	94.00	9204	194.00	124
49.00	2963	72.00	214	95.00	80712	281.00	1668
50.00	13855	73.00	3207	96.00	5641	282.00	758
51.00	4912	74.00	12968	106.00	173		
52.00	512	75.00	36592	117.00	199		
55.00	193	76.00	3113	119.00	80		
56.00	1033	77.00	425	136.00	168		

Data File: \\qcanoh04\dd\chem\HSV\a3ucd2.i\T40527-IC.b\BFB677.D
Date : 27-MAY-2004 21:07
Client ID: 50NG BFB
Sample Info: 50NG BFB
Volume Injected (uL): 1.0
Column phase: DB624 20M

Instrument: a3ucd2.i

Operator: 1903
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\BFB683.D

Date : 02-JUN-2004 16:31

Client ID: 50NG BFB

Instrument: a3ux12.i

Sample Info: 50NG BFB

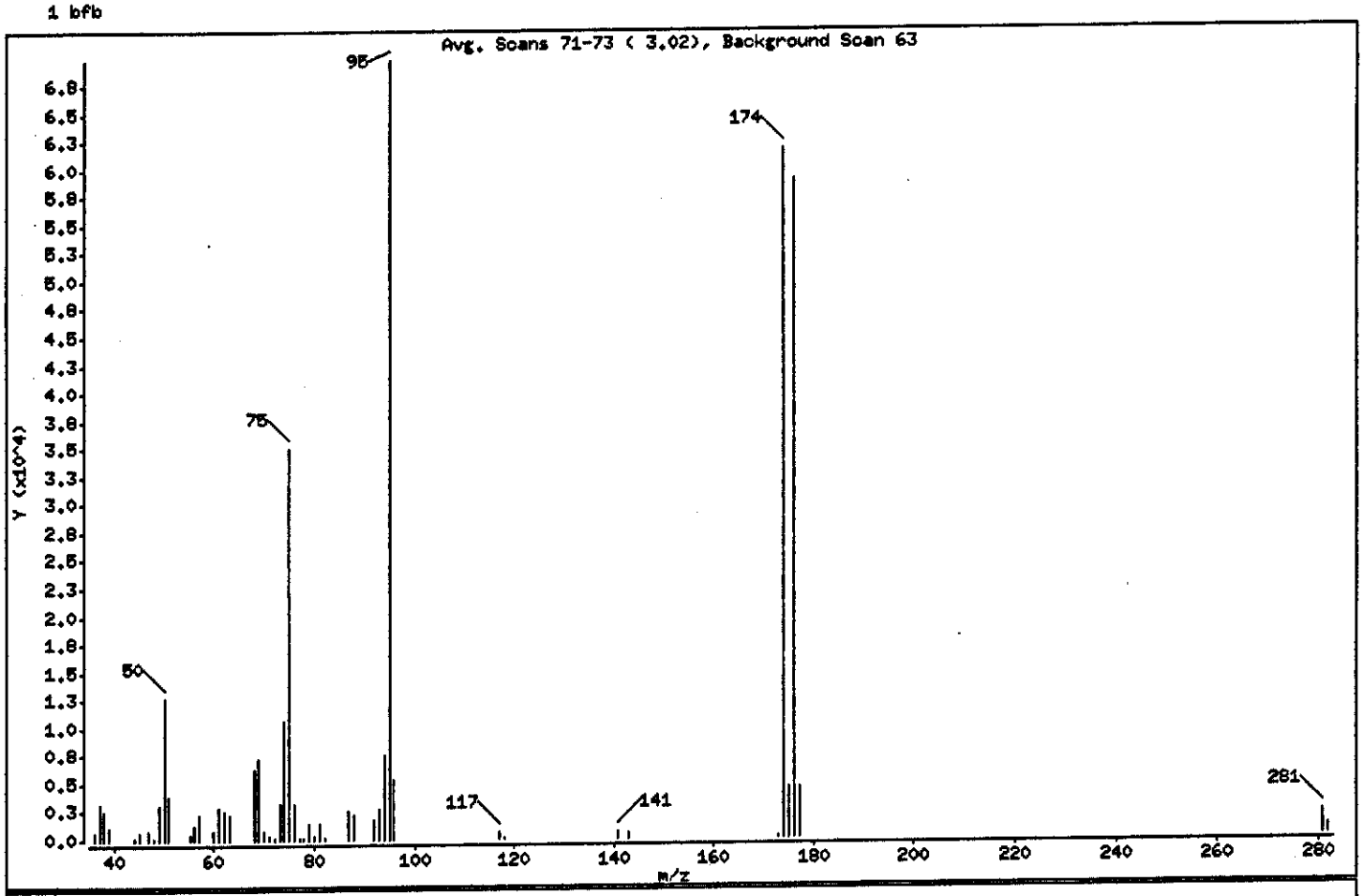
Volume Injected (uL): 1.0

Operator: 1903

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.23
75	30.00 - 60.00% of mass 95	50.25
96	5.00 - 9.00% of mass 95	7.58
173	Less than 2.00% of mass 174	0.32 (0.37)
174	50.00 - 100.00% of mass 95	88.37
175	5.00 - 9.00% of mass 174	6.45 (7.29)
176	95.00 - 101.00% of mass 174	84.60 (95.74)
177	5.00 - 9.00% of mass 176	6.44 (7.61)

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40602B.b\BFB683.D

Date : 02-JUN-2004 16:31

Client ID: 50NG BFB

Instrument: a3ux12.i

Sample Info: 50NG BFB

Volume Injected (uL): 1.0

Operator: 1903

Column phase: DB624 20M

Column diameter: 0.18

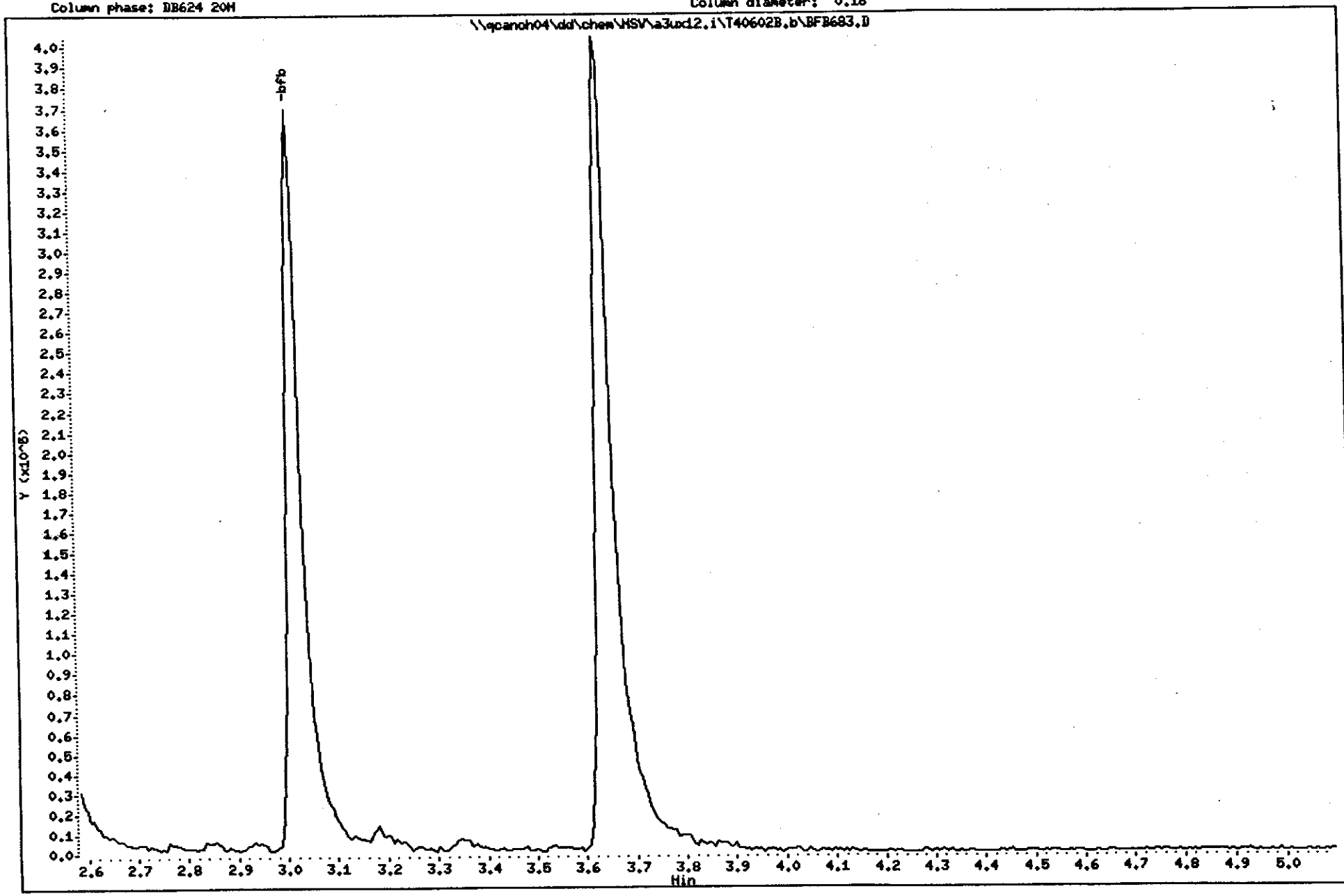
Data File: BFB683.D
Spectrum: Avg. Scans 71-73 (3.02), Background Scan 63
Location of Maximum: 95.00
Number of points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	645	57.00	2193	76.00	3240	96.00	5286
37.00	3283	60.00	745	77.00	170	117.00	690
38.00	2603	61.00	2845	78.00	180	118.00	183
39.00	1115	62.00	2598	79.00	1394	141.00	722
44.00	112	63.00	2177	80.00	397	143.00	551
45.00	674	68.00	6214	81.00	1502	173.00	226
47.00	853	69.00	7298	82.00	182	174.00	61632
48.00	188	70.00	811	87.00	2598	175.00	4496
49.00	3079	71.00	264	88.00	2315	176.00	59000
50.00	12713	72.00	183	92.00	1753	177.00	4491
51.00	3900	73.00	3141	93.00	2685	281.00	2137
55.00	447	74.00	10667	94.00	7514	282.00	785
56.00	1359	75.00	35048	95.00	69744		

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40602B.b\BFB683.D
Date : 02-JUN-2004 16:31
Client ID: 50NG BFB
Sample Info: 50NG BFB
Volume Injected (uL): 1.0
Column phase: DB624 20M

Instrument: a3ux12.i

Operator: 1903
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\BFB710.D

Date : 01-JUL-2004 15:30

Client ID: 50NG BFB

Instrument: a3ux12.i

Sample Info: 50NG BFB

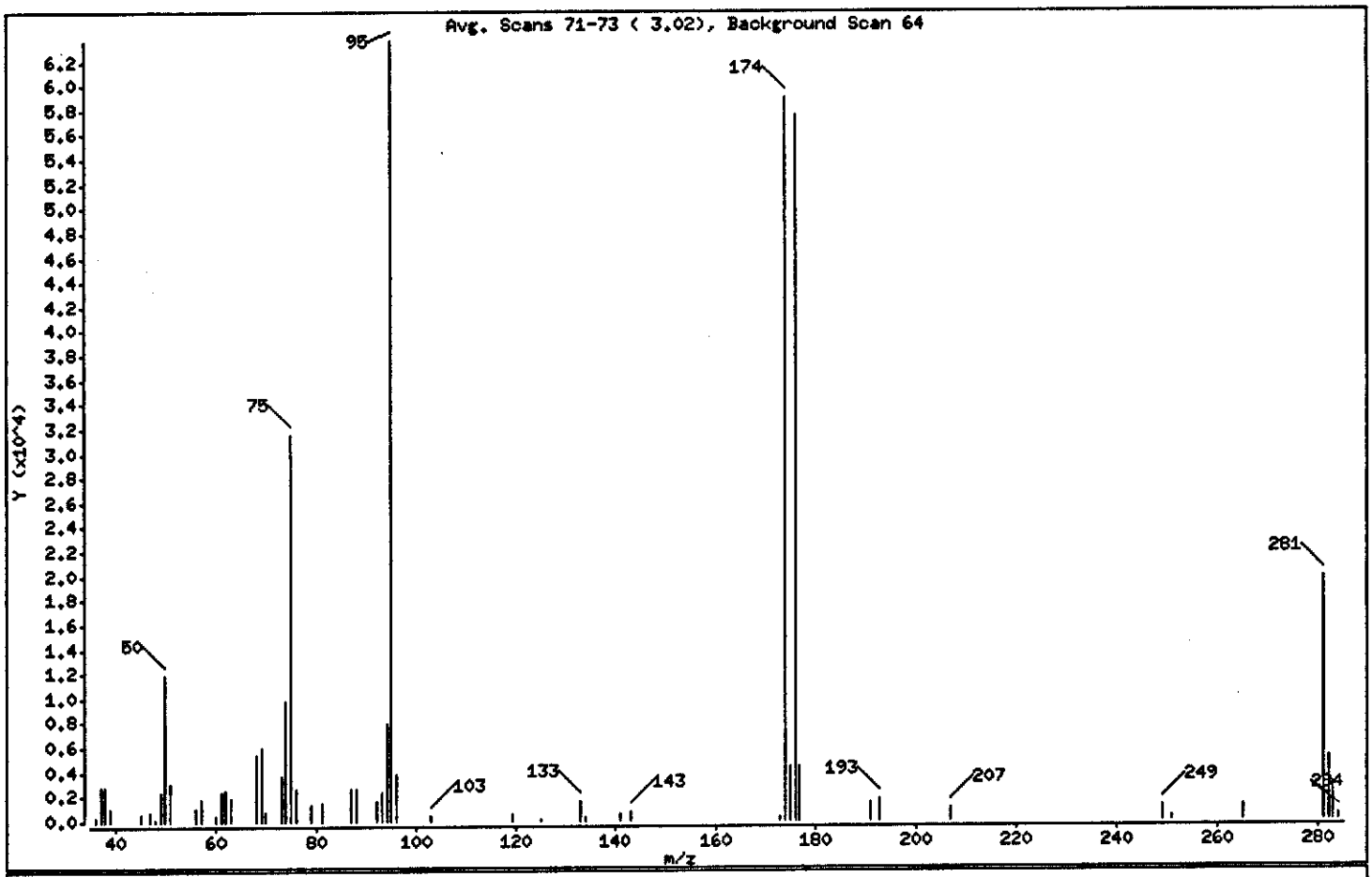
Volume Injected (uL): 1.0

Operator: 1903

Column phase: DB624 20M

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.58
75	30.00 - 60.00% of mass 95	49.46
96	5.00 - 9.00% of mass 95	6.07
173	Less than 2.00% of mass 174	0.49 (0.53)
174	50.00 - 100.00% of mass 95	92.68
175	5.00 - 9.00% of mass 174	7.02 (7.57)
176	95.00 - 101.00% of mass 174	90.38 (97.52)
177	5.00 - 9.00% of mass 176	6.89 (7.62)

Date : 01-JUL-2004 15:30

Client ID: 50NG BFB Instrument: a3ux12.i

Sample Info: 50NG BFB

Volume Injected (uL): 1.0 Operator: 1903

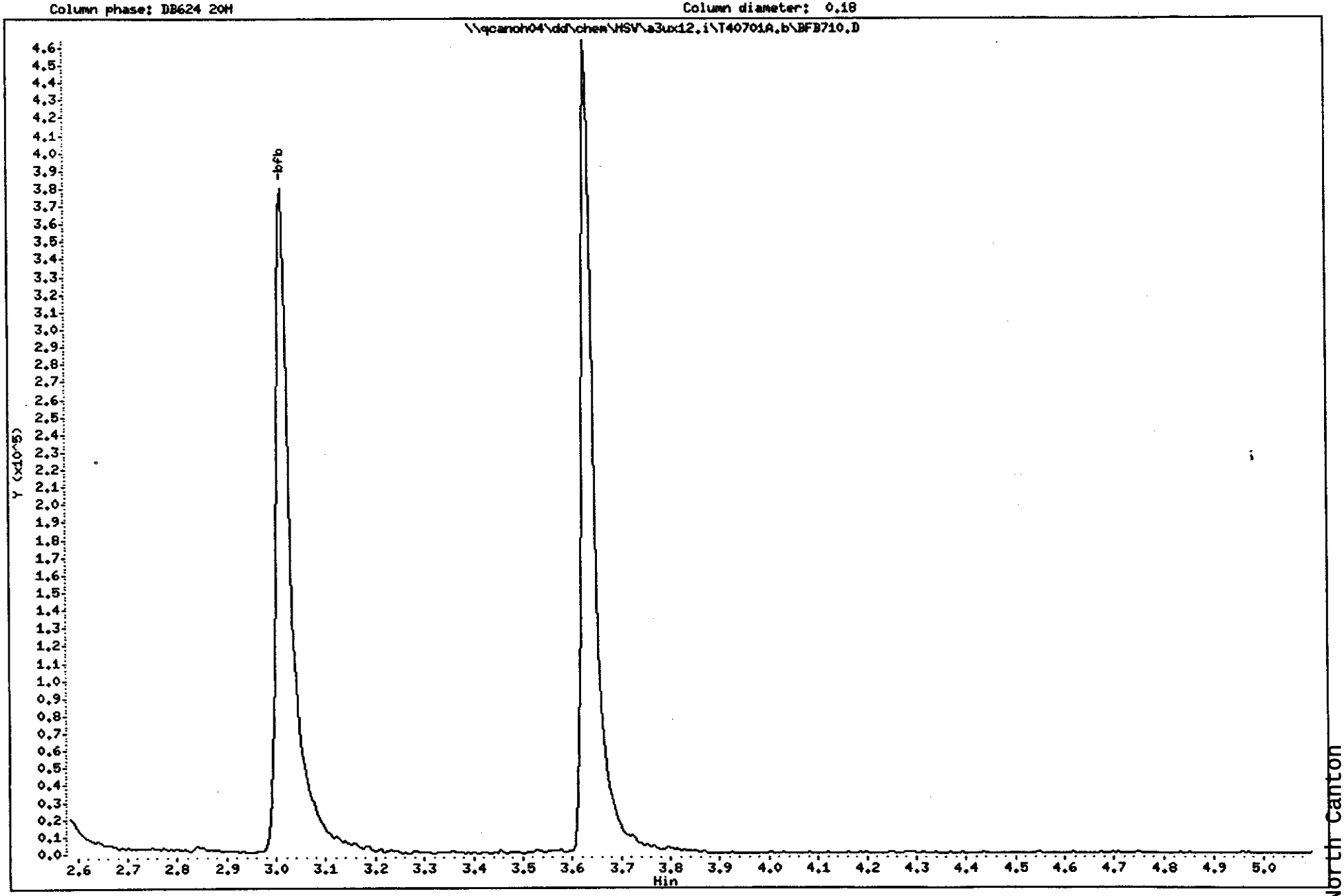
Column phase: DB624 20M Column diameter: 0.18

Data File: BFB710.D
Spectrum: Avg. Scans 71-73 (3.02), Background Scan 64
Location of Maximum: 95.00
Number of points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	224	62.00	2562	93.00	2363	176.00	57576
37.00	2769	63.00	1956	94.00	7975	177.00	4389
38.00	2788	68.00	5496	95.00	63704	191.00	1455
39.00	1009	69.00	6025	96.00	3864	193.00	1703
45.00	649	70.00	762	103.00	367	207.00	982
47.00	687	73.00	3718	119.00	589	249.00	1207
48.00	187	74.00	9891	125.00	193	251.00	349
49.00	2300	75.00	31512	133.00	1631	265.00	1207
50.00	11835	76.00	2604	134.00	224	281.00	19848
51.00	3122	79.00	1378	141.00	650	282.00	5174
56.00	1036	81.00	1428	143.00	739	283.00	2978
57.00	1789	87.00	2572	173.00	313	284.00	430
60.00	367	88.00	2608	174.00	59048		
61.00	2393	92.00	1554	175.00	4470		

Data File: \\qcanoh04\dd\chem\HSV\a3ux12.i\T40701A.b\BFB710.D
Date : 01-JUL-2004 15:30
Client ID: 50NG BFB
Sample Info: 50NG BFB
Volume Injected (uL): 1.0
Column phase: DB624 20M

Instrument: a3ux12.i
Operator: 1903
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40528B-IC.b\BFB14220.D

Date : 28-MAY-2004 14:38

Client ID: 50NGBFB

Instrument: a3ux14.i

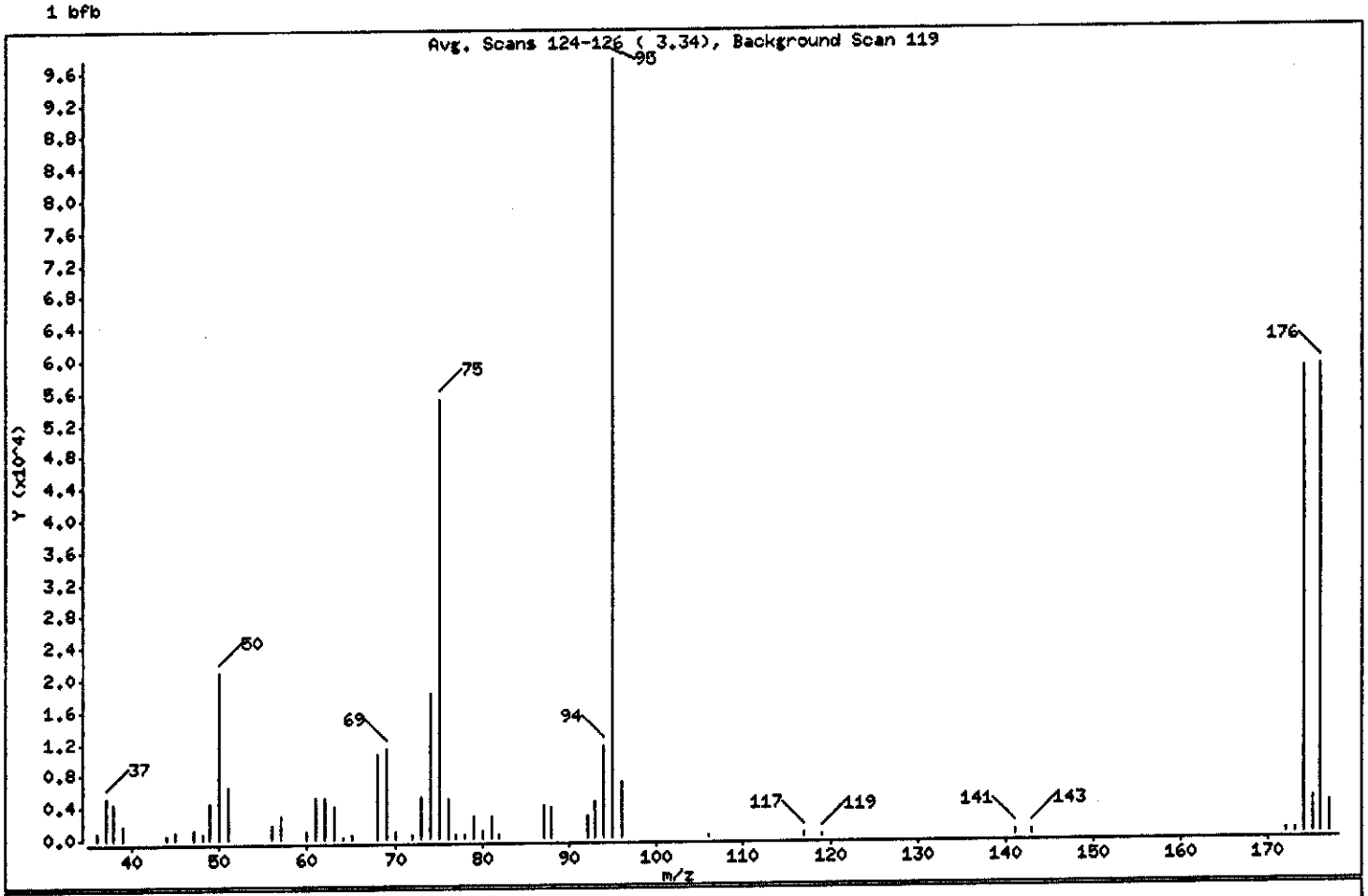
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.51
75	30.00 - 60.00% of mass 95	56.56
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.35 (0.58)
174	50.00 - 120.00% of mass 95	59.85
175	5.00 - 9.00% of mass 174	4.68 (7.82)
176	95.00 - 101.00% of mass 174	60.06 (100.35)
177	5.00 - 9.00% of mass 176	3.88 (6.47)

Date : 28-MAY-2004 14:38

Client ID: 50NGBFB Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m Column diameter: 0.18

Data File: BFB14220.D
Spectrum: Avg. Scans 124-126 (3.34), Background Scan 119
Location of Maximum: 95.00
Number of points: 51

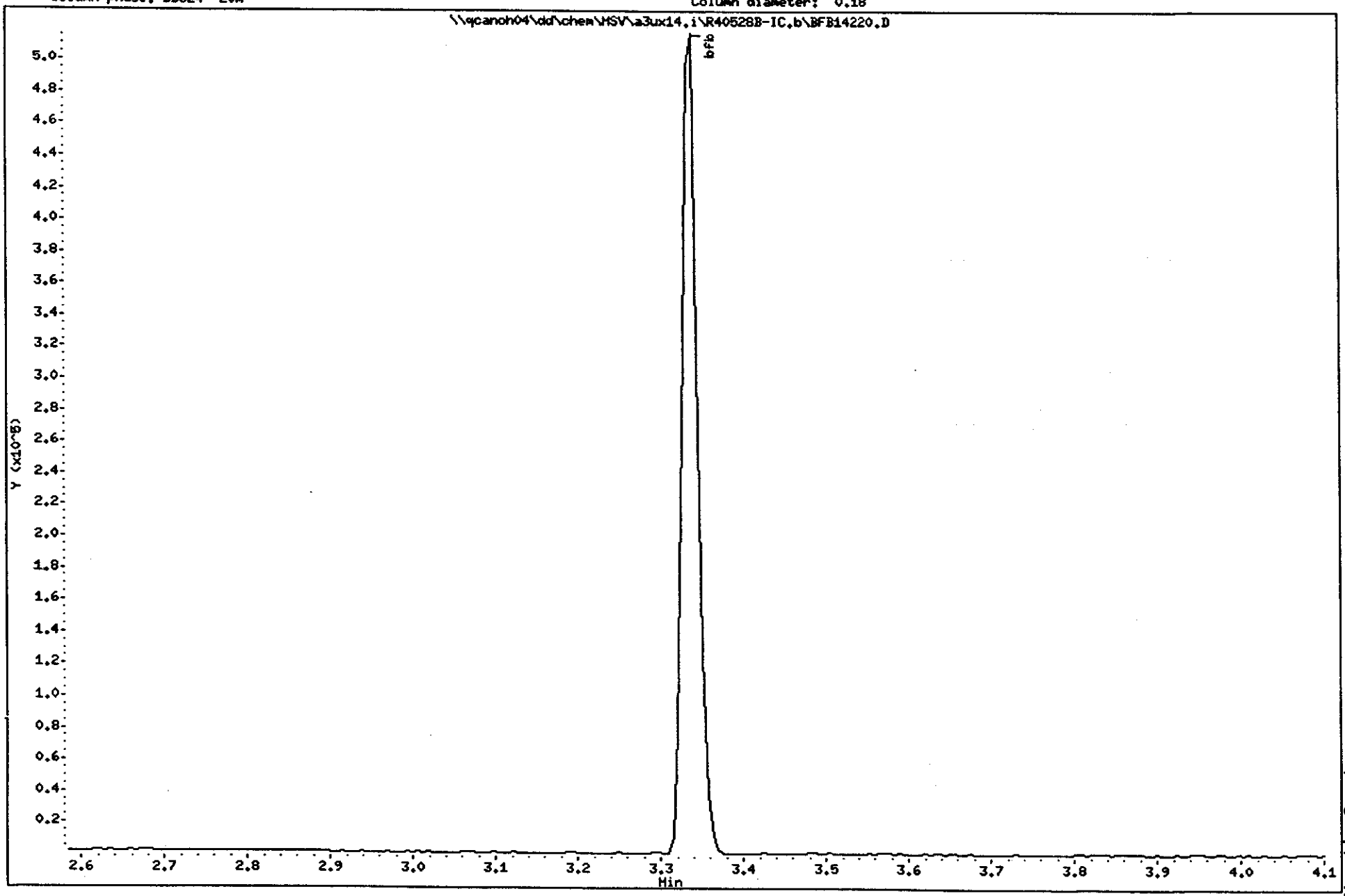
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	972	60.00	951	76.00	4858	96.00	6954
37.00	5099	61.00	5063	77.00	442	106.00	174
38.00	4452	62.00	5118	78.00	374	117.00	502
39.00	1772	63.00	3976	79.00	2781	119.00	190
44.00	495	64.00	168	80.00	822	141.00	625
45.00	849	65.00	374	81.00	2617	143.00	768
47.00	1176	68.00	10646	82.00	546	172.00	537
48.00	580	69.00	11237	87.00	3937	173.00	340
49.00	4533	70.00	796	88.00	3893	174.00	58376
50.00	20984	72.00	426	92.00	2778	175.00	4563
51.00	6517	73.00	5175	93.00	4519	176.00	58576
56.00	1757	74.00	18240	94.00	11487	177.00	3789
57.00	2861	75.00	55168	95.00	97536		

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40528B-IC.b\BFB14220.D
Date : 28-MAY-2004 14:38
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\BFB14227.D

Date : 02-JUN-2004 09:06

Client ID: 50NGBFB

Instrument: a3ux14.i

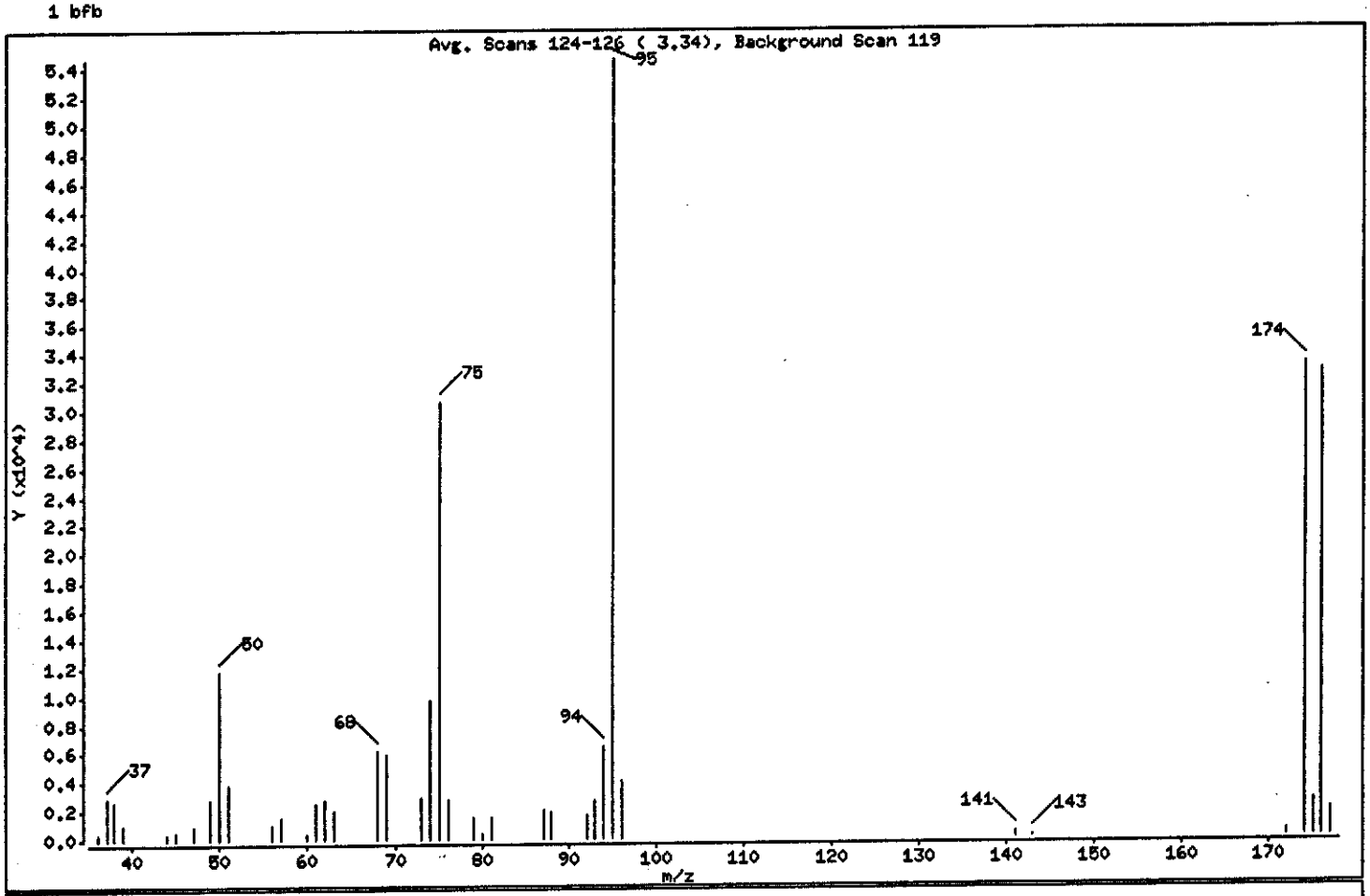
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.54
75	30.00 - 60.00% of mass 95	56.02
96	5.00 - 9.00% of mass 95	7.26
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	60.49
175	5.00 - 9.00% of mass 174	4.69 (7.76)
176	95.00 - 101.00% of mass 174	59.60 (98.53)
177	5.00 - 9.00% of mass 176	3.38 (5.67)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40602A.b\BFB14227.D

Date : 02-JUN-2004 09:06

Client ID: 50NGBFB

Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB14227.D

Spectrum: Avg. Scans 124-126 (3.34), Background Scan 119

Location of Maximum: 95.00

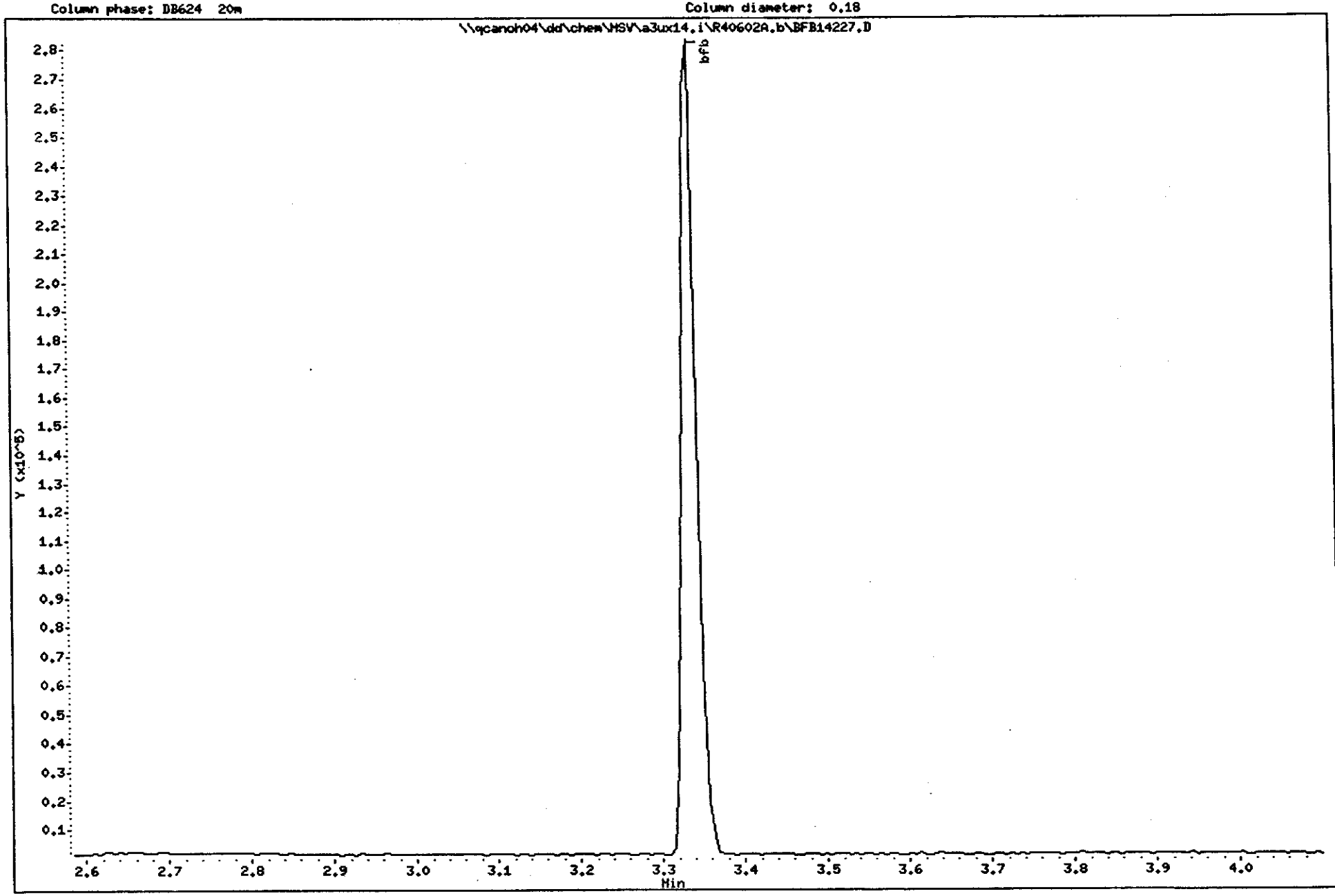
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	393	56.00	949	75.00	30632	95.00	54680
37.00	2906	57.00	1562	76.00	2777	96.00	3969
38.00	2678	60.00	419	79.00	1493	141.00	411
39.00	1067	61.00	2580	80.00	401	143.00	176
44.00	404	62.00	2731	81.00	1450	172.00	348
45.00	465	63.00	2065	87.00	2005	174.00	33080
47.00	853	68.00	6192	88.00	1905	175.00	2566
49.00	2803	69.00	5864	92.00	1659	176.00	32592
50.00	11779	73.00	2869	93.00	2585	177.00	1849
51.00	3806	74.00	9649	94.00	6422		

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40602A.b\BFB14227.D
Date : 02-JUN-2004 09:06
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\BFB14239.D

Date : 19-JUN-2004 12:19

Client ID: 50NGBFB

Instrument: a3ux14.i

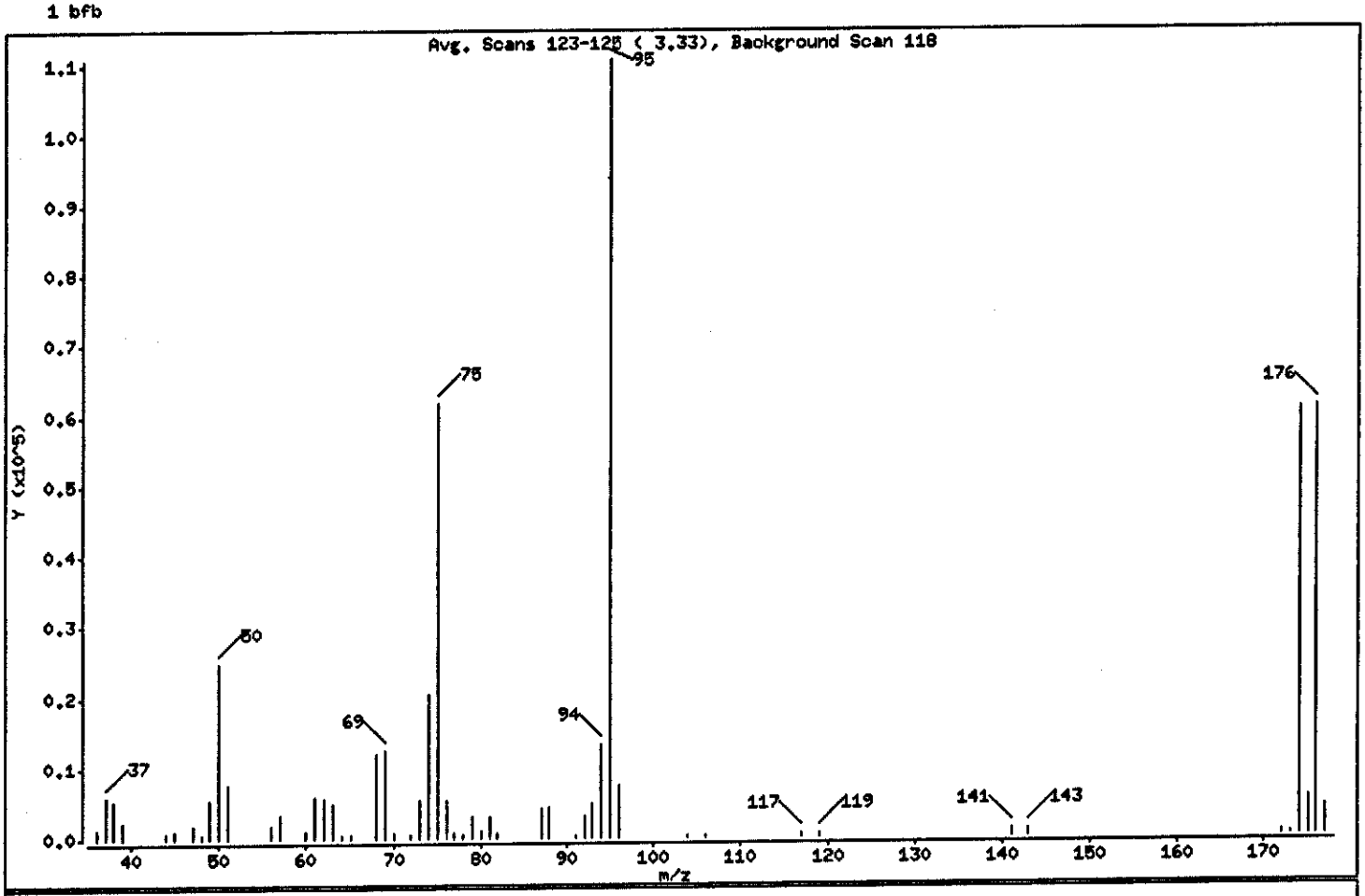
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	22.28
75	30.00 - 60.00% of mass 95	55.80
96	5.00 - 9.00% of mass 95	6.74
173	Less than 2.00% of mass 174	0.31 (0.57)
174	50.00 - 120.00% of mass 95	54.81
175	5.00 - 9.00% of mass 174	4.76 (8.69)
176	95.00 - 101.00% of mass 174	54.99 (100.34)
177	5.00 - 9.00% of mass 176	3.77 (6.85)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\BFB14239.D

Date : 19-JUN-2004 12:19

Client ID: 50NGBFB

Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB14239.D
Spectrum: Avg. Scans 123-125 (3.33), Background Scan 118
Location of Maximum: 95.00
Number of points: 53

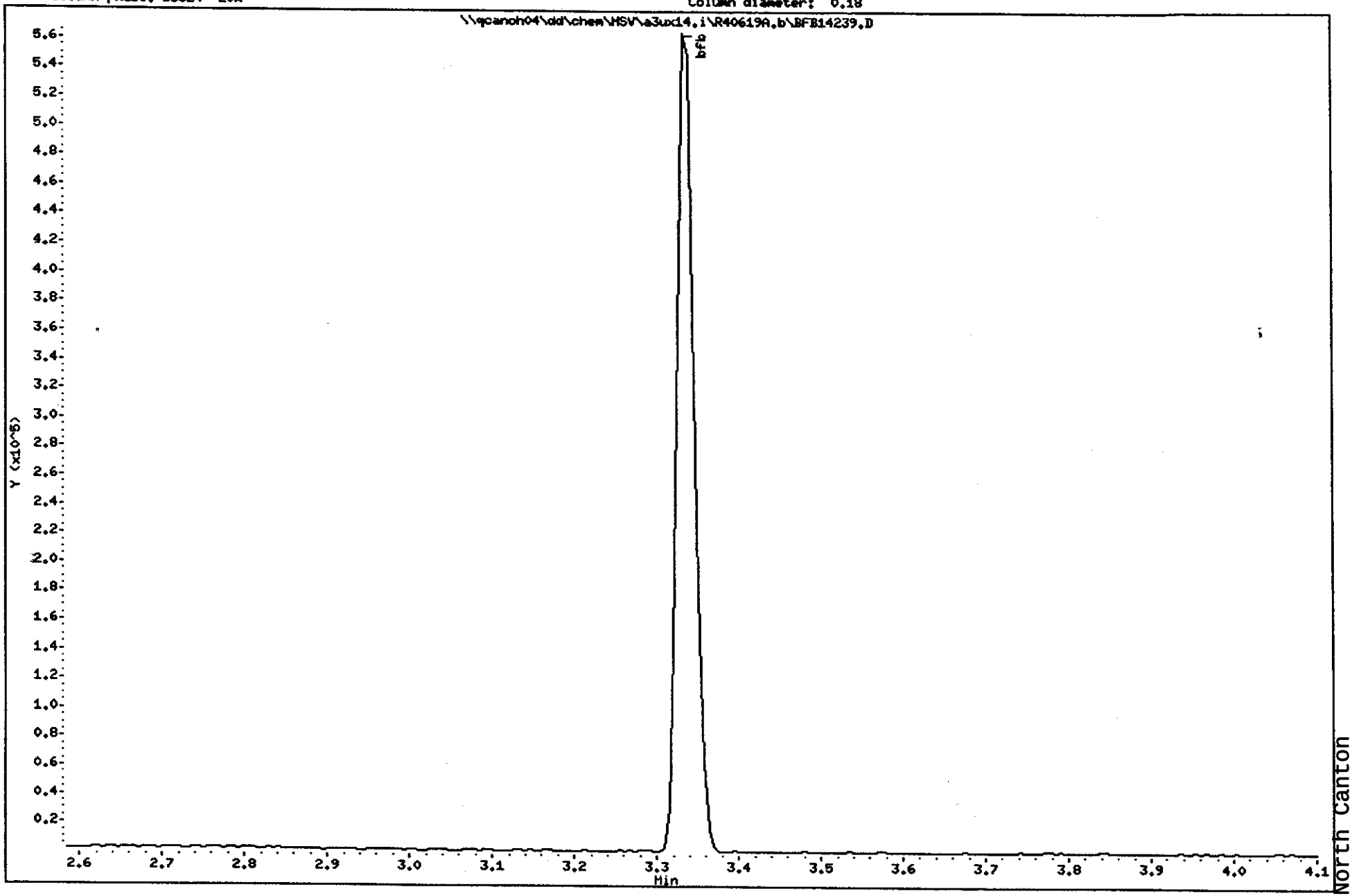
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1230	61.00	5869	78.00	452	106.00	382
37.00	5903	62.00	5548	79.00	2946	117.00	452
38.00	5463	63.00	4770	80.00	978	119.00	620
39.00	2288	64.00	627	81.00	2941	141.00	934
44.00	721	65.00	430	82.00	733	143.00	1050
45.00	1124	68.00	11958	87.00	4133	172.00	617
47.00	1786	69.00	12403	88.00	4297	173.00	346
48.00	505	70.00	887	91.00	178	174.00	60656
49.00	5277	72.00	479	92.00	2993	175.00	5273
50.00	24656	73.00	5308	93.00	4841	176.00	60856
51.00	7631	74.00	20512	94.00	13246	177.00	4172
56.00	1890	75.00	61752	95.00	110664		
57.00	3260	76.00	5466	96.00	7454		
60.00	1122	77.00	701	104.00	190		

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\BFB14239.D
Date : 19-JUN-2004 12:19
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\BFB14244.D

Date : 22-JUN-2004 08:10

Client ID: 50NGBFB

Instrument: a3ux14.i

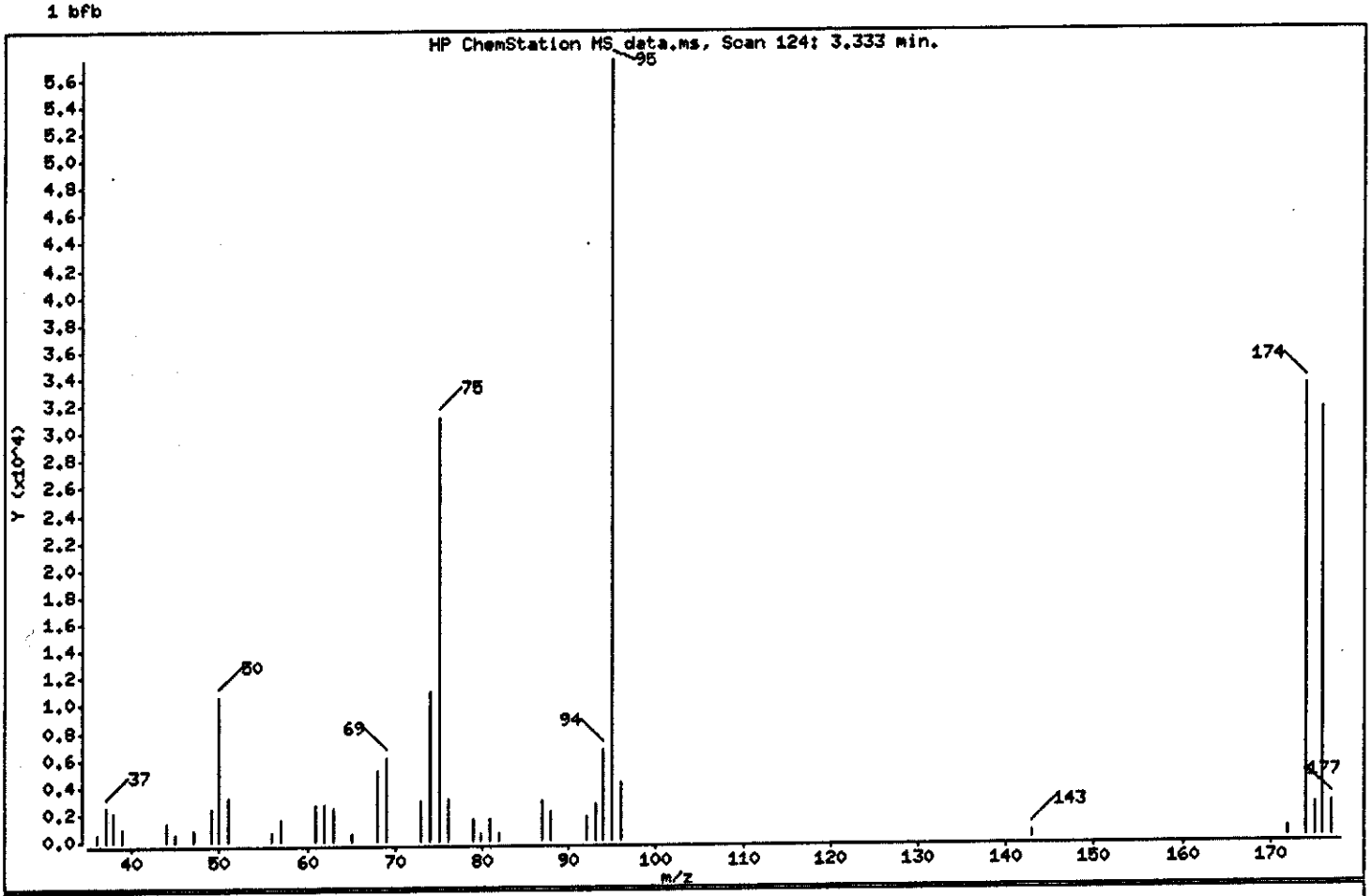
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.50
75	30.00 - 60.00% of mass 95	54.11
96	5.00 - 9.00% of mass 95	7.27
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	57.82
175	5.00 - 9.00% of mass 174	4.12 (7.12)
176	95.00 - 101.00% of mass 174	54.93 (95.01)
177	5.00 - 9.00% of mass 176	4.29 (7.81)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\BFB14244.D

Date : 22-JUN-2004 08:10

Client ID: 50NGBFB

Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB14244.D
Spectrum: HP ChemStation MS data.ms, Scan 124: 3.333 min.
Location of Maximum: 95.00
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	526	56.00	710	75.00	31072	94.00	6663
37.00	2565	57.00	1578	76.00	2989	95.00	57424
38.00	2053	61.00	2661	78.90	1631	96.00	4177
39.00	983	62.00	2656	79.90	561	142.90	522
44.00	1344	63.00	2334	80.90	1538	171.90	641
45.00	593	65.10	518	81.90	510	173.90	33200
47.00	833	68.00	5224	86.90	2868	175.00	2363
49.00	2410	69.00	6121	87.90	2162	175.90	31544
50.00	10622	73.00	2852	92.00	1731	176.90	2465
51.00	3126	74.00	10944	93.00	2582		

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40622A.b\BFB14244.D

Date : 22-JUN-2004 08:10

Client ID: 50NGBFB

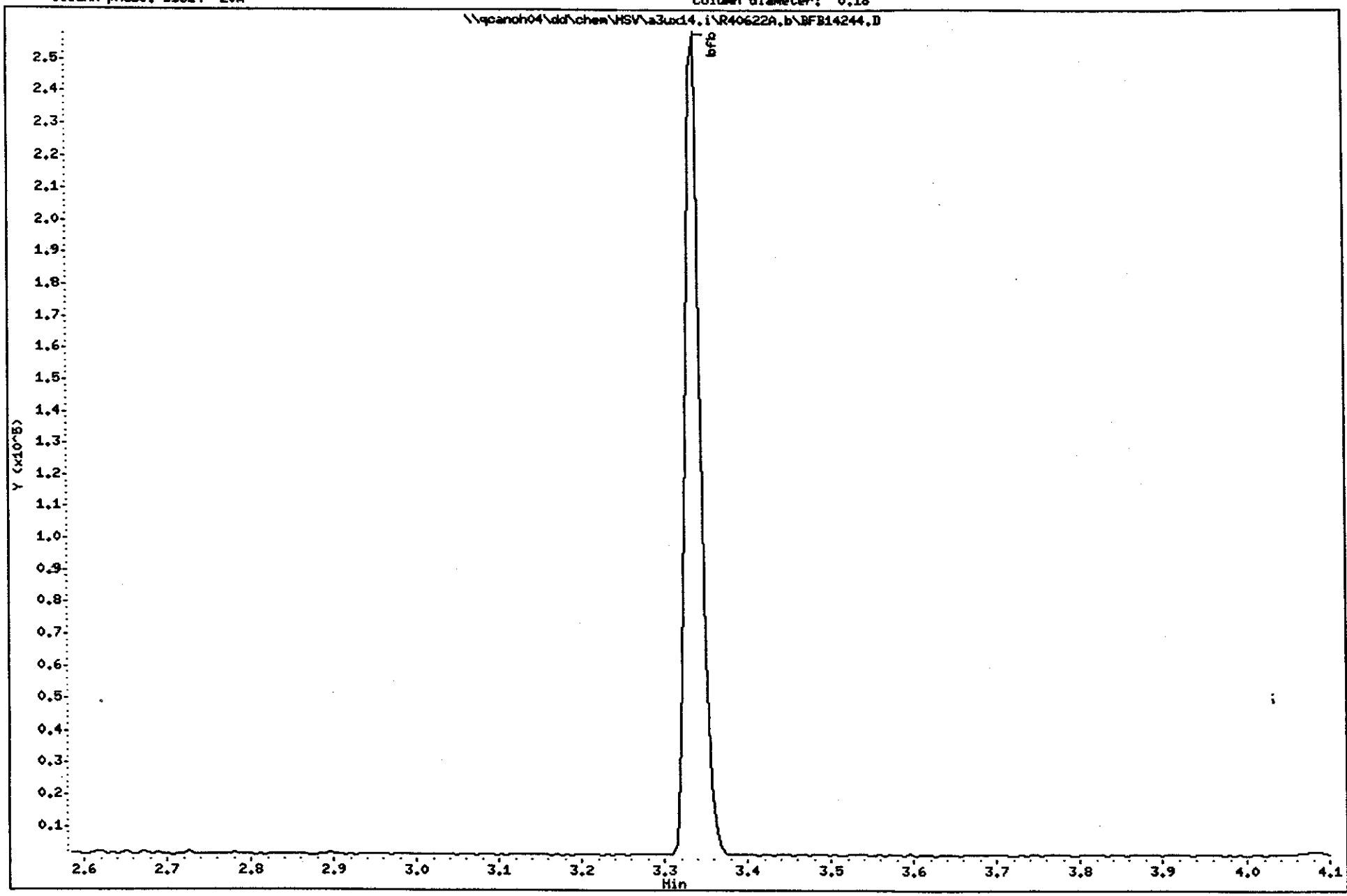
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18



Data File: \\qoanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\BFB14246.D

Date : 24-JUN-2004 10:08

Client ID: 50NGBFB

Instrument: a3ux14.i

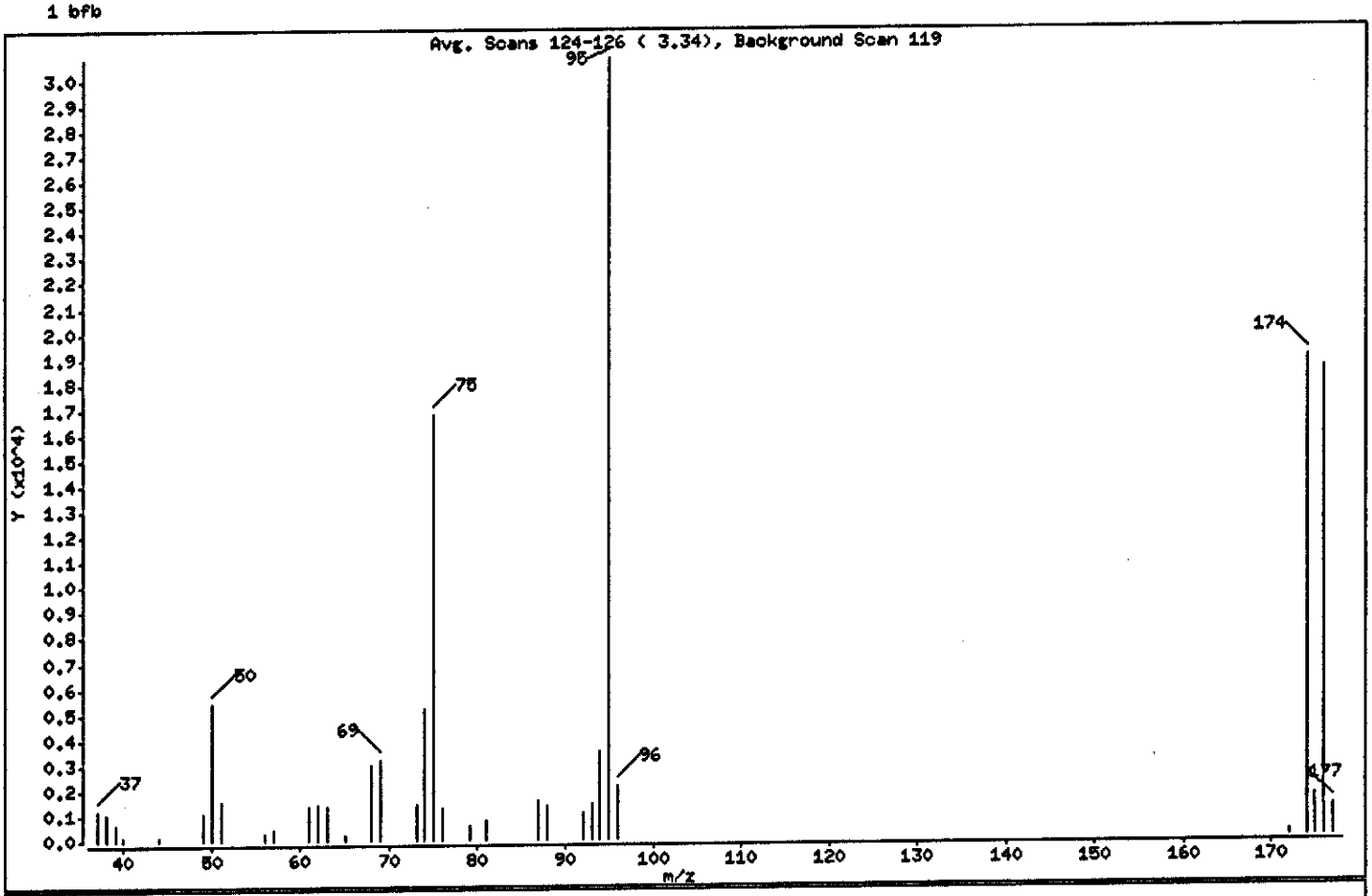
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.58
75	30.00 - 60.00% of mass 95	54.49
96	5.00 - 9.00% of mass 95	6.98
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	61.22
175	5.00 - 9.00% of mass 174	5.34 (8.73)
176	95.00 - 101.00% of mass 174	59.88 (97.81)
177	5.00 - 9.00% of mass 176	3.86 (6.44)

Date : 24-JUN-2004 10:08

Client ID: 50NGBFB Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m Column diameter: 0.18

Data File: BFB14246.D
Spectrum: Avg. Scans 124-126 (3.34), Background Scan 119
Location of Maximum: 95.00
Number of points: 34

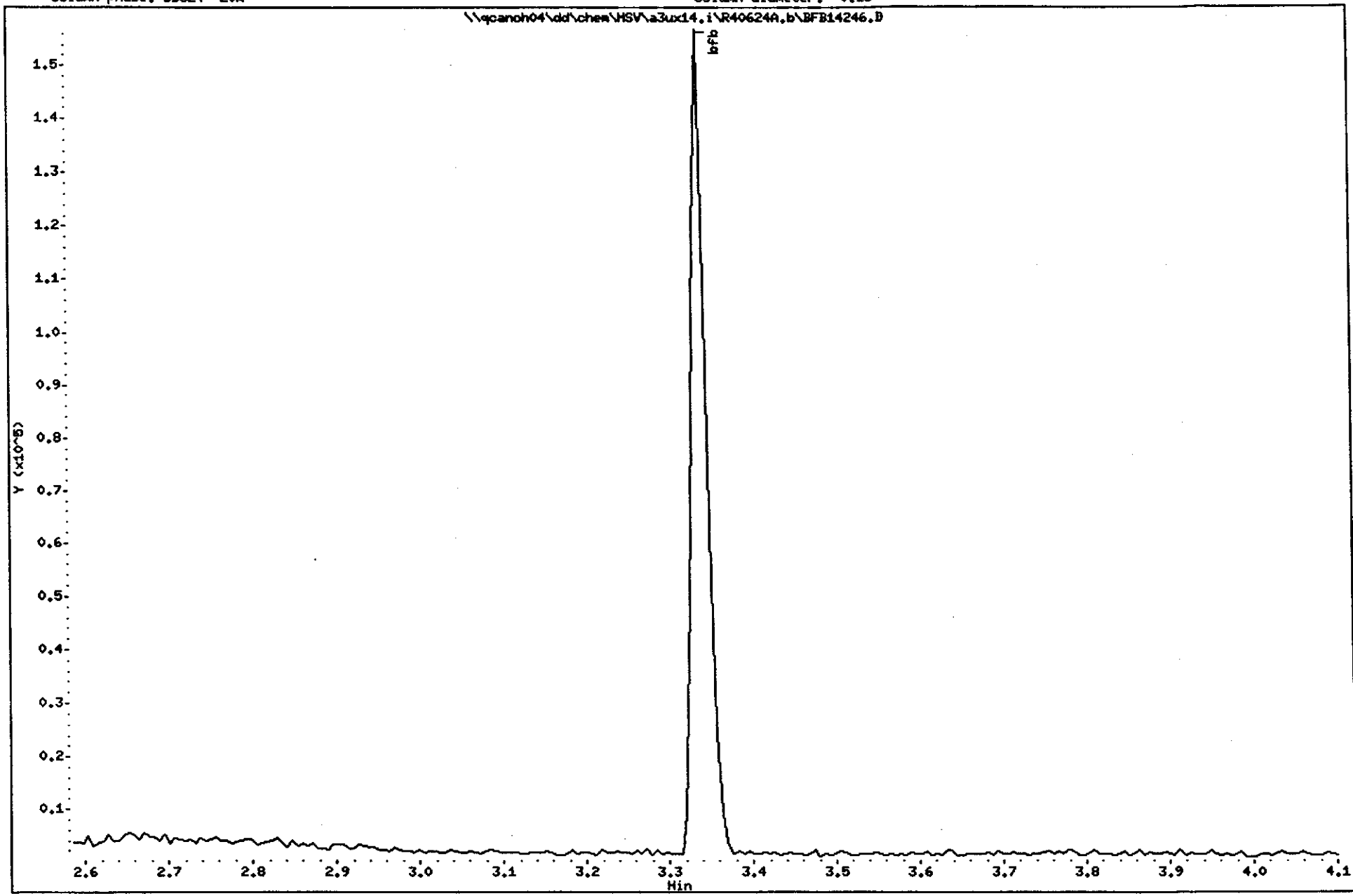
m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1241	57.00	430	75.00	16808	95.00	30848
38.00	1062	61.00	1330	76.00	1313	96.00	2153
39.00	616	62.00	1445	79.00	560	172.00	180
40.00	172	63.00	1328	81.00	752	174.00	18888
44.00	145	65.00	186	87.00	1549	175.00	1648
49.00	1050	68.00	2985	88.00	1332	176.00	18472
50.00	5425	69.00	3204	92.00	1044	177.00	1190
51.00	1540	73.00	1457	93.00	1434		
56.00	279	74.00	5158	94.00	3496		

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40624A.b\BFB14246.D
Date : 24-JUN-2004 10:08
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\BFB14248.D

Date : 25-JUN-2004 15:46

Client ID: 50NGBFB

Instrument: a3ux14.i

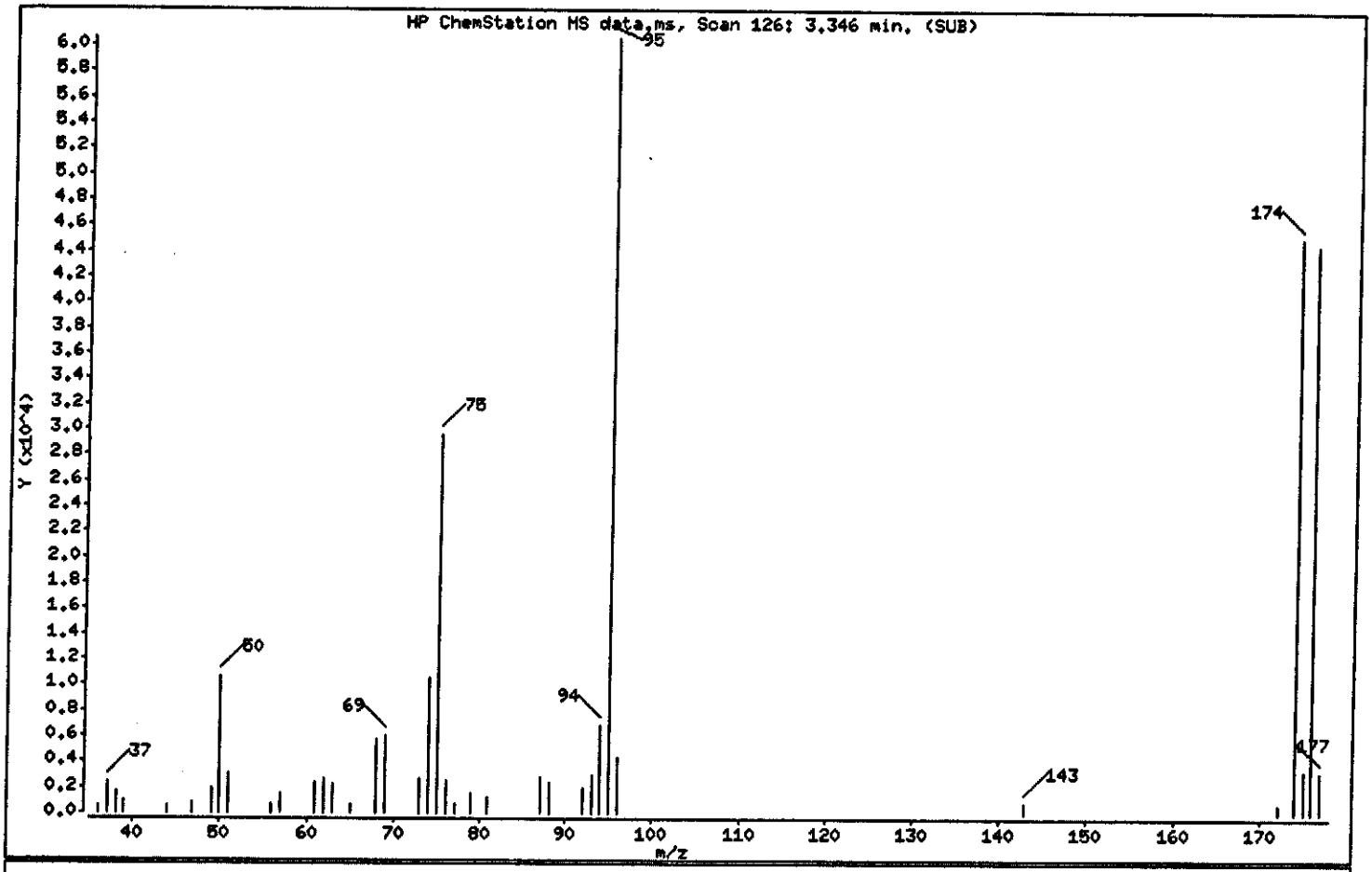
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.44
75	30.00 - 60.00% of mass 95	48.94
96	5.00 - 9.00% of mass 95	7.21
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	74.39
175	5.00 - 9.00% of mass 174	5.56 (7.48)
176	95.00 - 101.00% of mass 174	73.55 (98.86)
177	5.00 - 9.00% of mass 176	5.32 (7.23)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\BFB14248.D

Date : 25-JUN-2004 15:46

Client ID: 50NGBFB

Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB14248.D
Spectrum: HP ChemStation MS data.ms, Scan 126: 3.346 min. (SUB)
Location of Maximum: 95.00
Number of points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	511	57.00	1529	76.00	2523	96.00	4367
37.10	2423	61.00	2331	77.00	644	142.90	791
38.10	1727	62.00	2654	78.90	1526	172.00	691
39.00	971	63.00	2189	80.90	1270	173.90	45040
44.00	548	65.00	755	87.00	2784	175.00	3367
46.90	863	68.00	5725	88.00	2354	175.90	44528
49.00	1939	69.00	6056	92.00	1907	176.90	3220
50.00	10557	73.00	2613	93.00	2959		
51.00	3090	74.00	10453	94.00	6895		
55.90	681	75.00	29632	95.00	60544		

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40625A.b\BFB14248.D

Date : 25-JUN-2004 15:46

Client ID: 50NGBFB

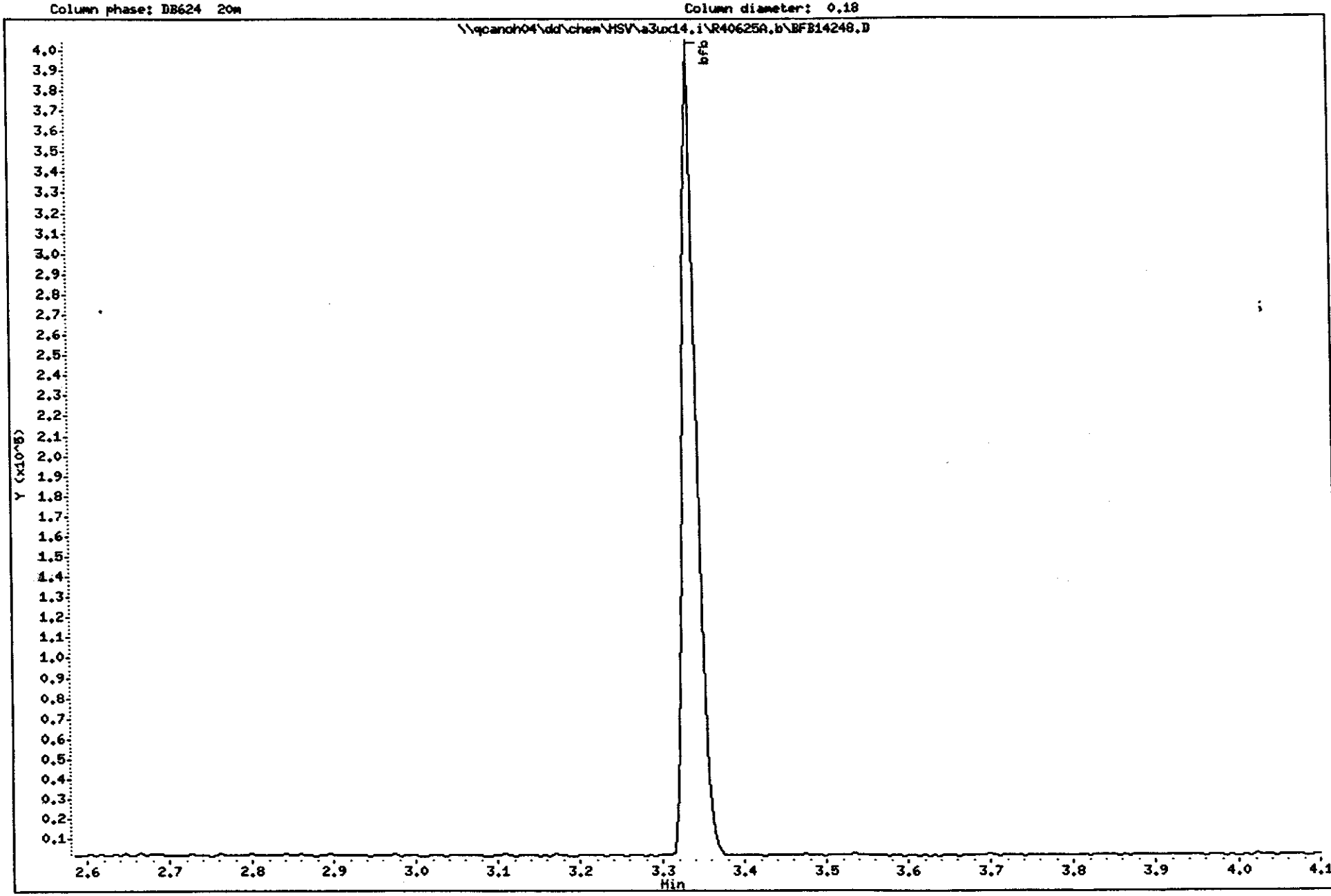
Sample Info: 50NG INJECTION OF BFB

Column phase: DB624 20m

Instrument: a3ux14.i

Operator: 2807

Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\BFB14249.D

Date : 28-JUN-2004 10:29

Client ID: 50NGBFB

Instrument: a3ux14.i

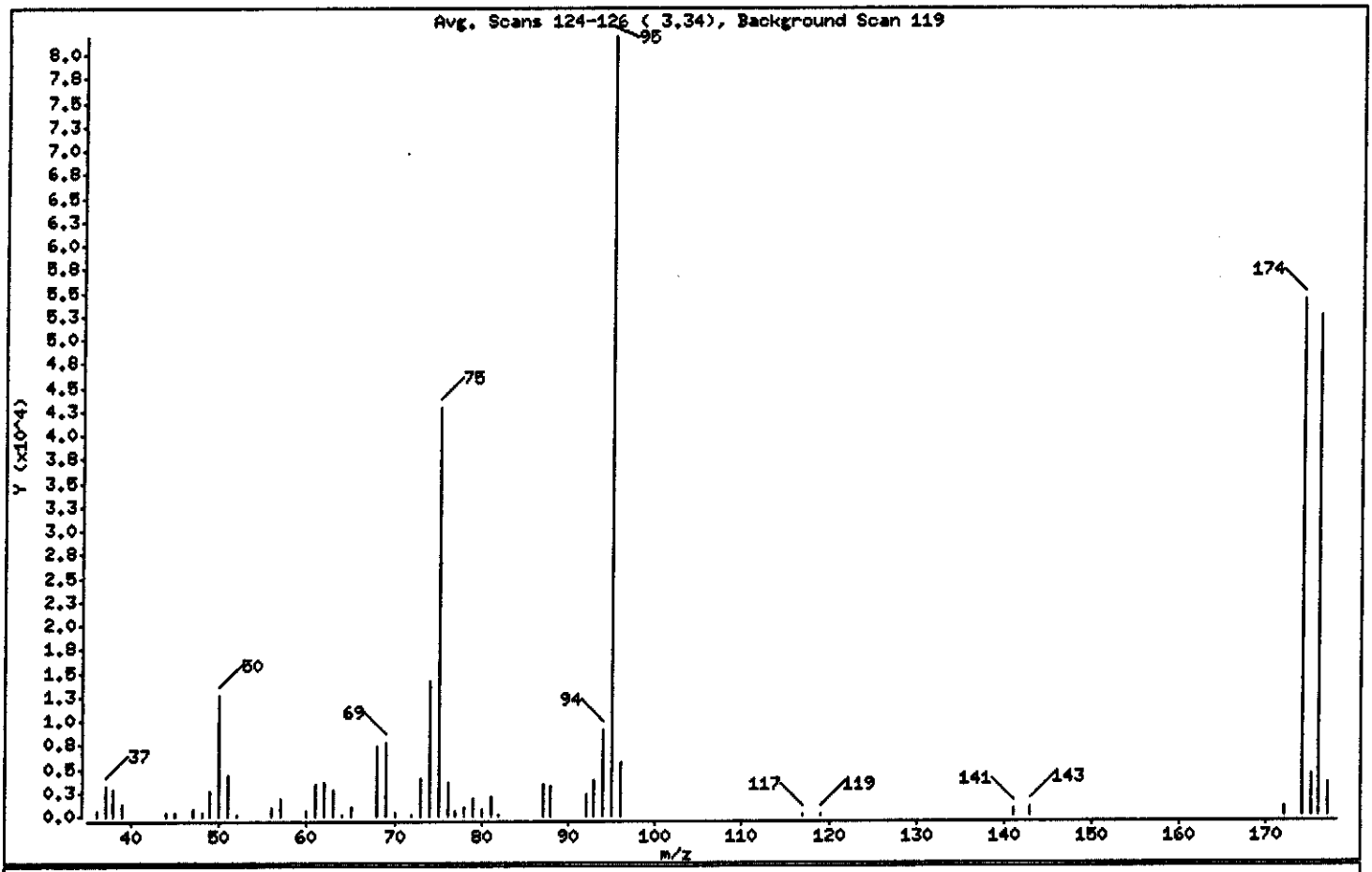
Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.37
75	30.00 - 60.00% of mass 95	52.37
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	66.11
175	5.00 - 9.00% of mass 174	5.40 (8.17)
176	95.00 - 101.00% of mass 174	64.11 (96.98)
177	5.00 - 9.00% of mass 176	4.09 (6.38)

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\BFB14249.D

Date : 28-JUN-2004 10:29

Client ID: 50NGBFB

Instrument: a3ux14.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m

Column diameter: 0.18

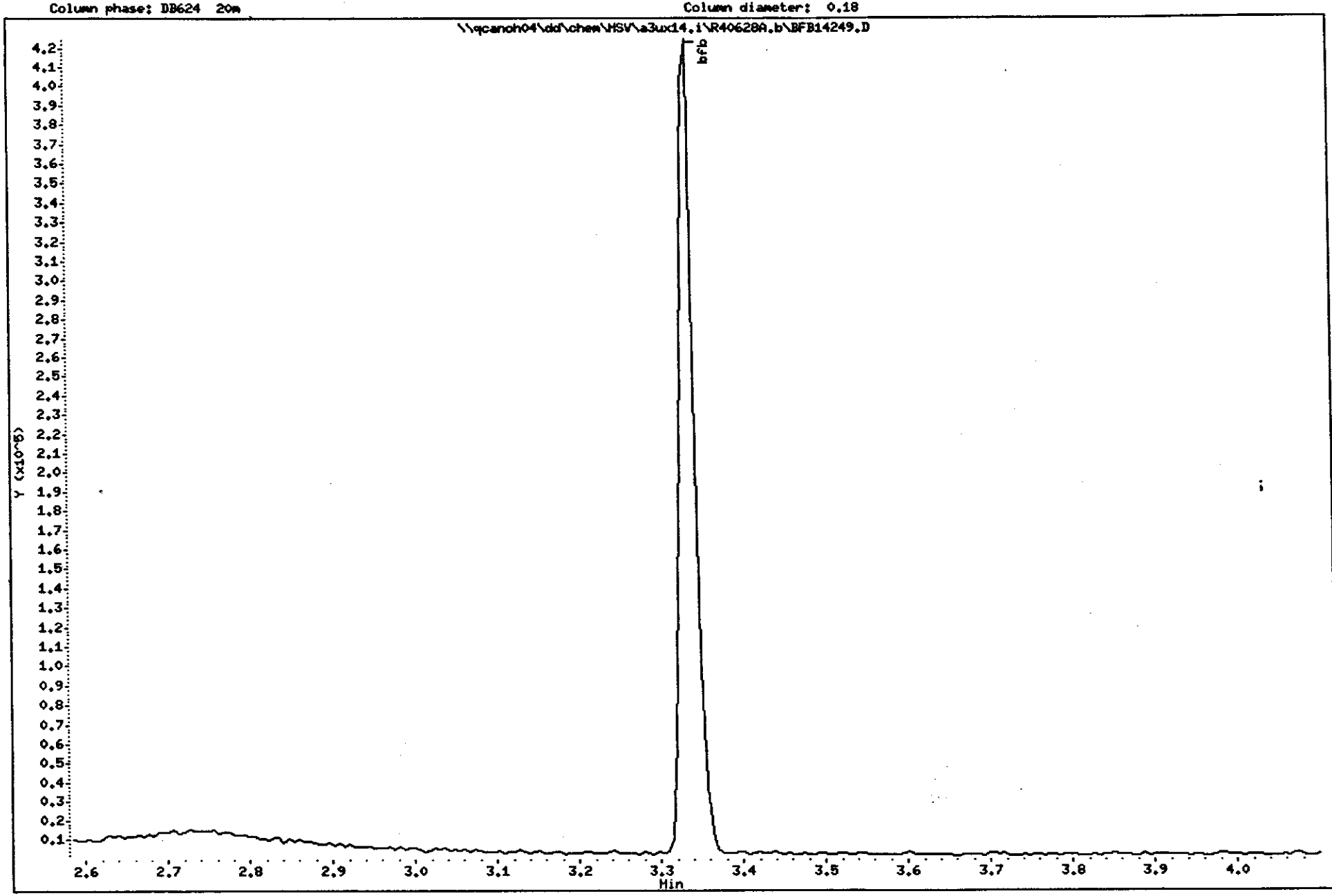
Data File: BFB14249.D
Spectrum: Avg. Scans 124-126 (3.34), Background Scan 119
Location of Maximum: 95.00
Number of points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	501	57.00	1877	75.00	42880	95.00	81888
37.00	3173	60.00	504	76.00	3548	96.00	5577
38.00	2853	61.00	3380	77.00	639	117.00	269
39.00	1297	62.00	3641	78.00	921	119.00	183
44.00	409	63.00	2849	79.00	1803	141.00	741
45.00	386	64.00	189	80.00	662	143.00	900
47.00	842	65.00	1011	81.00	2101	172.00	884
48.00	413	68.00	7299	82.00	243	174.00	54136
49.00	2645	69.00	7666	87.00	3399	175.00	4423
50.00	12591	70.00	400	88.00	3244	176.00	52496
51.00	4264	72.00	221	92.00	2247	177.00	3352
52.00	179	73.00	3959	93.00	3806		
56.00	1027	74.00	14150	94.00	9146		

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40628A.b\BFB14249.D
Date : 28-JUN-2004 10:29
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4174292
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	71	(22 - 200)			SW846 8260B
	64	(22 - 200)	9.7	(0-95)	SW846 8260B
Benzene	**104**	**(80 - 116)**			**SW846 8260B**
	102	**(80 - 116)**	**1.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	113	(87 - 130)			SW846 8260B
	106	(87 - 130)	5.9	(0-30)	SW846 8260B
Bromoform	98	(76 - 150)			SW846 8260B
	96	(76 - 150)	2.2	(0-30)	SW846 8260B
Bromomethane	87	(64 - 129)			SW846 8260B
	86	(64 - 129)	0.78	(0-30)	SW846 8260B
2-Butanone	82	(28 - 237)			SW846 8260B
	81	(28 - 237)	1.4	(0-65)	SW846 8260B
Carbon disulfide	108	(73 - 139)			SW846 8260B
	107	(73 - 139)	0.74	(0-30)	SW846 8260B
Carbon tetrachloride	114	(75 - 149)			SW846 8260B
	110	(75 - 149)	2.9	(0-30)	SW846 8260B
Chlorobenzene	**105**	**(76 - 117)**			**SW846 8260B**
	104	**(76 - 117)**	**1.2**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	109	(81 - 138)			SW846 8260B
	107	(81 - 138)	1.6	(0-30)	SW846 8260B
Chloroethane	87	(66 - 126)			SW846 8260B
	89	(66 - 126)	2.1	(0-30)	SW846 8260B
Chloroform	108	(84 - 128)			SW846 8260B
	106	(84 - 128)	2.0	(0-30)	SW846 8260B
Chloromethane	98	(48 - 123)			SW846 8260B
	95	(48 - 123)	3.4	(0-30)	SW846 8260B
1,1-Dichloroethane	110	(86 - 123)			SW846 8260B
	111	(86 - 123)	0.41	(0-30)	SW846 8260B
1,2-Dichloroethane	118	(79 - 136)			SW846 8260B
	116	(79 - 136)	1.9	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	99	(85 - 113)			SW846 8260B
	96	(85 - 113)	4.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(79 - 120)			SW846 8260B
	101	(79 - 120)	1.9	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(63 - 130)**			**SW846 8260B**
	108	**(63 - 130)**	**0.88**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethene (total)	101	(82 - 116)			SW846 8260B
	98	(82 - 116)	2.9	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	109	(82 - 115)			SW846 8260B
	106	(82 - 115)	2.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	109	(84 - 130)			SW846 8260B
	105	(84 - 130)	3.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	118	(84 - 130)			SW846 8260B
	120	(84 - 130)	1.1	(0-30)	SW846 8260B
Ethylbenzene	112	(86 - 116)			SW846 8260B
	109	(86 - 116)	2.8	(0-30)	SW846 8260B
2-Hexanone	93	(35 - 200)			SW846 8260B
	93	(35 - 200)	0.10	(0-52)	SW846 8260B
Methylene chloride	102	(78 - 118)			SW846 8260B
	100	(78 - 118)	2.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone	110	(78 - 141)			SW846 8260B
	106	(78 - 141)	3.4	(0-32)	SW846 8260B
Styrene	115	(85 - 117)			SW846 8260B
	115	(85 - 117)	0.79	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	135 a	(85 - 118)			SW846 8260B
	132 a	(85 - 118)	1.9	(0-30)	SW846 8260B
Tetrachloroethene	91	(88 - 113)			SW846 8260B
	94	(88 - 113)	3.4	(0-30)	SW846 8260B
Toluene	**115**	**(74 - 119)**			**SW846 8260B**
	112	**(74 - 119)**	**1.8**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	110	(78 - 140)			SW846 8260B
	107	(78 - 140)	2.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	107	(83 - 122)			SW846 8260B
	105	(83 - 122)	1.7	(0-30)	SW846 8260B
Trichloroethene	**94**	**(75 - 122)**			**SW846 8260B**
	92	**(75 - 122)**	**2.4**	**(0-20)**	**SW846 8260B**
Vinyl chloride	88	(61 - 120)			SW846 8260B
	87	(61 - 120)	1.3	(0-30)	SW846 8260B
Xylenes (total)	114	(87 - 116)			SW846 8260B
	112	(87 - 116)	1.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
	109	(61 - 128)
Toluene-d8	102	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	104	(74 - 116)
	104	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4174292
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	7.1	ug/L	71		SW846 8260B
	10	6.4	ug/L	64	9.7	SW846 8260B
Benzene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**102**	**1.6**	**SW846 8260B**
Bromodichloromethane	10	11	ug/L	113		SW846 8260B
	10	11	ug/L	106	5.9	SW846 8260B
Bromoform	10	9.8	ug/L	98		SW846 8260B
	10	9.6	ug/L	96	2.2	SW846 8260B
Bromomethane	10	8.7	ug/L	87		SW846 8260B
	10	8.6	ug/L	86	0.78	SW846 8260B
2-Butanone	10	8.2	ug/L	82		SW846 8260B
	10	8.1	ug/L	81	1.4	SW846 8260B
Carbon disulfide	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	107	0.74	SW846 8260B
Carbon tetrachloride	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	110	2.9	SW846 8260B
Chlorobenzene	**10**	**10**	**ug/L**	**105**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**1.2**	**SW846 8260B**
Dibromochloromethane	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	107	1.6	SW846 8260B
Chloroethane	10	8.7	ug/L	87		SW846 8260B
	10	8.9	ug/L	89	2.1	SW846 8260B
Chloroform	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	106	2.0	SW846 8260B
Chloromethane	10	9.8	ug/L	98		SW846 8260B
	10	9.5	ug/L	95	3.4	SW846 8260B
1,1-Dichloroethane	10	11	ug/L	110		SW846 8260B
	10	11	ug/L	111	0.41	SW846 8260B
1,2-Dichloroethane	10	12	ug/L	118		SW846 8260B
	10	12	ug/L	116	1.9	SW846 8260B
cis-1,2-Dichloroethene	10	9.9	ug/L	99		SW846 8260B
	10	9.6	ug/L	96	4.0	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	101	1.9	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**109**		**SW846 8260B**
	10	**11**	**ug/L**	**108**	**0.88**	**SW846 8260B**
1,2-Dichloroethene (total)	20	20	ug/L	101		SW846 8260B
	20	20	ug/L	98	2.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	106	2.4	SW846 8260B
cis-1,3-Dichloropropene	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	105	3.6	SW846 8260B
trans-1,3-Dichloropropene	10	12	ug/L	118		SW846 8260B
	10	12	ug/L	120	1.1	SW846 8260B
Ethylbenzene	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	109	2.8	SW846 8260B
2-Hexanone	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.10	SW846 8260B
Methylene chloride	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	100	2.0	SW846 8260B
4-Methyl-2-pentanone	10	11	ug/L	110		SW846 8260B
	10	11	ug/L	106	3.4	SW846 8260B
Styrene	10	12	ug/L	115		SW846 8260B
	10	11	ug/L	115	0.79	SW846 8260B
1,1,2,2-Tetrachloroethane	10	13 a	ug/L	135		SW846 8260B
	10	13 a	ug/L	132	1.9	SW846 8260B
Tetrachloroethene	10	9.1	ug/L	91		SW846 8260B
	10	9.4	ug/L	94	3.4	SW846 8260B
Toluene	**10**	**11**	**ug/L**	**115**		**SW846 8260B**
	10	**11**	**ug/L**	**112**	**1.8**	**SW846 8260B**
1,1,1-Trichloroethane	10	11	ug/L	110		SW846 8260B
	10	11	ug/L	107	2.6	SW846 8260B
1,1,2-Trichloroethane	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	105	1.7	SW846 8260B
Trichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**2.4**	**SW846 8260B**
Vinyl chloride	10	8.8	ug/L	88		SW846 8260B
	10	8.7	ug/L	87	1.3	SW846 8260B
Xylenes (total)	30	34	ug/L	114		SW846 8260B
	30	34	ug/L	112	1.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
	109	(61 - 128)
Toluene-d8	102	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	104	(74 - 116)
	104	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

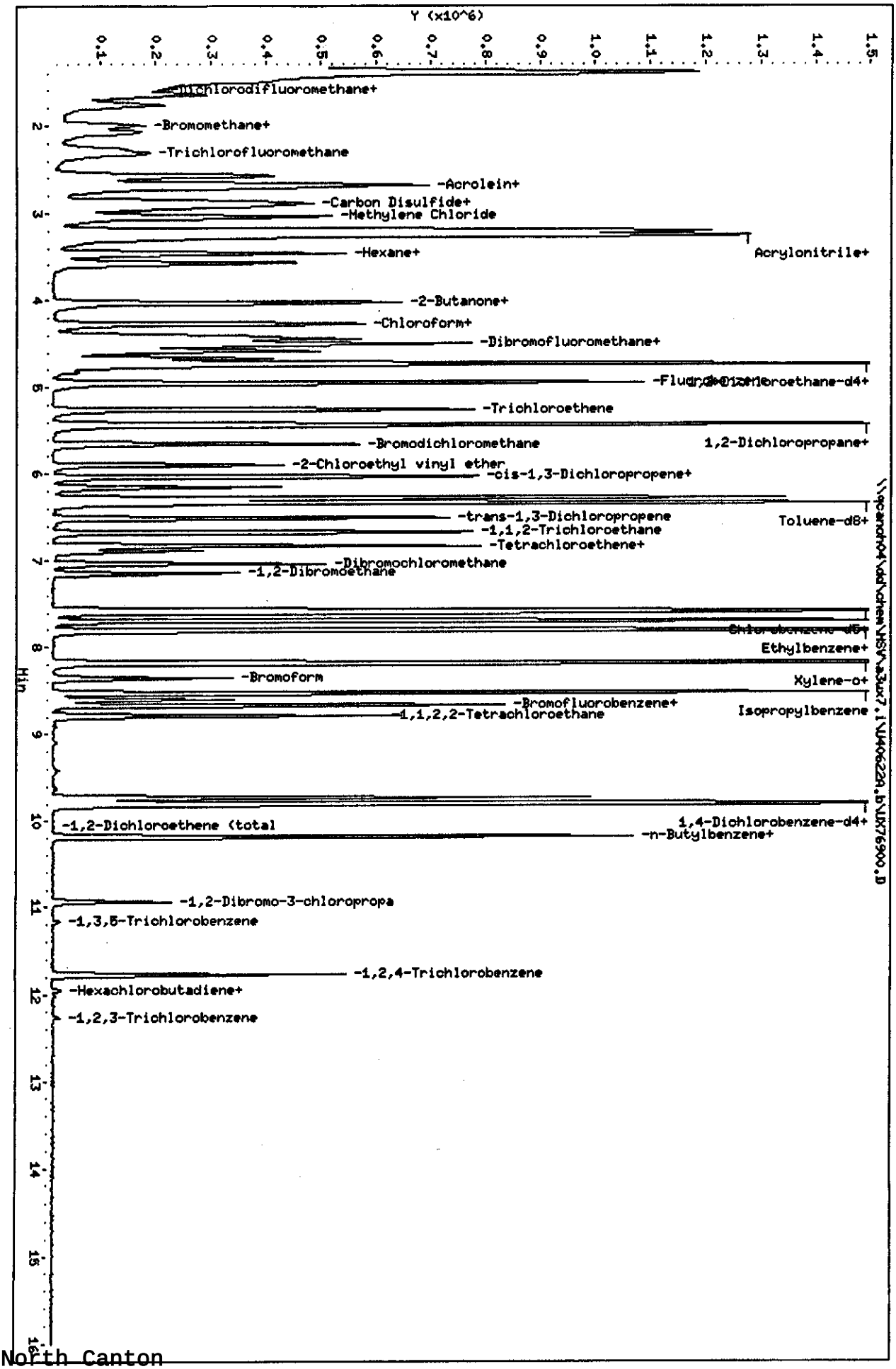
Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F220000-292 GJQ0J1AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



Data File: \\qcanon04\dd\chem\HSV\a3ux7.i\U40622A.b\UX76900.D
Date : 22-JUN-2004 08:35
Client ID: GJQ0J1AC
Sample Info: LCS
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76900.D
Report Date: 22-Jun-2004 15:39

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76900.D
Lab Smp Id: GJQ0J1AC
Inj Date : 22-JUN-2004 08:35
Operator : 1754 Inst ID: a3ux7.i
Smp Info : LCS
Misc Info : U40622A,N8260UX7-3,1-8260.SUB,1754,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Meth Date : 22-Jun-2004 15:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

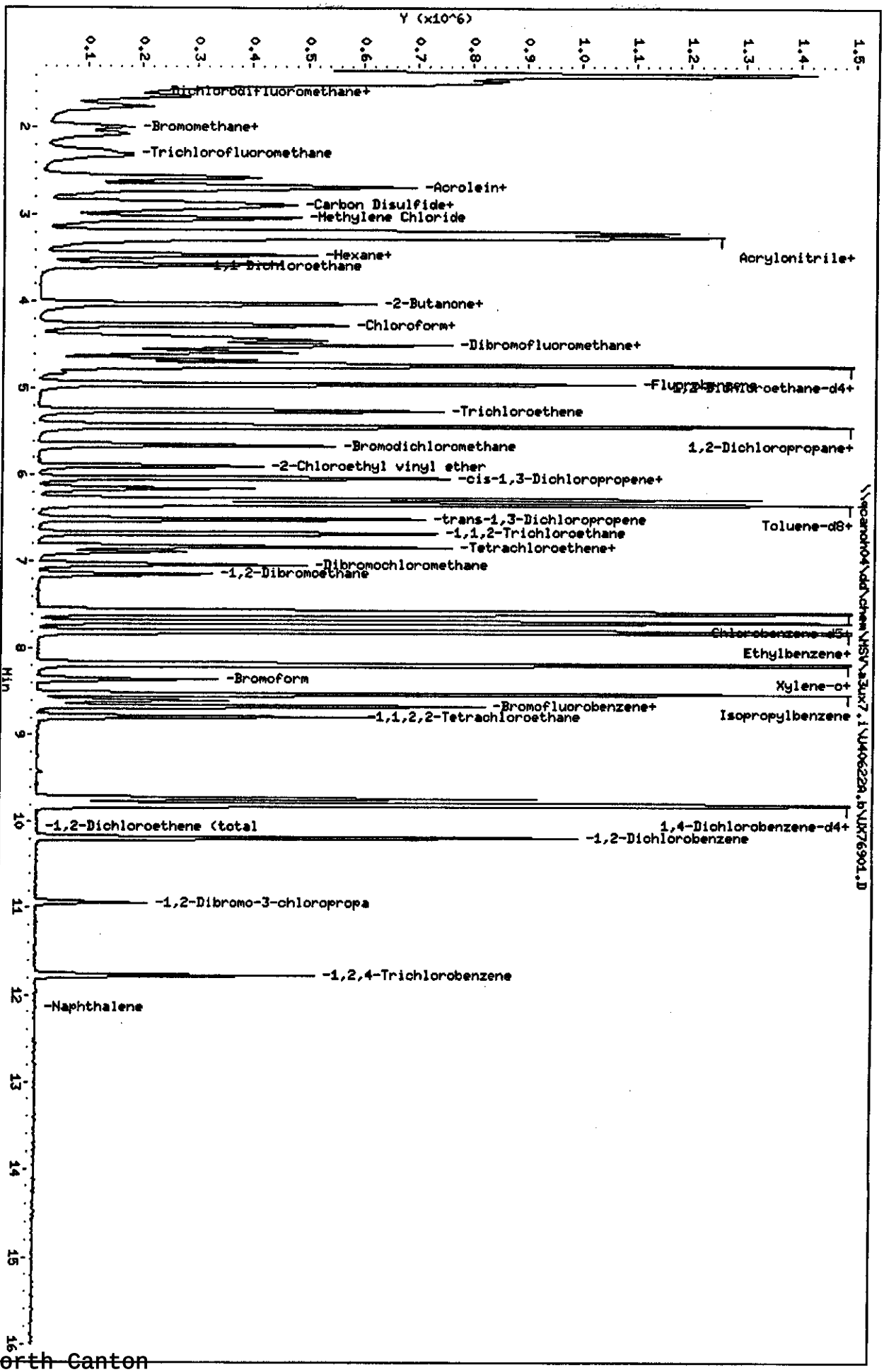
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	4.952	4.952	(1.000)	1127247	50.0000	
*	2 Chlorobenzene-d5	117	7.568	7.567	(1.000)	845529	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	354052	50.0000	
$	4 Dibromofluoromethane	113	4.396	4.396	(0.888)	233172	45.8385	9.168
$	5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	371633	53.0553	10.611
$	6 Toluene-d8	98	6.278	6.278	(0.830)	960137	51.0223	10.204
$	7 Bromofluorobenzene	95	8.668	8.668	(1.145)	339140	51.7488	10.350
	8 Dichlorodifluoromethane	85	1.592	1.580	(0.322)	297049	49.5812	9.916
	9 Chloromethane	50	1.639	1.639	(0.331)	525596	49.1806	9.836
	10 Vinyl Chloride	62	1.758	1.757	(0.355)	412290	43.9660	8.793
	11 Bromomethane	94	1.994	1.994	(0.403)	217651	43.4194	8.684
	12 Chloroethane	64	2.077	2.065	(0.419)	245493	43.7212	8.744
	13 Trichlorofluoromethane	101	2.314	2.314	(0.467)	471469	55.3640	11.073
	15 Acrolein	56	2.574	2.574	(0.520)	752394	597.255	119.45
	16 Acetone	43	2.681	2.680	(0.541)	132735	35.4704	7.094
	17 1,1-Dichloroethene	96	2.681	2.669	(0.541)	290038	54.6455	10.929
	18 Freon-113	151	2.692	2.704	(0.544)	204288	53.3488	10.670
	19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76900.D
Report Date: 22-Jun-2004 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
20	Carbon Disulfide	76	2.870	2.870	(0.580)	1083899	53.7838	10.757
21	Methylene Chloride	84	3.036	3.035	(0.613)	365568	50.9099	10.182
22	Acetonitrile	41	2.905	2.893	(0.587)	600485	660.937	132.19
23	Acrylonitrile	53	3.201	3.201	(0.646)	1567955	572.001	114.40
24	Methyl tert-butyl ether	73	3.260	3.260	(0.658)	882603	47.0409	9.408
25	trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	325564	51.3662	10.273
26	Hexane	86	3.473	3.461	(0.701)	58710	56.1418	11.228
27	Vinyl acetate	43	3.462	3.591	(0.699)	249840	19.3136	3.863
28	1,1-Dichloroethane	63	3.568	3.568	(0.720)	632126	55.2420	11.048
29	tert-Butyl Alcohol	59	3.260	3.106	(0.658)	18541	45.4591	9.092
30	2-Butanone	43	4.018	4.017	(0.811)	167860	40.8420	8.168
M 31	1,2-Dichloroethene (total)	96				646175	101.074	20.215
32	cis-1,2-dichloroethene	96	4.030	4.029	(0.814)	320611	49.7078	9.942
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.278	4.278	(0.864)	578050	53.8385	10.768
36	Tetrahydrofuran	42	4.266	4.254	(0.861)	11210	6.54670	1.309
37	1,1,1-Trichloroethane	97	4.444	4.443	(0.897)	482745	54.9563	10.991
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.586	4.585	(0.926)	408888	56.7514	11.350
40	1,2-Dichloroethane	62	4.728	4.727	(0.955)	506621	58.9046	11.781
41	Benzene	78	4.739	4.727	(0.957)	1383550	51.8925	10.378
42	Trichloroethene	130	5.260	5.260	(1.062)	297161	47.2293	9.446
43	1,2-Dichloropropane	63	5.438	5.437	(1.098)	359350	54.3896	10.878
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.662	5.650	(1.143)	460951	56.4438	11.289
47	2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	186161	50.1725	10.034
48	cis-1,3-Dichloropropene	75	6.041	6.041	(1.220)	523373	54.5626	10.912
49	4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	339967	55.0863	11.017
50	Toluene	91	6.337	6.337	(0.837)	1377796	57.2706	11.454
51	trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	458543	59.2315	11.846
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.668	6.680	(0.881)	278980	53.5707	10.714
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.834	6.834	(0.903)	189007	45.3730	9.075
56	2-Hexanone	43	6.893	6.893	(0.911)	224406	46.6259	9.325
57	Dibromochloromethane	129	7.035	7.035	(0.930)	291735	54.3097	10.862
58	1,2-Dibromoethane	107	7.142	7.141	(0.944)	269954	54.2267	10.845
59	Chlorobenzene	112	7.603	7.591	(1.005)	788735	52.4034	10.481
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.698	7.697	(1.017)	414455	56.0639	11.213
62	m + p-Xylene	106	7.804	7.804	(1.031)	1054134	113.890	22.778
M 63	Xylenes (total)	106				1558884	171.016	34.203
64	Xylene-o	106	8.171	8.171	(1.080)	504750	57.1260	11.425
65	Styrene	104	8.183	8.183	(1.081)	917245	57.7220	11.544
66	Bromoform	173	8.360	8.360	(1.105)	176304	49.2220	9.844

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76900.D
Report Date: 22-Jun-2004 15:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.526	8.526	(1.127)	1086342	59.6018	11.920
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	383810	67.4142	13.483
69 1,4-Dichloro-2-butene	53	8.597	8.845	(0.878)	7016	4.66996	0.9340
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.733	9.733	(0.994)	447890	52.2893	10.458
81 1,4-Dichlorobenzene	146	9.816	9.816	(1.002)	513153	56.3922	11.278
82 n-Butylbenzene	91	10.159	10.159	(1.037)	10821	1.03758	0.2075
83 1,2-Dichlorobenzene	146	10.183	10.182	(1.040)	472079	54.6776	10.936
84 1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	60470	55.8091	11.162
85 1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	178868	41.6468	8.329
86 Hexachlorobutadiene	225	11.957	11.957	(1.221)	4792	2.11154	0.4223
87 Naphthalene	128	12.028	12.016	(1.228)	9292	5.47265	1.094
88 1,2,3-Trichlorobenzene	180	12.265	12.265	(1.253)	4530	1.10722	0.2214
98 Cyclohexane	56	4.503	4.503	(0.909)	494845	57.6964	11.539
143 Methyl Acetate	43	2.941	2.941	(0.594)	311795	63.3522	12.670
144 Methylcyclohexane	83	5.438	5.437	(1.098)	342398	52.6487	10.530
141 1,3,5-Trichlorobenzene	180	11.165	11.164	(1.140)	5473	1.10067	0.2201



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Date : 22-JUN-2004 08:58
Client ID: GJQ053A D
Sample Info: LCSD
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76901.D
Report Date: 22-Jun-2004 15:39

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76901.D
Lab Smp Id: GJQ0J1AD
Inj Date : 22-JUN-2004 08:58
Operator : 1754 Inst ID: a3ux7.i
Smp Info : LCSD
Misc Info : U40622A,N8260UX7-3,1-8260.SUB,1754,3
Comment :
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Meth Date : 22-Jun-2004 15:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
* 1 Fluorobenzene	96	4.952	4.952	(1.000)	1118385	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	830672	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	347866	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	230674	45.7067	9.141
$ 5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	380214	54.7105	10.942
$ 6 Toluene-d8	98	6.277	6.278	(0.830)	947879	51.2719	10.254
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	333677	51.8258	10.365
8 Dichlorodifluoromethane	85	1.592	1.580	(0.321)	296108	49.8158	9.963
9 Chloromethane	50	1.651	1.639	(0.333)	503767	47.5115	9.502
10 Vinyl Chloride	62	1.757	1.757	(0.355)	403828	43.4048	8.681
11 Bromomethane	94	1.994	1.994	(0.403)	214430	43.0826	8.616
12 Chloroethane	64	2.077	2.065	(0.419)	248680	44.6397	8.928
13 Trichlorofluoromethane	101	2.313	2.314	(0.467)	461222	54.5898	10.918
15 Acrolein	56	2.574	2.574	(0.520)	737051	589.712	117.94
16 Acetone	43	2.680	2.680	(0.541)	121091	32.2015	6.440
17 1,1-Dichloroethene	96	2.680	2.669	(0.541)	285224	54.1643	10.833
18 Freon-113	151	2.692	2.704	(0.544)	208837	54.9689	10.994
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76901.D
Report Date: 22-Jun-2004 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	20 Carbon Disulfide	76	2.870	2.870	(0.580)	1067396	53.3846	10.677
	21 Methylene Chloride	84	3.035	3.035	(0.613)	356241	49.9037	9.981
	22 Acetonitrile	41	2.893	2.893	(0.584)	590858	655.494	131.10
	23 Acrylonitrile	53	3.201	3.201	(0.646)	1538797	565.812	113.16
	24 Methyl tert-butyl ether	73	3.260	3.260	(0.658)	850984	45.7151	9.143
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	316953	50.4038	10.081
	26 Hexane	86	3.473	3.461	(0.701)	56088	54.1616	10.832
	27 Vinyl acetate	43	3.461	3.591	(0.699)	240695	18.7541	3.751
	28 1,1-Dichloroethane	63	3.580	3.568	(0.723)	629758	55.4711	11.094
	29 tert-Butyl Alcohol	59	3.248	3.106	(0.656)	19363	47.8507	9.570
	30 2-Butanone	43	4.017	4.017	(0.811)	164265	40.2840	8.057
M	31 1,2-Dichloroethene (total)	96				622710	98.1843	19.637
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	305757	47.7804	9.556
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.278	4.278	(0.864)	562300	52.7866	10.557
	36 Tetrahydrofuran	42	4.266	4.254	(0.861)	12932	7.61220	1.522
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	466777	53.5595	10.712
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	394115	55.1345	11.027
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	493330	57.8138	11.563
	41 Benzene	78	4.739	4.727	(0.957)	1350472	51.0532	10.211
	42 Trichloroethene	130	5.260	5.260	(1.062)	287971	46.1313	9.226
	43 1,2-Dichloropropane	63	5.437	5.437	(1.098)	347956	53.0824	10.616
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.662	5.650	(1.143)	431260	53.2265	10.645
	47 2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	184198	50.0369	10.007
	48 cis-1,3-Dichloropropene	75	6.041	6.041	(1.220)	500851	52.6284	10.526
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	326053	53.2504	10.650
	50 Toluene	91	6.337	6.337	(0.837)	1329158	56.2370	11.247
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	455476	59.8876	11.978
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.680	6.680	(0.883)	269454	52.6669	10.533
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.834	6.834	(0.903)	192132	46.9481	9.390
	56 2-Hexanone	43	6.893	6.893	(0.911)	220221	46.5748	9.315
	57 Dibromochloromethane	129	7.035	7.035	(0.930)	282179	53.4702	10.694
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	263136	53.8025	10.760
	59 Chlorobenzene	112	7.603	7.591	(1.005)	765557	51.7732	10.355
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.697	7.697	(1.017)	395831	54.5022	10.900
	62 m + p-Xylene	106	7.804	7.804	(1.031)	1034374	113.754	22.751
M	63 Xylenes (total)	106				1509045	168.436	33.687
	64 Xylene-o	106	8.171	8.171	(1.080)	474671	54.6826	10.936
	65 Styrene	104	8.183	8.183	(1.081)	894001	57.2655	11.453
	66 Bromoform	173	8.360	8.360	(1.105)	169483	48.1640	9.633

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76901.D
Report Date: 22-Jun-2004 15:39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.526	8.526	(1.127)	1065513	59.5046	11.901
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	369928	66.1314	13.226
69 1,4-Dichloro-2-butene	53	8.609	8.845	(0.879)	8166	5.53208	1.106
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.733	9.733	(0.994)	437527	51.9878	10.398
81 1,4-Dichlorobenzene	146	9.815	9.816	(1.002)	493277	55.1720	11.034
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	454135	53.5347	10.707
84 1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	59955	56.3177	11.264
85 1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	175618	41.6172	8.323
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	12.005	12.016	(1.226)	974	4.84198	0.9684
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.503	4.503	(0.909)	477081	56.0659	11.213
143 Methyl Acetate	43	2.941	2.941	(0.594)	299208	61.2764	12.255
144 Methylcyclohexane	83	5.437	5.437	(1.098)	336744	52.1896	10.438
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD
Prep Date.....: 06/16/04 **Analysis Date..:** 06/19/04
Prep Batch #...: 4173463
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	95	(58 - 130)			SW846 8260B
	87	(58 - 130)	8.8	(0-30)	SW846 8260B
Benzene	**92**	**(75 - 129)**			**SW846 8260B**
	90	**(75 - 129)**	**2.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	94	(72 - 125)			SW846 8260B
	93	(72 - 125)	1.2	(0-30)	SW846 8260B
Bromoform	87	(43 - 149)			SW846 8260B
	85	(43 - 149)	2.8	(0-30)	SW846 8260B
Bromomethane	31	(24 - 152)			SW846 8260B
	33	(24 - 152)	7.0	(0-30)	SW846 8260B
Carbon disulfide	51	(50 - 137)			SW846 8260B
	50	(50 - 137)	1.1	(0-30)	SW846 8260B
Carbon tetrachloride	88	(57 - 137)			SW846 8260B
	87	(57 - 137)	1.4	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**0.99**	**(0-22)**	**SW846 8260B**
n-Hexane	83	(57 - 130)			SW846 8260B
	83	(57 - 130)	0.32	(0-30)	SW846 8260B
Dibromochloromethane	87	(49 - 135)			SW846 8260B
	86	(49 - 135)	1.2	(0-30)	SW846 8260B
Chloroethane	36	(31 - 144)			SW846 8260B
	35	(31 - 144)	3.9	(0-30)	SW846 8260B
Chloroform	93	(73 - 115)			SW846 8260B
	94	(73 - 115)	1.6	(0-30)	SW846 8260B
Chloromethane	15	(15 - 136)			SW846 8260B
	14 a	(15 - 136)	4.0	(0-30)	SW846 8260B
1,1-Dichloroethane	90	(77 - 119)			SW846 8260B
	88	(77 - 119)	1.6	(0-30)	SW846 8260B
1,2-Dichloroethane	95	(78 - 121)			SW846 8260B
	93	(78 - 121)	2.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**65**	**(55 - 142)**			**SW846 8260B**
	64	**(55 - 142)**	**1.8**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	92	(77 - 114)			SW846 8260B
	90	(77 - 114)	2.5	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	85	(68 - 117)			SW846 8260B
	83	(68 - 117)	3.2	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(73 - 115)			SW846 8260B
	86	(73 - 115)	2.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	95	(78 - 116)			SW846 8260B
	94	(78 - 116)	0.70	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(71 - 125)			SW846 8260B
	90	(71 - 125)	3.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	85	(67 - 125)			SW846 8260B
	85	(67 - 125)	0.030	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	101	(79 - 114)	0.99	(0-30)	SW846 8260B
2-Hexanone	86	(29 - 200)			SW846 8260B
	79	(29 - 200)	8.0	(0-41)	SW846 8260B
Methylene chloride	78	(58 - 130)			SW846 8260B
	75	(58 - 130)	4.2	(0-30)	SW846 8260B
Styrene	101	(80 - 114)			SW846 8260B
	100	(80 - 114)	0.96	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	99	(70 - 133)			SW846 8260B
	92	(70 - 133)	7.4	(0-30)	SW846 8260B
Tetrachloroethene	90	(72 - 120)			SW846 8260B
	94	(72 - 120)	3.9	(0-30)	SW846 8260B
Toluene	**90**	**(71 - 130)**			**SW846 8260B**
	91	**(71 - 130)**	**0.78**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	90	(67 - 123)			SW846 8260B
	89	(67 - 123)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(82 - 116)			SW846 8260B
	92	(82 - 116)	0.15	(0-30)	SW846 8260B
Trichloroethene	**95**	**(70 - 131)**			**SW846 8260B**
	90	**(70 - 131)**	**5.6**	**(0-23)**	**SW846 8260B**
Vinyl chloride	26	(24 - 152)			SW846 8260B
	26	(24 - 152)	0.16	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	101	(80 - 114)	0.070	(0-30)	SW846 8260B
2-Butanone (MEK)	82	(27 - 200)			SW846 8260B
	77	(27 - 200)	6.0	(0-46)	SW846 8260B
4-Methyl-2-pentanone (MIBK	102	(68 - 142)			SW846 8260B
	93	(68 - 142)	9.1	(0-60)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
	80	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	84	(61 - 130)
Toluene-d8	86	(60 - 143)
	82	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)
	88	(47 - 158)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD
Prep Date.....: 06/16/04 **Analysis Date..:** 06/19/04
Prep Batch #...: 4173463
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	1000	950	ug/kg	95		SW846 8260B
	1000	870	ug/kg	87	8.8	SW846 8260B
Benzene	**1000**	**920**	**ug/kg**	**92**		**SW846 8260B**
	1000	**900**	**ug/kg**	**90**	**2.2**	**SW846 8260B**
Bromodichloromethane	1000	940	ug/kg	94		SW846 8260B
	1000	930	ug/kg	93	1.2	SW846 8260B
Bromoform	1000	870	ug/kg	87		SW846 8260B
	1000	850	ug/kg	85	2.8	SW846 8260B
Bromomethane	1000	310	ug/kg	31		SW846 8260B
	1000	330	ug/kg	33	7.0	SW846 8260B
Carbon disulfide	1000	510	ug/kg	51		SW846 8260B
	1000	500	ug/kg	50	1.1	SW846 8260B
Carbon tetrachloride	1000	880	ug/kg	88		SW846 8260B
	1000	870	ug/kg	87	1.4	SW846 8260B
Chlorobenzene	**1000**	**970**	**ug/kg**	**97**		**SW846 8260B**
	1000	**980**	**ug/kg**	**98**	**0.99**	**SW846 8260B**
n-Hexane	1000	830	ug/kg	83		SW846 8260B
	1000	830	ug/kg	83	0.32	SW846 8260B
Dibromochloromethane	1000	870	ug/kg	87		SW846 8260B
	1000	860	ug/kg	86	1.2	SW846 8260B
Chloroethane	1000	360	ug/kg	36		SW846 8260B
	1000	350	ug/kg	35	3.9	SW846 8260B
Chloroform	1000	930	ug/kg	93		SW846 8260B
	1000	940	ug/kg	94	1.6	SW846 8260B
Chloromethane	1000	150	ug/kg	15		SW846 8260B
	1000	140 a	ug/kg	14	4.0	SW846 8260B
1,1-Dichloroethane	1000	900	ug/kg	90		SW846 8260B
	1000	880	ug/kg	88	1.6	SW846 8260B
1,2-Dichloroethane	1000	950	ug/kg	95		SW846 8260B
	1000	930	ug/kg	93	2.8	SW846 8260B
1,1-Dichloroethene	**1000**	**650**	**ug/kg**	**65**		**SW846 8260B**
	1000	**640**	**ug/kg**	**64**	**1.8**	**SW846 8260B**
cis-1,2-Dichloroethene	1000	920	ug/kg	92		SW846 8260B
	1000	900	ug/kg	90	2.5	SW846 8260B
trans-1,2-Dichloroethene	1000	850	ug/kg	85		SW846 8260B
	1000	830	ug/kg	83	3.2	SW846 8260B
1,2-Dichloroethene (total)	2000	1800	ug/kg	89		SW846 8260B
	2000	1700	ug/kg	86	2.8	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	1000	950	ug/kg	95		SW846 8260B
	1000	940	ug/kg	94	0.70	SW846 8260B
cis-1,3-Dichloropropene	1000	930	ug/kg	93		SW846 8260B
	1000	900	ug/kg	90	3.6	SW846 8260B
trans-1,3-Dichloropropene	1000	850	ug/kg	85		SW846 8260B
	1000	850	ug/kg	85	0.030	SW846 8260B
Ethylbenzene	1000	1000	ug/kg	100		SW846 8260B
	1000	1000	ug/kg	101	0.99	SW846 8260B
2-Hexanone	1000	860	ug/kg	86		SW846 8260B
	1000	790	ug/kg	79	8.0	SW846 8260B
Methylene chloride	1000	780	ug/kg	78		SW846 8260B
	1000	750	ug/kg	75	4.2	SW846 8260B
Styrene	1000	1000	ug/kg	101		SW846 8260B
	1000	1000	ug/kg	100	0.96	SW846 8260B
1,1,2,2-Tetrachloroethane	1000	990	ug/kg	99		SW846 8260B
	1000	920	ug/kg	92	7.4	SW846 8260B
Tetrachloroethene	1000	900	ug/kg	90		SW846 8260B
	1000	940	ug/kg	94	3.9	SW846 8260B
Toluene	**1000**	**900**	**ug/kg**	**90**		**SW846 8260B**
	1000	**910**	**ug/kg**	**91**	**0.78**	**SW846 8260B**
1,1,1-Trichloroethane	1000	900	ug/kg	90		SW846 8260B
	1000	890	ug/kg	89	1.2	SW846 8260B
1,1,2-Trichloroethane	1000	920	ug/kg	92		SW846 8260B
	1000	920	ug/kg	92	0.15	SW846 8260B
Trichloroethene	**1000**	**950**	**ug/kg**	**95**		**SW846 8260B**
	1000	**900**	**ug/kg**	**90**	**5.6**	**SW846 8260B**
Vinyl chloride	1000	260	ug/kg	26		SW846 8260B
	1000	260	ug/kg	26	0.16	SW846 8260B
Xylenes (total)	3000	3000	ug/kg	101		SW846 8260B
	3000	3000	ug/kg	101	0.070	SW846 8260B
2-Butanone (MEK)	1000	820	ug/kg	82		SW846 8260B
	1000	770	ug/kg	77	6.0	SW846 8260B
4-Methyl-2-pentanone (MIBK	1000	1000	ug/kg	102		SW846 8260B
	1000	930	ug/kg	93	9.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
	80	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	84	(61 - 130)
Toluene-d8	86	(60 - 143)
	82	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)
	88	(47 - 158)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-463 GJPF81AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

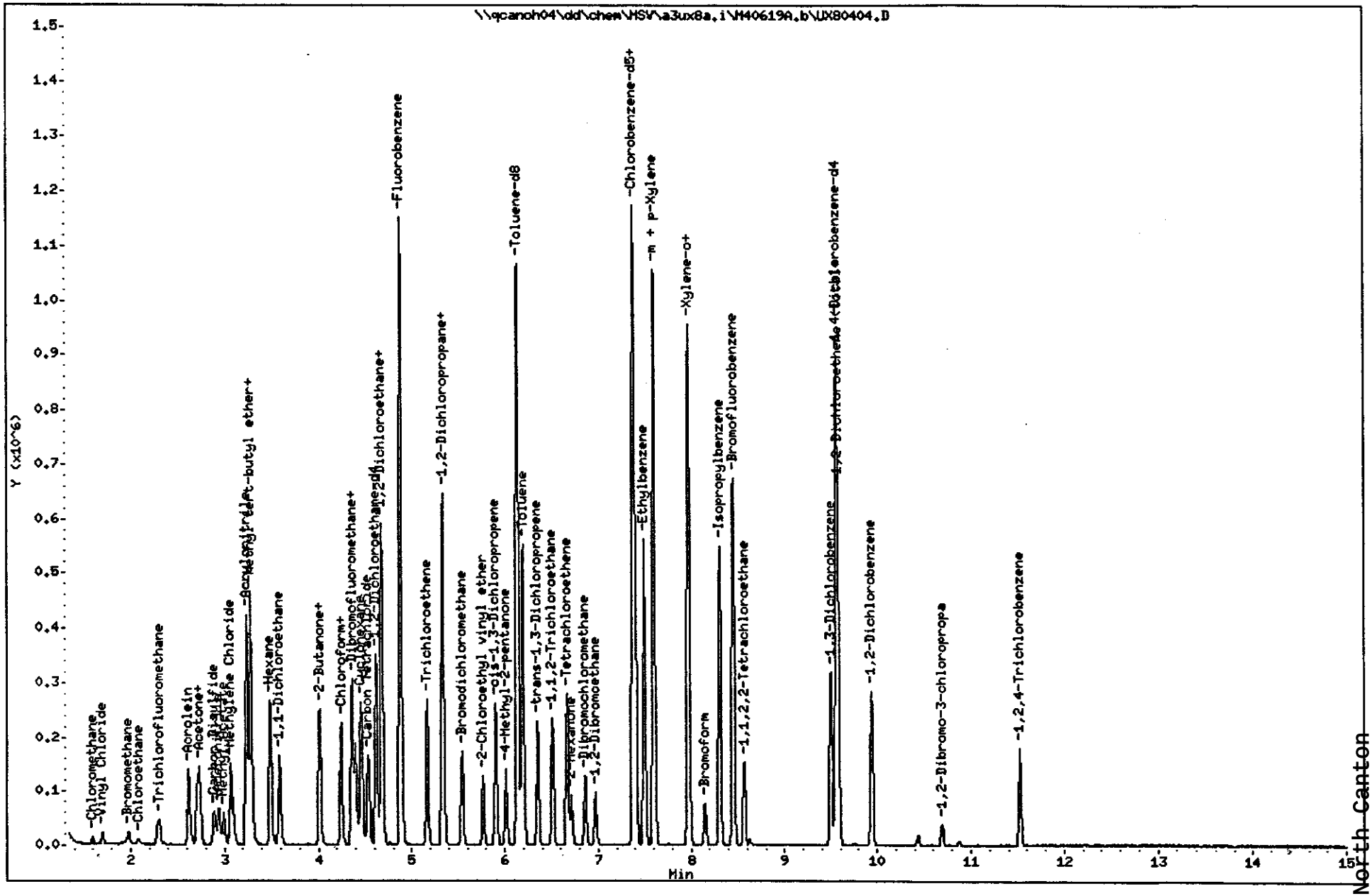
Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\M40619A.b\UX80404.D
Date : 19-JUN-2004 15:31
Client ID: GSPF81AC
Sample Info: MLSCHECK,,2,100UL/5ML,,5.0,5000
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



938

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80404.D
Report Date: 21-Jun-2004 15:46

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80404.D
Lab Smp Id: MLSCHECK
Inj Date : 19-JUN-2004 15:31
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : MLSCHECK,,2,100UL/5ML,,5.0,5000
Misc Info : M40619A,8260SUX8,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m
Meth Date : 21-Jun-2004 15:43 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 17:21 Cal File: UX89925.D
Als bottle: 6 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Va*Vt/Ws

Name	Value	Description
DF	1.000	Dilution Factor
Va	100.000	Injection Volume
Vt	5000.000	Final Volume
Ws	5.000	Soil amount

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
*	1 Fluorobenzene	96	4.881	4.884	(1.000)	937472	250.000	
*	2 Chlorobenzene-d5	117	7.381	7.378	(1.000)	636173	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.559	9.556	(1.000)	236654	250.000	
$	4 Dibromofluoromethane	113	4.364	4.360	(0.894)	167470	208.436	2084.4
$	5 1,2-Dichloroethane-d4	65	4.619	4.622	(0.946)	250095	222.201	2222.0
$	6 Toluene-d8	98	6.140	6.137	(1.258)	709247	214.030	2140.3
$	7 Bromofluorobenzene	95	8.452	8.449	(1.145)	260158	229.476	2294.8
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	1.596	1.592	(0.327)	12077	14.6951	146.95(R)
	10 Vinyl Chloride	62	1.705	1.708	(0.349)	17487	25.9043	259.04(R)
	11 Bromomethane	94	1.979	2.006	(0.406)	8954	30.6982	306.98(R)
	12 Chloroethane	64	2.082	2.097	(0.427)	13046	36.2347	362.35(R)
	13 Trichlorofluoromethane	101	2.295	2.304	(0.470)	50631	56.1034	561.03
	15 Acrolein	56	2.618	2.621	(0.536)	118629	1023.62	10236
	16 Acetone	43	2.739	2.730	(0.561)	31534	94.6740	946.74

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80404.D
Report Date: 21-Jun-2004 15:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
17	1,1-Dichloroethene	96	2.709	2.712	(0.555)	41830	65.2489	652.49
18	Freon-113	151	2.727	2.736	(0.559)	29274	85.8411	858.41
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	2.885	2.894	(0.591)	105568	50.6614	506.61(R)
21	Methylene Chloride	84	3.068	3.071	(0.629)	74226	78.2009	782.01
22	Acetonitrile	41	2.940	2.937	(0.602)	80360	968.047	9680.5
23	Acrylonitrile	53	3.238	3.235	(0.663)	303824	1005.69	10057
24	Methyl tert-butyl ether	73	3.281	3.284	(0.672)	216246	87.5566	875.57
25	trans-1,2-Dichloroethene	96	3.281	3.284	(0.672)	74283	85.2449	852.45
26	Hexane	86	3.494	3.497	(0.716)	20695	82.8303	828.30
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.585	3.588	(0.735)	153301	89.7740	897.74
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	4.011	4.008	(0.822)	44898	81.5865	815.86
M 31	1,2-Dichloroethene (total)	96				161433	177.056	1770.6
32	cis-1,2-dichloroethene	96	4.017	4.020	(0.823)	87150	91.8114	918.11
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.248	4.245	(0.870)	145835	92.8608	928.61
36	Tetrahydrofuran	42	4.236	4.233	(0.868)	8929	29.3355	293.35
37	1,1,1-Trichloroethane	97	4.400	4.403	(0.902)	113773	89.9663	899.66
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.534	4.537	(0.929)	98199	87.8154	878.15
40	1,2-Dichloroethane	62	4.674	4.677	(0.958)	133821	95.4364	954.36
41	Benzene	78	4.680	4.683	(0.959)	343784	91.7225	917.22
42	Trichloroethene	130	5.173	5.170	(1.060)	88441	95.4965	954.96
43	1,2-Dichloropropane	63	5.337	5.334	(1.093)	90829	94.6218	946.22
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.544	5.547	(1.136)	108959	94.3986	943.99
47	2-Chloroethyl vinyl ether	63	5.769	5.766	(1.182)	51195	108.658	1086.6
48	cis-1,3-Dichloropropene	75	5.903	5.906	(1.209)	137864	92.9877	929.88
49	4-Methyl-2-pentanone	43	6.012	6.009	(1.232)	90134	102.205	1022.0
50	Toluene	91	6.195	6.192	(0.839)	380868	89.8062	898.06
51	trans-1,3-Dichloropropene	75	6.353	6.350	(0.861)	121616	85.0068	850.07
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.511	6.514	(0.882)	71885	91.9279	919.28
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.669	6.666	(0.904)	65162	89.9478	899.48
56	2-Hexanone	43	6.712	6.709	(0.909)	60750	85.6743	856.74
57	Dibromochloromethane	129	6.858	6.861	(0.929)	70826	87.1937	871.94
58	1,2-Dibromoethane	107	6.967	6.970	(0.944)	68042	91.4289	914.29
59	Chlorobenzene	112	7.405	7.408	(1.003)	239308	96.7295	967.29
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.503	7.500	(1.016)	128588	99.7160	997.16
62	m + p-Xylene	106	7.606	7.603	(1.030)	320820	201.411	2014.1
M 63	Xylenes (total)	106				470614	302.573	3025.7

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80404.D
Report Date: 21-Jun-2004 15:46

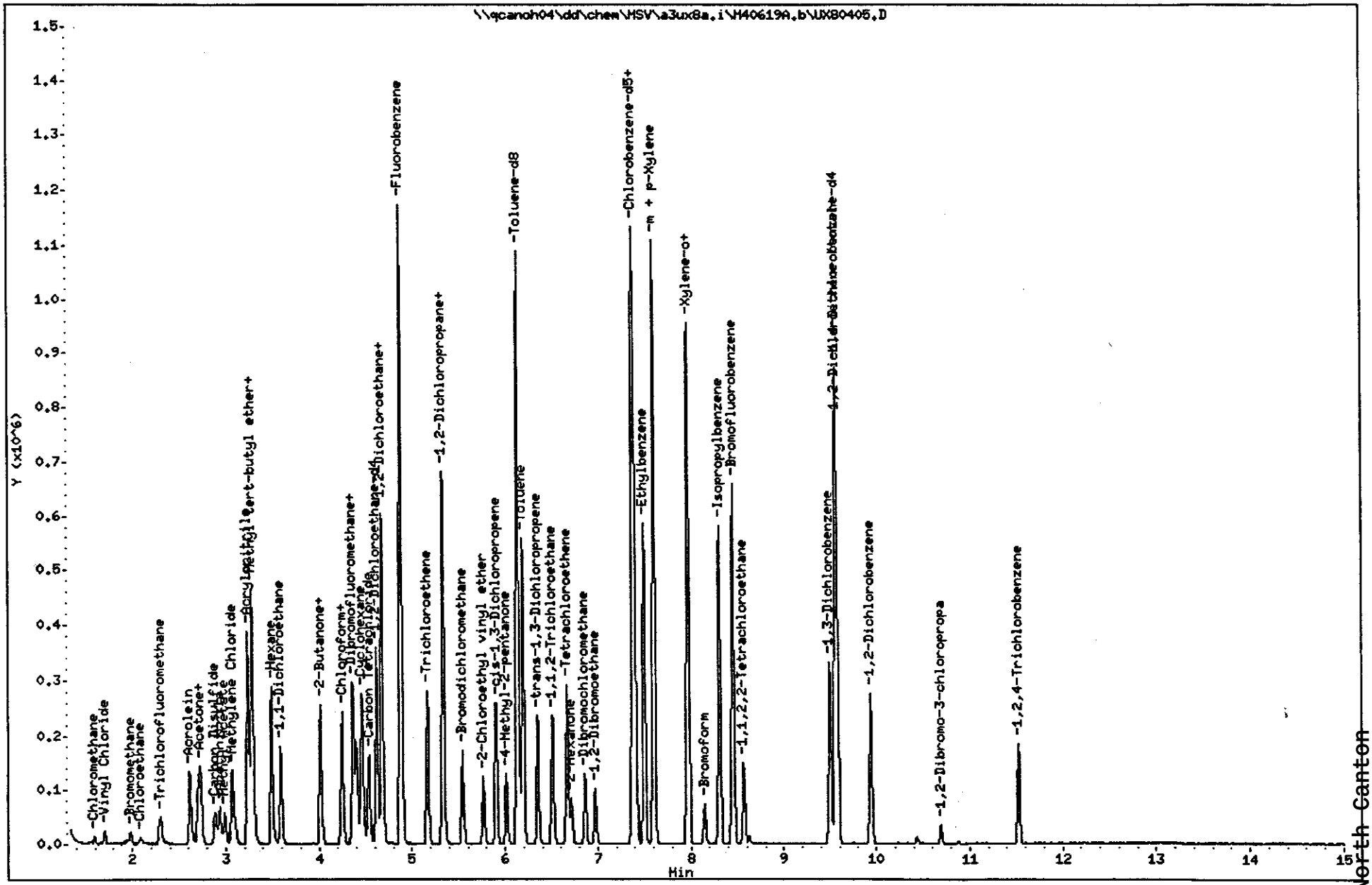
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
64 Xylene-o	106	7.965	7.968	(1.079)	149794	101.162	1011.6
65 Styrene	104	7.977	7.974	(1.081)	252441	100.542	1005.4
66 Bromoform	173	8.148	8.144	(1.104)	37994	87.4090	874.09
67 Isopropylbenzene	105	8.306	8.309	(1.125)	383076	107.785	1077.8
68 1,1,2,2-Tetrachloroethane	83	8.567	8.564	(0.896)	78859	99.1503	991.50
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.498	9.495	(0.994)	145584	101.887	1018.9
81 1,4-Dichlorobenzene	146	9.583	9.580	(1.003)	144892	100.697	1007.0
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.942	9.945	(1.040)	123813	95.3386	953.39
84 1,2-Dibromo-3-chloropropane	157	10.697	10.693	(1.119)	8818	75.7128	757.13
85 1,2,4-Trichlorobenzene	180	11.530	11.527	(1.206)	61909	75.9388	759.39
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.461	4.464	(0.914)	128254	80.2231	802.23
143 Methyl Acetate	43	2.989	2.992	(0.612)	63757	94.0200	940.20
144 Methylcyclohexane	83	5.337	5.334	(1.093)	142670	88.6309	886.31
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40619A.b\UX80405.D
Date : 19-JUN-2004 15:55
Client ID: GJQF81AD
Sample Info: MLSCHECKDUP,,2,100UL/5ML,,5.0,5000
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



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Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80405.D
Report Date: 21-Jun-2004 15:47

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80405.D
Lab Smp Id: MLSCHECKDUP
Inj Date : 19-JUN-2004 15:55
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : MLSCHECKDUP,,2,100UL/5ML,,5.0,5000
Misc Info : M40619A,8260SUX8,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\8260SUX8.m
Meth Date : 21-Jun-2004 15:43 macenczaks Quant Type: ISTD
Cal Date : 03-JUN-2004 17:21 Cal File: UX89925.D
Als bottle: 7 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Va*Vt/Ws

Name	Value	Description
DF	1.000	Dilution Factor
Va	100.000	Injection Volume
Vt	5000.000	Final Volume
Ws	5.000	Soil amount

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
* 1	Fluorobenzene	96	4.883	4.884	(1.000)	971871	250.000	
* 2	Chlorobenzene-d5	117	7.378	7.378	(1.000)	644345	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.555	9.556	(1.000)	236392	250.000	
$ 4	Dibromofluoromethane	113	4.360	4.360	(0.893)	167592	201.205	2012.0
$ 5	1,2-Dichloroethane-d4	65	4.622	4.622	(0.946)	246332	211.112	2111.1
$ 6	Toluene-d8	98	6.137	6.137	(1.257)	705242	205.288	2052.9
$ 7	Bromofluorobenzene	95	8.448	8.449	(1.145)	252984	220.318	2203.2
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	1.592	1.592	(0.326)	12033	14.1233	141.23(R)
10	Vinyl Chloride	62	1.702	1.708	(0.349)	18099	25.8619	258.62(R)
11	Bromomethane	94	1.982	2.006	(0.406)	9961	32.9419	329.42(R)
12	Chloroethane	64	2.085	2.097	(0.427)	13012	34.8611	348.61(R)
13	Trichlorofluoromethane	101	2.298	2.304	(0.471)	54176	57.9067	579.07
15	Acrolein	56	2.614	2.621	(0.535)	111780	930.385	9303.8
16	Acetone	43	2.736	2.730	(0.560)	28917	86.6980	866.98

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80405.D
Report Date: 21-Jun-2004 15:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	17 1,1-Dichloroethene	96	2.705	2.712	(0.554)	42568	64.0499	640.50(R)
	18 Freon-113	151	2.730	2.736	(0.559)	29931	84.6612	846.61
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	2.888	2.894	(0.591)	108226	50.0987	500.99(R)
	21 Methylene Chloride	84	3.070	3.071	(0.629)	74169	74.9510	749.51
	22 Acetonitrile	41	2.937	2.937	(0.601)	75038	871.942	8719.4
	23 Acrylonitrile	53	3.241	3.235	(0.664)	287967	919.465	9194.6
	24 Methyl tert-butyl ether	73	3.283	3.284	(0.672)	218075	85.1719	851.72
	25 trans-1,2-Dichloroethene	96	3.283	3.284	(0.672)	74585	82.5620	825.62
	26 Hexane	86	3.496	3.497	(0.716)	21384	82.5586	825.59
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.588	3.588	(0.735)	156447	88.3736	883.74
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	4.007	4.008	(0.821)	43839	76.8426	768.42
M	31 1,2-Dichloroethene (total)	96				162668	172.072	1720.7
	32 cis-1,2-dichloroethene	96	4.020	4.020	(0.823)	88083	89.5099	895.10
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.245	4.245	(0.869)	153606	94.3471	943.47
	36 Tetrahydrofuran	42	4.239	4.233	(0.868)	9504	30.1194	301.19
	37 1,1,1-Trichloroethane	97	4.403	4.403	(0.902)	116518	88.8758	888.76
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.537	4.537	(0.929)	100398	86.6041	866.04
	40 1,2-Dichloroethane	62	4.677	4.677	(0.958)	134857	92.7712	927.71
	41 Benzene	78	4.683	4.683	(0.959)	348599	89.7152	897.15
	42 Trichloroethene	130	5.169	5.170	(1.059)	86691	90.2937	902.94
	43 1,2-Dichloropropane	63	5.334	5.334	(1.092)	93497	93.9538	939.54
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.546	5.547	(1.136)	111617	93.2787	932.79
	47 2-Chloroethyl vinyl ether	63	5.765	5.766	(1.181)	49561	101.466	1014.7
	48 cis-1,3-Dichloropropene	75	5.905	5.906	(1.209)	137901	89.7205	897.20
	49 4-Methyl-2-pentanone	43	6.015	6.009	(1.232)	85292	93.2916	932.92
	50 Toluene	91	6.191	6.192	(0.839)	388795	90.5126	905.13
	51 trans-1,3-Dichloropropene	75	6.349	6.350	(0.861)	123224	85.0384	850.38
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.514	6.514	(0.883)	72922	92.0714	920.71
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.666	6.666	(0.904)	68609	93.5048	935.05
	56 2-Hexanone	43	6.708	6.709	(0.909)	56785	79.0669	790.67
	57 Dibromochloromethane	129	6.860	6.861	(0.930)	70876	86.1486	861.49(R)
	58 1,2-Dibromoethane	107	6.970	6.970	(0.945)	69049	91.6053	916.05
	59 Chlorobenzene	112	7.408	7.408	(1.004)	244808	97.6976	976.98
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.499	7.500	(1.016)	131540	100.711	1007.1
	62 m + p-Xylene	106	7.603	7.603	(1.031)	322240	199.736	1997.4
M	63 Xylenes (total)	106				476107	302.331	3023.3

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40619A.b\UX80405.D
Report Date: 21-Jun-2004 15:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
64 Xylene-o	106	7.968	7.968	(1.080)	153867	102.595	1025.9
65 Styrene	104	7.974	7.974	(1.081)	253216	99.5717	995.72
66 Bromoform	173	8.144	8.144	(1.104)	37418	84.9921	849.92
67 Isopropylbenzene	105	8.308	8.309	(1.126)	395613	109.901	1099.0
68 1,1,2,2-Tetrachloroethane	83	8.564	8.564	(0.896)	73124	92.0415	920.42
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.495	9.495	(0.994)	142408	99.7748	997.75
81 1,4-Dichlorobenzene	146	9.580	9.580	(1.003)	147753	102.799	1028.0
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.945	9.945	(1.041)	122040	94.0776	940.78
84 1,2-Dibromo-3-chloropropane	157	10.693	10.693	(1.119)	8024	69.6715	696.72
85 1,2,4-Trichlorobenzene	180	11.526	11.527	(1.206)	63690	78.2099	782.10
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.458	4.464	(0.913)	129501	78.1360	781.36
143 Methyl Acetate	43	2.991	2.992	(0.613)	61504	87.4873	874.87
144 Methylcyclohexane	83	5.334	5.334	(1.092)	147205	88.2114	882.11
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175475
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	96	(73 - 115)			SW846 8260B
	95	(73 - 115)	1.4	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	95	(77 - 114)			SW846 8260B
	94	(77 - 114)	1.4	(0-30)	SW846 8260B
Acetone	62	(58 - 130)			SW846 8260B
	60	(58 - 130)	3.0	(0-30)	SW846 8260B
Benzene	**96**	**(75 - 129)**			**SW846 8260B**
	95	**(75 - 129)**	**1.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	101	(72 - 125)			SW846 8260B
	98	(72 - 125)	2.9	(0-30)	SW846 8260B
Bromoform	101	(43 - 149)			SW846 8260B
	99	(43 - 149)	1.3	(0-30)	SW846 8260B
Bromomethane	96	(24 - 152)			SW846 8260B
	93	(24 - 152)	2.2	(0-30)	SW846 8260B
2-Butanone (MEK)	73	(27 - 200)			SW846 8260B
	71	(27 - 200)	3.2	(0-46)	SW846 8260B
Carbon disulfide	100	(50 - 137)			SW846 8260B
	98	(50 - 137)	2.0	(0-30)	SW846 8260B
Carbon tetrachloride	106	(57 - 137)			SW846 8260B
	102	(57 - 137)	3.4	(0-30)	SW846 8260B
n-Hexane	110	(57 - 130)			SW846 8260B
	106	(57 - 130)	3.2	(0-30)	SW846 8260B
Chlorobenzene	**92**	**(75 - 127)**			**SW846 8260B**
	93	**(75 - 127)**	**0.88**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	99	(49 - 135)			SW846 8260B
	98	(49 - 135)	1.4	(0-30)	SW846 8260B
Chloroethane	83	(31 - 144)			SW846 8260B
	81	(31 - 144)	2.1	(0-30)	SW846 8260B
Chloroform	101	(73 - 115)			SW846 8260B
	97	(73 - 115)	3.8	(0-30)	SW846 8260B
Chloromethane	101	(15 - 136)			SW846 8260B
	98	(15 - 136)	3.2	(0-30)	SW846 8260B
1,1-Dichloroethane	98	(77 - 119)			SW846 8260B
	95	(77 - 119)	2.1	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(78 - 121)			SW846 8260B
	102	(78 - 121)	1.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	98	(68 - 117)			SW846 8260B
	96	(68 - 117)	1.5	(0-30)	SW846 8260B
1,1-Dichloroethene	**102**	**(55 - 142)**			**SW846 8260B**
	98	**(55 - 142)**	**3.8**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	95	(78 - 116)			SW846 8260B
	90	(78 - 116)	5.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	97	(71 - 125)			SW846 8260B
	94	(71 - 125)	3.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	101	(67 - 125)			SW846 8260B
	100	(67 - 125)	1.8	(0-30)	SW846 8260B
Ethylbenzene	99	(79 - 114)			SW846 8260B
	94	(79 - 114)	5.2	(0-30)	SW846 8260B
2-Hexanone	73	(29 - 200)			SW846 8260B
	74	(29 - 200)	1.4	(0-41)	SW846 8260B
Methylene chloride	100	(58 - 130)			SW846 8260B
	97	(58 - 130)	3.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	88	(68 - 142)			SW846 8260B
	88	(68 - 142)	0.46	(0-60)	SW846 8260B
Styrene	97	(80 - 114)			SW846 8260B
	93	(80 - 114)	3.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	99	(70 - 133)			SW846 8260B
	98	(70 - 133)	0.40	(0-30)	SW846 8260B
Tetrachloroethene	95	(72 - 120)			SW846 8260B
	92	(72 - 120)	3.1	(0-30)	SW846 8260B
Toluene	**97**	**(71 - 130)**			**SW846 8260B**
	95	**(71 - 130)**	**1.6**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	102	(67 - 123)			SW846 8260B
	101	(67 - 123)	1.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	93	(82 - 116)			SW846 8260B
	94	(82 - 116)	1.2	(0-30)	SW846 8260B
Trichloroethene	**94**	**(70 - 131)**			**SW846 8260B**
	92	**(70 - 131)**	**1.9**	**(0-23)**	**SW846 8260B**
Vinyl chloride	98	(24 - 152)			SW846 8260B
	96	(24 - 152)	2.2	(0-30)	SW846 8260B
Xylenes (total)	97	(80 - 114)			SW846 8260B
	94	(80 - 114)	3.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	84	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	83	(61 - 130)
Toluene-d8	96	(60 - 143)
	88	(60 - 143)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	86	(47 - 158)
	83	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175475
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	96	ug/kg	96		SW846 8260B
	100	95	ug/kg	95	1.4	SW846 8260B
cis-1,2-Dichloroethene	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	94	1.4	SW846 8260B
Acetone	50	31	ug/kg	62		SW846 8260B
	50	30	ug/kg	60	3.0	SW846 8260B
Benzene	**50**	**48**	**ug/kg**	**96**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**1.2**	**SW846 8260B**
Bromodichloromethane	50	50	ug/kg	101		SW846 8260B
	50	49	ug/kg	98	2.9	SW846 8260B
Bromoform	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	99	1.3	SW846 8260B
Bromomethane	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	93	2.2	SW846 8260B
2-Butanone (MEK)	50	37	ug/kg	73		SW846 8260B
	50	35	ug/kg	71	3.2	SW846 8260B
Carbon disulfide	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	2.0	SW846 8260B
Carbon tetrachloride	50	53	ug/kg	106		SW846 8260B
	50	51	ug/kg	102	3.4	SW846 8260B
n-Hexane	50	55	ug/kg	110		SW846 8260B
	50	53	ug/kg	106	3.2	SW846 8260B
Chlorobenzene	**50**	**46**	**ug/kg**	**92**		**SW846 8260B**
	50	**46**	**ug/kg**	**93**	**0.88**	**SW846 8260B**
Dibromochloromethane	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.4	SW846 8260B
Chloroethane	50	41	ug/kg	83		SW846 8260B
	50	41	ug/kg	81	2.1	SW846 8260B
Chloroform	50	50	ug/kg	101		SW846 8260B
	50	49	ug/kg	97	3.8	SW846 8260B
Chloromethane	50	50	ug/kg	101		SW846 8260B
	50	49	ug/kg	98	3.2	SW846 8260B
1,1-Dichloroethane	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.1	SW846 8260B
1,2-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	1.8	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	96	1.5	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**3.8**	**SW846 8260B**
1,2-Dichloropropane	50	48	ug/kg	95		SW846 8260B
	50	45	ug/kg	90	5.4	SW846 8260B
cis-1,3-Dichloropropene	50	49	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	3.6	SW846 8260B
trans-1,3-Dichloropropene	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	1.8	SW846 8260B
Ethylbenzene	50	50	ug/kg	99		SW846 8260B
	50	47	ug/kg	94	5.2	SW846 8260B
2-Hexanone	50	37	ug/kg	73		SW846 8260B
	50	37	ug/kg	74	1.4	SW846 8260B
Methylene chloride	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	97	3.4	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	44	ug/kg	88		SW846 8260B
	50	44	ug/kg	88	0.46	SW846 8260B
Styrene	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	93	3.7	SW846 8260B
1,1,2,2-Tetrachloroethane	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	0.40	SW846 8260B
Tetrachloroethene	50	47	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.1	SW846 8260B
Toluene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**1.6**	**SW846 8260B**
1,1,1-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	101	1.1	SW846 8260B
1,1,2-Trichloroethane	50	47	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	1.2	SW846 8260B
Trichloroethene	**50**	**47**	**ug/kg**	**94**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**1.9**	**SW846 8260B**
Vinyl chloride	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	96	2.2	SW846 8260B
Xylenes (total)	150	150	ug/kg	97		SW846 8260B
	150	140	ug/kg	94	3.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	84	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	83	(61 - 130)
Toluene-d8	96	(60 - 143)
	88	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-475 GJV3L1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	86	(47 - 158)
	83	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94002.D

Date : 22-JUN-2004 21:13

Client ID: GJV3C1AC

Instrument: a3ux9.i

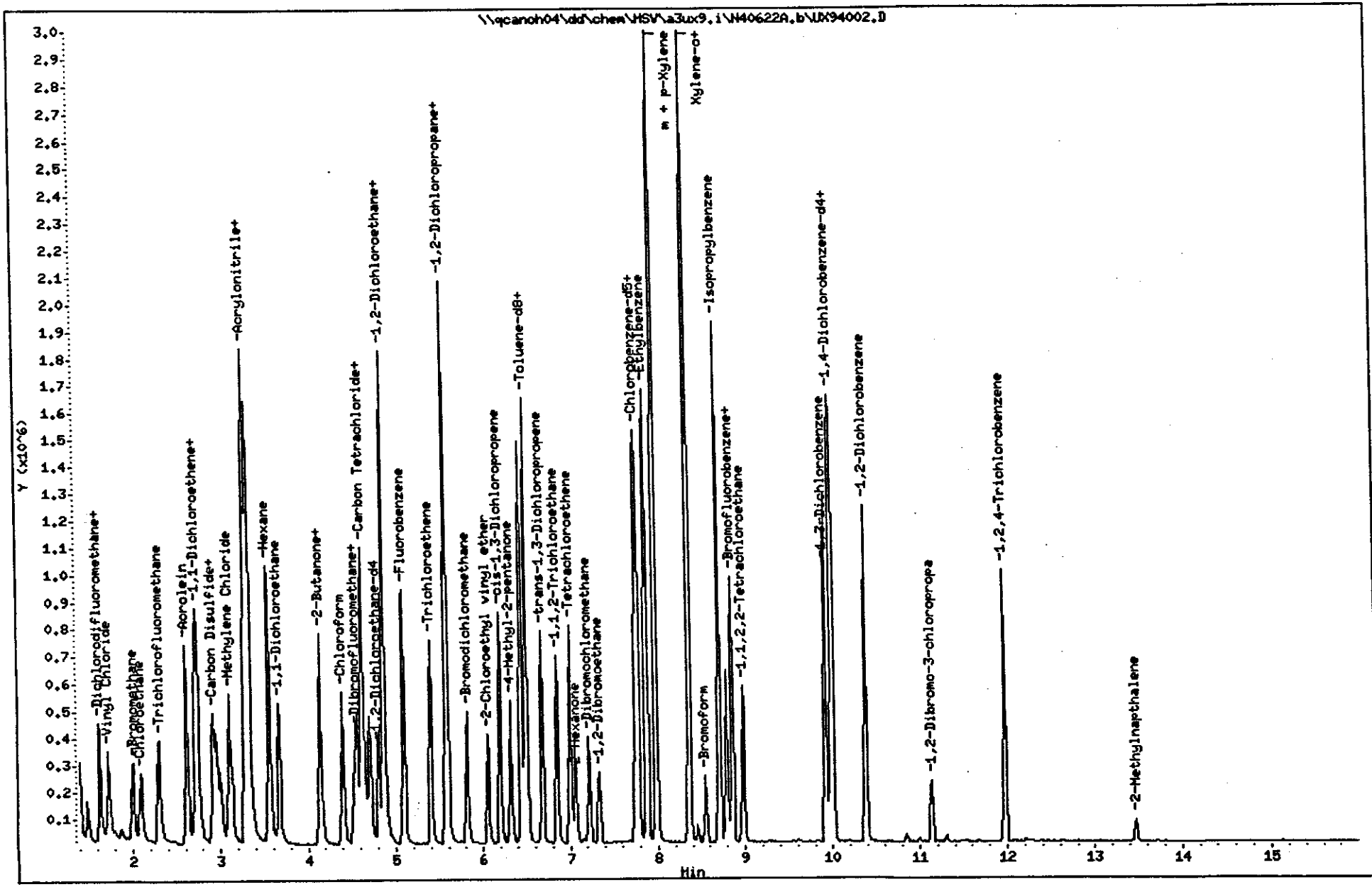
Sample Info: SCHECK

Operator: 1819

Purge Volume: 5.0

Column diameter: 0.53

Column phase: DB624 75m



STL North Canton

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94002.D
Lab Smp Id: GJV3L1AC
Inj Date : 22-JUN-2004 21:13
Operator : 1819 Inst ID: a3ux9.i
Smp Info : SCHECK
Misc Info : N40622A,8260SUX9-3,,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
* 1 Fluorobenzene	96	5.097	5.085	(1.000)	912748	250.000	
* 2 Chlorobenzene-d5	117	7.759	7.747	(1.000)	660386	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.983	9.984	(1.000)	330353	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	267582	214.939	42.988
$ 5 Toluene-d8	98	6.445	6.446	(0.831)	984987	239.749	47.950
$ 6 Bromofluorobenzene	95	8.859	8.860	(1.142)	345914	215.632	43.126
$ 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	196900	221.141	44.228
8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	187417	261.307	52.261
9 Chloromethane	50	1.618	1.618	(0.317)	502043	252.363	50.473
10 Vinyl Chloride	62	1.724	1.724	(0.338)	444850	246.118	49.224
11 Bromomethane	94	2.008	1.997	(0.394)	245498	238.937	47.787
12 Chloroethane	64	2.091	2.091	(0.410)	280275	206.884	41.377
13 Trichlorofluoromethane	101	2.304	2.292	(0.452)	379424	251.981	50.396
14 Acrolein	56	2.612	2.612	(0.512)	770905	2449.48	489.90(A)
16 1,1-Dichloroethene	96	2.718	2.718	(0.533)	245188	255.077	51.015
15 Acetone	43	2.730	2.730	(0.536)	155199	155.370	31.074
54 Freon-113	151	2.742	2.742	(0.538)	196322	294.468	58.894
56 Iodomethane	142	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	18 Carbon Disulfide	76	2.919	2.920	(0.573)	865781	250.944	50.189
	55 Acetonitrile	41	2.955	2.955	(0.580)	528923	2355.18	471.04(A)
	17 Methylene Chloride	84	3.097	3.097	(0.608)	285996	251.223	50.244
	19 Acrylonitrile	53	3.286	3.286	(0.645)	1628321	2478.18	495.64(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	705913	200.250	40.050
	84 Hexane	57	3.546	3.547	(0.696)	589972	274.185	54.837
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	556476	243.754	48.751
	23 2-Butanone	43	4.138	4.126	(0.812)	212785	183.018	36.604
	20 trans-1,2-Dichloroethene	96	3.333	3.334	(0.654)	261701	243.906	48.781
	24 cis-1,2-dichloroethene	96	4.138	4.138	(0.812)	269543	237.937	47.587
M	25 1,2-Dichloroethene (total)	96				531244	481.843	96.369
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	4.398	4.399	(0.863)	394429	252.380	50.476
	27 1,1,1-Trichloroethane	97	4.564	4.564	(0.896)	315191	254.699	50.940
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	4.706	4.706	(0.923)	255733	264.880	52.976
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	412865	249.883	49.977
	30 Benzene	78	4.872	4.872	(0.956)	1104995	241.132	48.226
	31 Trichloroethene	130	5.404	5.404	(1.060)	247215	235.568	47.114
	32 1,2-Dichloropropane	63	5.593	5.582	(1.098)	344768	238.494	47.699
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	5.818	5.819	(1.142)	302506	252.319	50.464
	34 2-Chloroethyl vinyl ether	63	6.055	6.055	(1.188)	170215	243.753	48.751
	36 cis-1,3-Dichloropropene	75	6.197	6.197	(1.216)	405595	242.676	48.535
	35 4-Methyl-2-pentanone	43	6.315	6.316	(1.239)	428248	221.088	44.218
	37 Toluene	91	6.505	6.505	(0.838)	1175330	241.948	48.390
	38 trans-1,3-Dichloropropene	75	6.682	6.682	(0.861)	352610	253.346	50.669
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.883)	216158	233.165	46.633
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	7.002	7.002	(0.902)	177455	236.763	47.352
	39 2-Hexanone	43	7.061	7.061	(0.910)	306685	183.066	36.613
	42 Dibromochloromethane	129	7.215	7.215	(0.930)	206169	248.340	49.668
	66 1,2-Dibromoethane	107	7.333	7.333	(0.945)	218112	247.006	49.401
	43 Chlorobenzene	112	7.783	7.783	(1.003)	720133	230.263	46.053
	44 Ethylbenzene	106	7.877	7.877	(1.015)	425911	247.700	49.540
	45 m + p-Xylene	106	7.984	7.984	(1.029)	1051847	488.193	97.638
	46 Xylene-o	106	8.362	8.363	(1.078)	515249	241.377	48.275
M	47 Xylenes (total)	106				1567096	729.570	145.91
	48 Styrene	104	8.374	8.374	(1.079)	874435	242.454	48.491
	49 Bromoform	173	8.552	8.552	(1.102)	126275	251.608	50.322
	89 Isopropylbenzene	105	8.706	8.706	(1.122)	1306650	259.580	51.916
	50 1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	327369	246.479	49.296
	90 Bromobenzene	156	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	9.924	9.925	(0.994)	554547	226.837	45.367
52 1,4-Dichlorobenzene	146	10.007	10.007	(1.002)	570070	227.220	45.444
53 1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	528102	221.829	44.366
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	11.971	11.972	(1.199)	326125	228.951	45.790
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	11.143	11.143	(1.116)	58360	247.723	49.545
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	8.788	8.788	(1.133)	344372	3425.93	685.19(A)
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	3.002	3.002	(0.589)	312337	250.686	50.137
139 Methylcyclohexane	83	5.582	5.570	(1.095)	498872	246.838	49.368
83 Cyclohexane	56	4.623	4.623	(0.907)	731529	251.142	50.228
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	13.474	13.474	(1.350)	53481	24.2251	4.845(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94004.D

Date : 22-JUN-2004 22:02

Client ID: GJV3L1AD

Sample Info: SCHECK

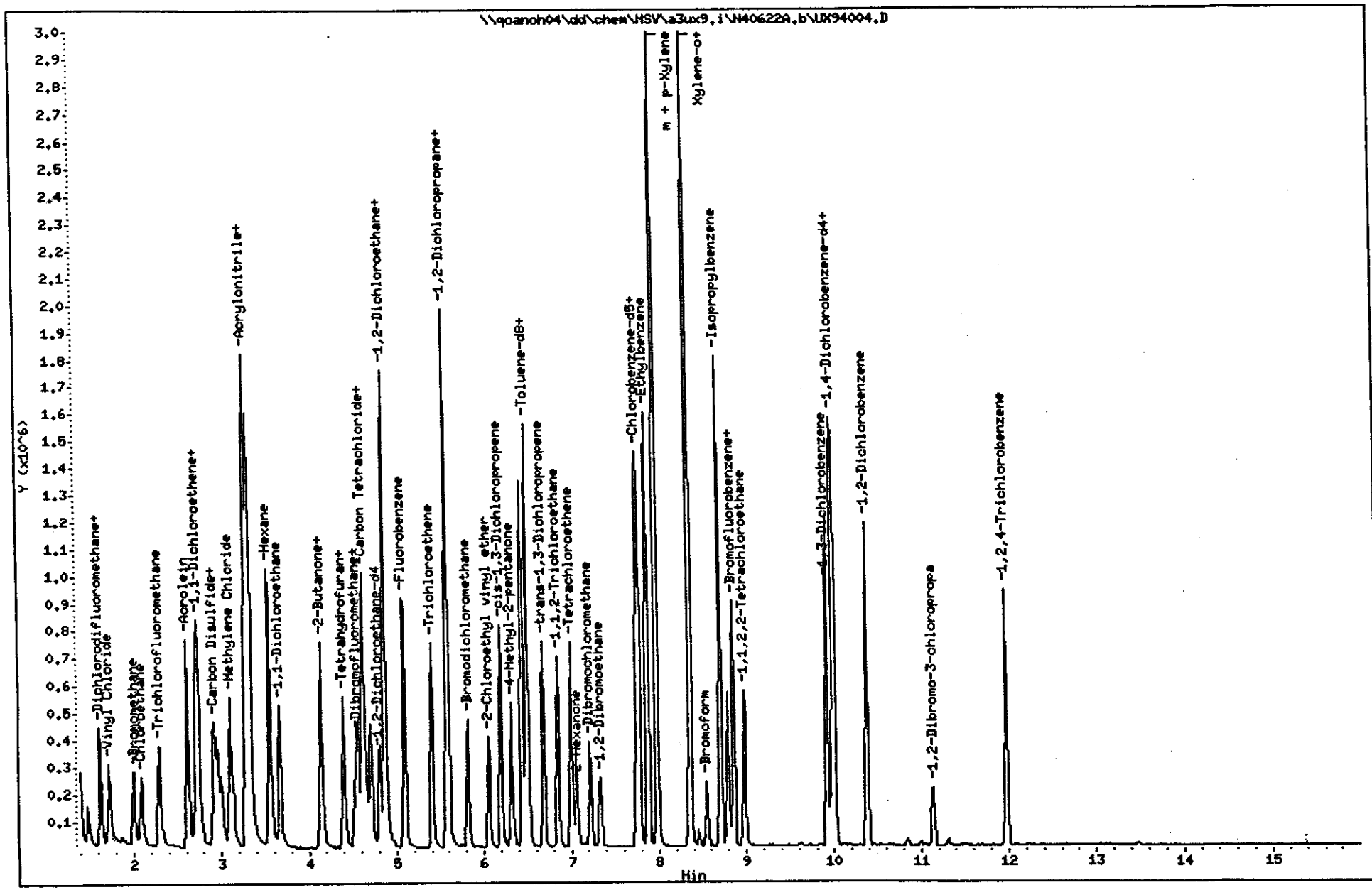
Purge Volume: 5.0

Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94004.D
Lab Smp Id: GJV3L1AD
Inj Date : 22-JUN-2004 22:02
Operator : 1819 Inst ID: a3ux9.i
Smp Info : SCHECK
Misc Info : N40622A,8260SUX9-3,,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
*	1 Fluorobenzene	96	5.097	5.085	(1.000)	904571	250.000	
*	2 Chlorobenzene-d5	117	7.748	7.747	(1.000)	650360	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	314268	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	255746	207.288	41.458
$	5 Toluene-d8	98	6.446	6.446	(0.832)	895772	220.227	44.045
$	6 Bromofluorobenzene	95	8.860	8.860	(1.144)	329413	207.698	41.540
$	7 Dibromofluoromethane	113	4.529	4.529	(0.889)	185719	210.469	42.094
	8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	182815	257.194	51.439
	9 Chloromethane	50	1.618	1.618	(0.318)	481607	244.279	48.856
	10 Vinyl Chloride	62	1.725	1.724	(0.338)	431481	240.879	48.176
	11 Bromomethane	94	2.009	1.997	(0.394)	237960	233.694	46.739
	12 Chloroethane	64	2.092	2.091	(0.410)	272021	202.606	40.521
	13 Trichlorofluoromethane	101	2.305	2.292	(0.452)	364783	244.447	48.889
	14 Acrolein	56	2.612	2.612	(0.513)	770421	2470.07	494.01(A)
	16 1,1-Dichloroethene	96	2.719	2.718	(0.533)	233979	245.616	49.123
	15 Acetone	43	2.731	2.730	(0.536)	149234	150.749	30.150
	54 Freon-113	151	2.742	2.742	(0.538)	183049	277.042	55.408
	56 Iodomethane	142	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	18 Carbon Disulfide	76	2.920	2.920	(0.573)	840857	245.923	49.185
	55 Acetonitrile	41	2.955	2.955	(0.580)	500597	2249.20	449.84(A)
	17 Methylene Chloride	84	3.097	3.097	(0.608)	274686	242.920	48.584
	19 Acrylonitrile	53	3.287	3.286	(0.645)	1609102	2471.06	494.21(A)
	78 Methyl tert-butyl ether	73	3.322	3.322	(0.652)	691048	197.805	39.561
	84 Hexane	57	3.547	3.547	(0.696)	565956	265.401	53.080
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	3.665	3.665	(0.719)	540147	238.740	47.748
	23 2-Butanone	43	4.139	4.126	(0.812)	204344	177.347	35.469
	20 trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	255472	240.253	48.051
	24 cis-1,2-dichloroethene	96	4.139	4.138	(0.812)	263479	234.687	46.937
M	25 1,2-Dichloroethene (total)	96				518951	474.940	94.988
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	4.399	4.375	(0.863)	5229	3.91897	0.7838
	26 Chloroform	83	4.399	4.399	(0.863)	376151	242.860	48.572
	27 1,1,1-Trichloroethane	97	4.565	4.564	(0.896)	309053	251.996	50.399
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	4.707	4.706	(0.923)	245036	256.095	51.219
	29 1,2-Dichloroethane	62	4.872	4.872	(0.956)	416646	254.451	50.890
	30 Benzene	78	4.872	4.872	(0.956)	1081749	238.193	47.638
	31 Trichloroethene	130	5.405	5.404	(1.060)	240351	231.098	46.220
	32 1,2-Dichloropropane	63	5.582	5.582	(1.095)	323791	226.008	45.202
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	5.819	5.819	(1.142)	291169	245.059	49.012
	34 2-Chloroethyl vinyl ether	63	6.056	6.055	(1.188)	178751	258.291	51.658
	36 cis-1,3-Dichloropropene	75	6.198	6.197	(1.216)	387870	234.168	46.834
	35 4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	422430	220.056	44.011
	37 Toluene	91	6.505	6.505	(0.840)	1138828	238.048	47.610
	38 trans-1,3-Dichloropropene	75	6.683	6.682	(0.863)	341164	248.901	49.780
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	215546	236.089	47.218
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	7.002	7.002	(0.904)	169483	229.613	45.922
	39 2-Hexanone	43	7.061	7.061	(0.911)	306362	185.692	37.138
	42 Dibromochloromethane	129	7.215	7.215	(0.931)	200161	244.820	48.964
	66 1,2-Dibromoethane	107	7.334	7.333	(0.947)	205730	236.575	47.315
	43 Chlorobenzene	112	7.783	7.783	(1.005)	715511	232.312	46.462
	44 Ethylbenzene	106	7.878	7.877	(1.017)	398118	235.105	47.021
	45 m + p-Xylene	106	7.984	7.984	(1.031)	1010884	476.414	95.283
	46 Xylene-o	106	8.363	8.363	(1.079)	481154	228.880	45.776
M	47 Xylenes (total)	106				1492038	705.293	141.06
	48 Styrene	104	8.375	8.374	(1.081)	829723	233.603	46.720
	49 Bromoform	173	8.552	8.552	(1.104)	122744	248.343	49.668
	89 Isopropylbenzene	105	8.706	8.706	(1.124)	1246698	251.488	50.298
	50 1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	310176	245.487	49.097
	90 Bromobenzene	156	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
68	1,2,3-Trichloropropane	75	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
92	n-Propylbenzene	120	Compound Not Detected.					
91	2-Chlorotoluene	126	Compound Not Detected.					
94	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93	4-Chlorotoluene	126	Compound Not Detected.					
95	tert-Butylbenzene	119	Compound Not Detected.					
96	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97	sec-Butylbenzene	105	Compound Not Detected.					
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	534460	229.810	45.962
52	1,4-Dichlorobenzene	146	10.008	10.007	(1.002)	547703	229.478	45.896
53	1,2-Dichlorobenzene	146	10.375	10.374	(1.039)	507325	224.008	44.802
98	4-Isopropyltoluene	119	Compound Not Detected.					
99	n-Butylbenzene	91	Compound Not Detected.					
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	298705	220.434	44.087
102	Hexachlorobutadiene	225	Compound Not Detected.					
101	Naphthalene	128	Compound Not Detected.					
103	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82	tert-Butyl Alcohol	59	Compound Not Detected.					
57	3-Chloropropene	76	Compound Not Detected.					
58	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59	Propionitrile	54	Compound Not Detected.					
60	Methacrylonitrile	41	Compound Not Detected.					
61	Isobutanol	41	Compound Not Detected.					
62	Methyl Methacrylate	41	Compound Not Detected.					
67	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72	1,2-Dibromo-3-chloropropane	157	11.144	11.143	(1.116)	54809	244.558	48.912
74	n-Butanol	56	Compound Not Detected.					
75	Ethyl Acetate	43	Compound Not Detected.					
76	Cyclohexanone	55	8.789	8.788	(1.134)	301728	3047.97	609.59(A)
77	Ethyl Ether	59	Compound Not Detected.					
80	Dichlorofluoromethane	67	Compound Not Detected.					
81	2-Nitropropane	41	Compound Not Detected.					
85	Isopropyl Ether	87	Compound Not Detected.					
138	Methyl Acetate	43	3.003	3.002	(0.589)	311230	252.055	50.411
139	Methylcyclohexane	83	5.582	5.570	(1.095)	468416	233.864	46.773
83	Cyclohexane	56	4.624	4.623	(0.907)	705190	244.288	48.858
137	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147	2-Methylnapthalene	142	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD
Prep Date.....: 06/24/04 **Analysis Date..:** 06/24/04
Prep Batch #...: 4177561
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,2-Dichloroethene	88	(77 - 114)			SW846 8260B
	92	(77 - 114)	4.7	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(73 - 115)			SW846 8260B
	93	(73 - 115)	3.9	(0-30)	SW846 8260B
Acetone	64	(58 - 130)			SW846 8260B
	63	(58 - 130)	1.2	(0-30)	SW846 8260B
Benzene	**92**	**(75 - 129)**			**SW846 8260B**
	92	**(75 - 129)**	**0.20**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	95	(72 - 125)			SW846 8260B
	97	(72 - 125)	1.9	(0-30)	SW846 8260B
Bromoform	99	(43 - 149)			SW846 8260B
	96	(43 - 149)	2.8	(0-30)	SW846 8260B
Bromomethane	84	(24 - 152)			SW846 8260B
	87	(24 - 152)	3.2	(0-30)	SW846 8260B
2-Butanone (MEK)	66	(27 - 200)			SW846 8260B
	68	(27 - 200)	2.7	(0-46)	SW846 8260B
Carbon disulfide	93	(50 - 137)			SW846 8260B
	94	(50 - 137)	0.91	(0-30)	SW846 8260B
Carbon tetrachloride	99	(57 - 137)			SW846 8260B
	99	(57 - 137)	0.51	(0-30)	SW846 8260B
n-Hexane	101	(57 - 130)			SW846 8260B
	100	(57 - 130)	1.2	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(75 - 127)**			**SW846 8260B**
	91	**(75 - 127)**	**2.6**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	97	(49 - 135)			SW846 8260B
	95	(49 - 135)	2.2	(0-30)	SW846 8260B
Chloroethane	76	(31 - 144)			SW846 8260B
	78	(31 - 144)	3.1	(0-30)	SW846 8260B
Chloroform	96	(73 - 115)			SW846 8260B
	95	(73 - 115)	0.91	(0-30)	SW846 8260B
Chloromethane	90	(15 - 136)			SW846 8260B
	90	(15 - 136)	0.94	(0-30)	SW846 8260B
1,1-Dichloroethane	95	(77 - 119)			SW846 8260B
	94	(77 - 119)	0.71	(0-30)	SW846 8260B
1,2-Dichloroethane	95	(78 - 121)			SW846 8260B
	96	(78 - 121)	1.8	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	90	(68 - 117)			SW846 8260B
	93	(68 - 117)	3.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**95**	**(55 - 142)**			**SW846 8260B**
	97	**(55 - 142)**	**1.5**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	89	(78 - 116)			SW846 8260B
	90	(78 - 116)	0.24	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	91	(71 - 125)			SW846 8260B
	91	(71 - 125)	0.15	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	97	(67 - 125)			SW846 8260B
	97	(67 - 125)	0.14	(0-30)	SW846 8260B
Ethylbenzene	97	(79 - 114)			SW846 8260B
	95	(79 - 114)	2.5	(0-30)	SW846 8260B
2-Hexanone	70	(29 - 200)			SW846 8260B
	73	(29 - 200)	4.5	(0-41)	SW846 8260B
Methylene chloride	92	(58 - 130)			SW846 8260B
	93	(58 - 130)	1.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	80	(68 - 142)			SW846 8260B
	83	(68 - 142)	4.7	(0-60)	SW846 8260B
Styrene	96	(80 - 114)			SW846 8260B
	95	(80 - 114)	1.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(70 - 133)			SW846 8260B
	102	(70 - 133)	0.65	(0-30)	SW846 8260B
Tetrachloroethene	91	(72 - 120)			SW846 8260B
	91	(72 - 120)	0.89	(0-30)	SW846 8260B
Toluene	**97**	**(71 - 130)**			**SW846 8260B**
	97	**(71 - 130)**	**0.51**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	98	(67 - 123)			SW846 8260B
	101	(67 - 123)	2.9	(0-30)	SW846 8260B
1,1,2-Trichloroethane	91	(82 - 116)			SW846 8260B
	91	(82 - 116)	0.10	(0-30)	SW846 8260B
Trichloroethene	**90**	**(70 - 131)**			**SW846 8260B**
	88	**(70 - 131)**	**2.8**	**(0-23)**	**SW846 8260B**
Vinyl chloride	88	(24 - 152)			SW846 8260B
	89	(24 - 152)	0.76	(0-30)	SW846 8260B
Xylenes (total)	97	(80 - 114)			SW846 8260B
	93	(80 - 114)	4.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
	76	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
	80	(61 - 130)
Toluene-d8	86	(60 - 143)
	81	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	80	(47 - 158)
	71	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD
Prep Date.....: 06/24/04 **Analysis Date..:** 06/24/04
Prep Batch #...: 4177561
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
cis-1,2-Dichloroethene	50	44	ug/kg	88		SW846 8260B
	50	46	ug/kg	92	4.7	SW846 8260B
1,2-Dichloroethene (total)	100	89	ug/kg	89		SW846 8260B
	100	93	ug/kg	93	3.9	SW846 8260B
Acetone	50	32	ug/kg	64		SW846 8260B
	50	32	ug/kg	63	1.2	SW846 8260B
Benzene	**50**	**46**	**ug/kg**	**92**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**0.20**	**SW846 8260B**
Bromodichloromethane	50	47	ug/kg	95		SW846 8260B
	50	48	ug/kg	97	1.9	SW846 8260B
Bromoform	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	2.8	SW846 8260B
Bromomethane	50	42	ug/kg	84		SW846 8260B
	50	44	ug/kg	87	3.2	SW846 8260B
2-Butanone (MEK)	50	33	ug/kg	66		SW846 8260B
	50	34	ug/kg	68	2.7	SW846 8260B
Carbon disulfide	50	47	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	0.91	SW846 8260B
Carbon tetrachloride	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	99	0.51	SW846 8260B
n-Hexane	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	1.2	SW846 8260B
Chlorobenzene	**50**	**47**	**ug/kg**	**94**		**SW846 8260B**
	50	**46**	**ug/kg**	**91**	**2.6**	**SW846 8260B**
Dibromochloromethane	50	49	ug/kg	97		SW846 8260B
	50	48	ug/kg	95	2.2	SW846 8260B
Chloroethane	50	38	ug/kg	76		SW846 8260B
	50	39	ug/kg	78	3.1	SW846 8260B
Chloroform	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	95	0.91	SW846 8260B
Chloromethane	50	45	ug/kg	90		SW846 8260B
	50	45	ug/kg	90	0.94	SW846 8260B
1,1-Dichloroethane	50	47	ug/kg	95		SW846 8260B
	50	47	ug/kg	94	0.71	SW846 8260B
1,2-Dichloroethane	50	47	ug/kg	95		SW846 8260B
	50	48	ug/kg	96	1.8	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	45	ug/kg	90		SW846 8260B
	50	47	ug/kg	93	3.2	SW846 8260B
1,1-Dichloroethene	**50**	**48**	**ug/kg**	**95**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**1.5**	**SW846 8260B**
1,2-Dichloropropane	50	45	ug/kg	89		SW846 8260B
	50	45	ug/kg	90	0.24	SW846 8260B
cis-1,3-Dichloropropene	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	91	0.15	SW846 8260B
trans-1,3-Dichloropropene	50	48	ug/kg	97		SW846 8260B
	50	48	ug/kg	97	0.14	SW846 8260B
Ethylbenzene	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	95	2.5	SW846 8260B
2-Hexanone	50	35	ug/kg	70		SW846 8260B
	50	36	ug/kg	73	4.5	SW846 8260B
Methylene chloride	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	93	1.5	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	40	ug/kg	80		SW846 8260B
	50	42	ug/kg	83	4.7	SW846 8260B
Styrene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	95	1.9	SW846 8260B
1,1,2,2-Tetrachloroethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.65	SW846 8260B
Tetrachloroethene	50	46	ug/kg	91		SW846 8260B
	50	45	ug/kg	91	0.89	SW846 8260B
Toluene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**0.51**	**SW846 8260B**
1,1,1-Trichloroethane	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	101	2.9	SW846 8260B
1,1,2-Trichloroethane	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	91	0.10	SW846 8260B
Trichloroethene	**50**	**45**	**ug/kg**	**90**		**SW846 8260B**
	50	**44**	**ug/kg**	**88**	**2.8**	**SW846 8260B**
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	44	ug/kg	89	0.76	SW846 8260B
Xylenes (total)	150	150	ug/kg	97		SW846 8260B
	150	140	ug/kg	93	4.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
	76	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
	80	(61 - 130)
Toluene-d8	86	(60 - 143)
	81	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-561 GJ3251AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	80	(47 - 158)
	71	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40624A.b\UX94043.D

Date : 24-JUN-2004 21:08

Client ID: GJ3251AC

Sample Info: SCHECK

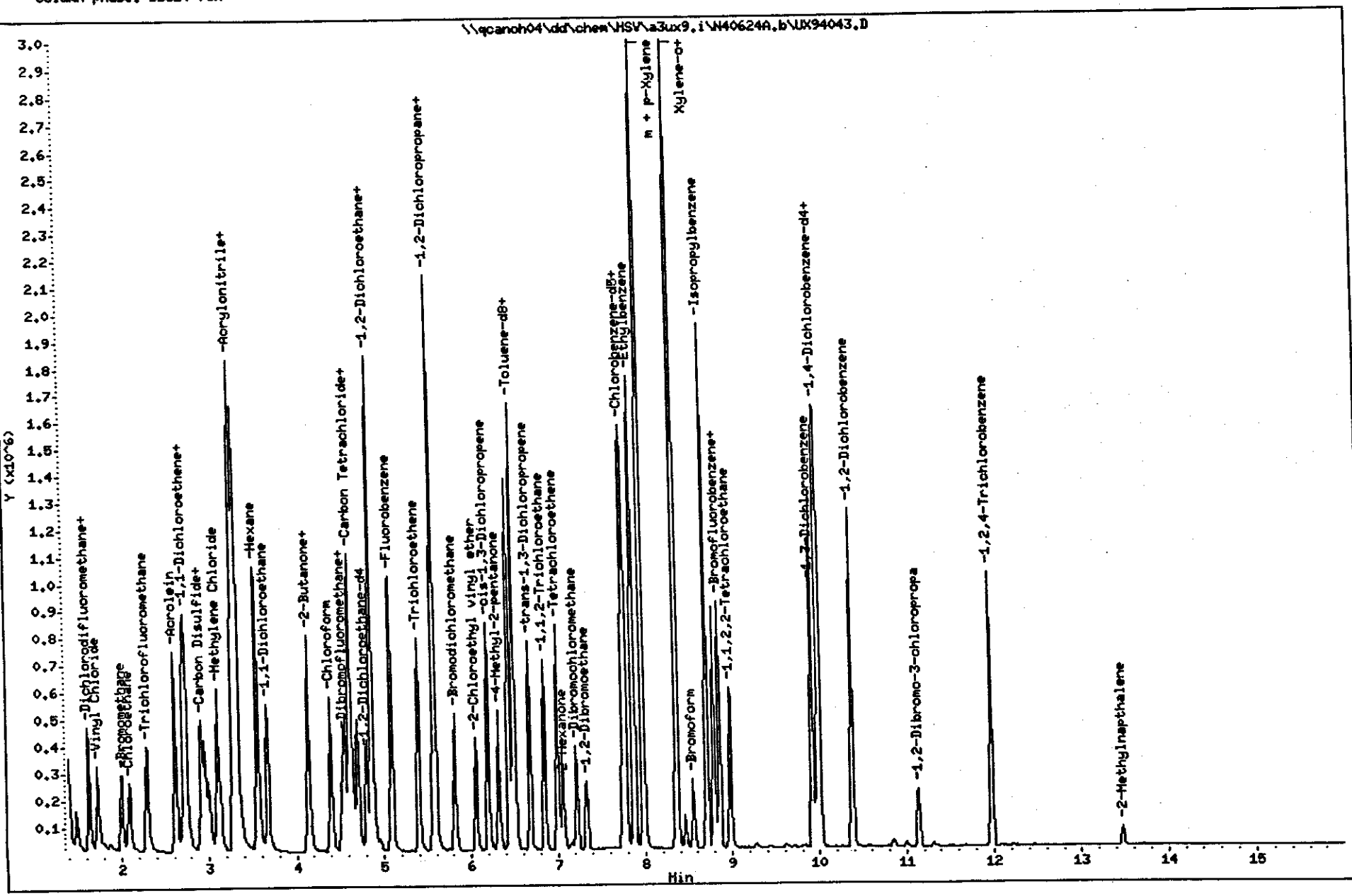
Purge Volume: 5.0

Column phase: DB624 75m

Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94043.D
Lab Smp Id: GJ3251AC
Inj Date : 24-JUN-2004 21:08
Operator : 1819 Inst ID: a3ux9.i
Smp Info : SCHECK
Misc Info : N40624A,8260SUX9-3,,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
*	1 Fluorobenzene	96	5.097	5.097	(1.000)	996614	250.000	
*	2 Chlorobenzene-d5	117	7.747	7.748	(1.000)	683657	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	320232	250.000	
$	4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	274657	202.056	40.411
$	5 Toluene-d8	98	6.446	6.446	(0.832)	921308	215.144	43.029
$	6 Bromofluorobenzene	95	8.860	8.860	(1.144)	333026	198.807	39.761
$	7 Dibromofluoromethane	113	4.529	4.529	(0.889)	190811	196.268	39.254
	8 Dichlorodifluoromethane	85	1.476	1.476	(0.290)	182908	233.560	46.712
	9 Chloromethane	50	1.618	1.618	(0.318)	491222	226.145	45.229
	10 Vinyl Chloride	62	1.724	1.725	(0.338)	434487	220.156	44.031
	11 Bromomethane	94	1.997	1.997	(0.392)	236905	211.170	42.234
	12 Chloroethane	64	2.091	2.091	(0.410)	280931	189.918	37.984
	13 Trichlorofluoromethane	101	2.304	2.293	(0.452)	388739	236.442	47.288
	14 Acrolein	56	2.612	2.612	(0.513)	752775	2190.60	438.12(A)
	16 1,1-Dichloroethene	96	2.718	2.719	(0.533)	249529	237.748	47.550
	15 Acetone	43	2.730	2.730	(0.536)	174076	159.603	31.920
	54 Freon-113	151	2.742	2.742	(0.538)	200064	274.829	54.966
	56 Iodomethane	142	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
18	Carbon Disulfide	76	2.919	2.920	(0.573)	879103	233.364	46.673
55	Acetonitrile	41	2.955	2.955	(0.580)	520512	2122.69	424.54(A)
17	Methylene Chloride	84	3.097	3.097	(0.608)	286325	228.848	45.770
19	Acrylonitrile	53	3.286	3.287	(0.645)	1614257	2250.03	450.01(A)
78	Methyl tert-butyl ether	73	3.322	3.322	(0.652)	707399	183.785	36.757
84	Hexane	57	3.547	3.547	(0.696)	595395	253.420	50.684
21	Vinyl acetate	43	Compound Not Detected.					
22	1,1-Dichloroethane	63	3.665	3.665	(0.719)	591538	237.308	47.462
23	2-Butanone	43	4.138	4.139	(0.812)	210139	165.533	33.106
20	trans-1,2-Dichloroethene	96	3.334	3.334	(0.654)	264516	225.784	45.157
24	cis-1,2-dichloroethene	96	4.138	4.139	(0.812)	271612	219.587	43.917
M 25	1,2-Dichloroethene (total)	96				536128	445.371	89.074
86	2,2-Dichloropropane	77	Compound Not Detected.					
111	Bromochloromethane	128	Compound Not Detected.					
79	Tetrahydrofuran	42	Compound Not Detected.					
26	Chloroform	83	4.399	4.399	(0.863)	409430	239.933	47.986
27	1,1,1-Trichloroethane	97	4.564	4.565	(0.896)	330520	244.610	48.922
87	1,1-Dichloropropene	75	Compound Not Detected.					
28	Carbon Tetrachloride	117	4.706	4.706	(0.923)	261506	248.067	49.613
29	1,2-Dichloroethane	62	4.872	4.872	(0.956)	427019	236.701	47.340
30	Benzene	78	4.872	4.872	(0.956)	1147091	229.253	45.851
31	Trichloroethene	130	5.404	5.405	(1.060)	257845	225.022	45.004
32	1,2-Dichloropropane	63	5.582	5.594	(1.095)	352436	223.282	44.656
63	1,4-Dioxane	88	Compound Not Detected.					
64	Dibromomethane	93	Compound Not Detected.					
33	Bromodichloromethane	83	5.819	5.819	(1.142)	310093	236.882	47.376
34	2-Chloroethyl vinyl ether	63	6.055	6.055	(1.188)	179078	234.865	46.973
36	cis-1,3-Dichloropropene	75	6.197	6.197	(1.216)	415974	227.942	45.588
35	4-Methyl-2-pentanone	43	6.316	6.316	(1.239)	420620	198.877	39.775
37	Toluene	91	6.505	6.505	(0.840)	1218292	242.256	48.451
38	trans-1,3-Dichloropropene	75	6.682	6.683	(0.863)	349207	242.360	48.472
65	Ethyl Methacrylate	69	Compound Not Detected.					
40	1,1,2-Trichloroethane	97	6.848	6.848	(0.884)	219062	228.254	45.651
88	1,3-Dichloropropane	76	Compound Not Detected.					
41	Tetrachloroethene	164	7.002	7.002	(0.904)	177402	228.635	45.727
39	2-Hexanone	43	7.061	7.061	(0.911)	302344	174.332	34.866
42	Dibromochloromethane	129	7.215	7.215	(0.931)	208814	242.965	48.593
66	1,2-Dibromoethane	107	7.333	7.333	(0.947)	218088	238.572	47.714
43	Chlorobenzene	112	7.783	7.783	(1.005)	758316	234.219	46.844
44	Ethylbenzene	106	7.877	7.878	(1.017)	431160	242.217	48.443
45	m + p-Xylene	106	7.984	7.984	(1.031)	1094013	490.479	98.096
46	Xylene-o	106	8.363	8.363	(1.079)	528063	238.960	47.792
M 47	Xylenes (total)	106				1622076	729.439	145.89
48	Styrene	104	8.374	8.375	(1.081)	899039	240.791	48.158
49	Bromoform	173	8.552	8.552	(1.104)	128265	246.874	49.375
89	Isopropylbenzene	105	8.706	8.706	(1.124)	1328965	255.026	51.005
50	1,1,2,2-Tetrachloroethane	83	8.978	8.978	(0.899)	331058	257.135	51.427
90	Bromobenzene	156	Compound Not Detected.					

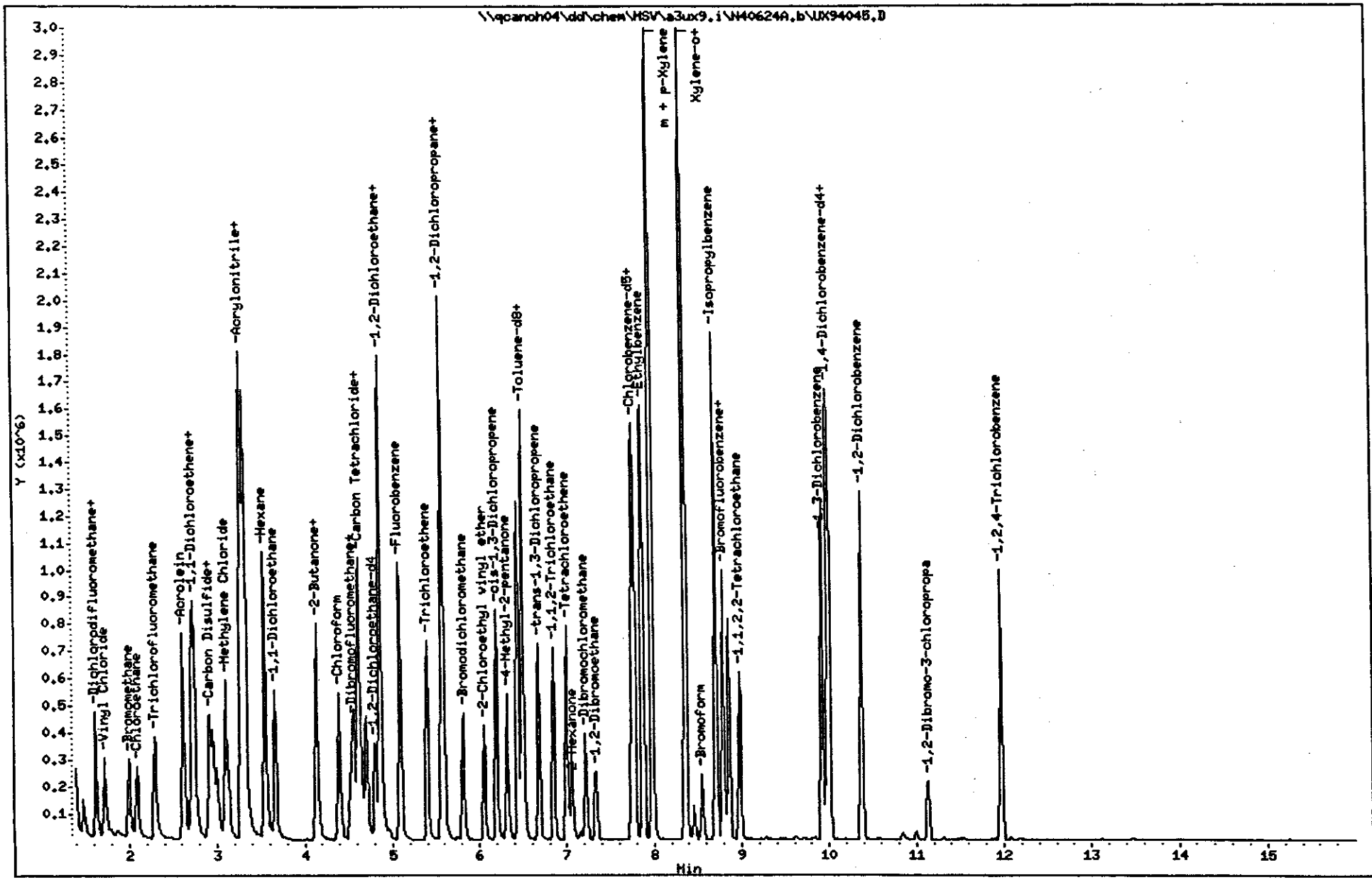
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
68	1,2,3-Trichloropropane	75	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
92	n-Propylbenzene	120	Compound Not Detected.					
91	2-Chlorotoluene	126	Compound Not Detected.					
94	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93	4-Chlorotoluene	126	Compound Not Detected.					
95	tert-Butylbenzene	119	Compound Not Detected.					
96	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97	sec-Butylbenzene	105	Compound Not Detected.					
51	1,3-Dichlorobenzene	146	9.925	9.925	(0.994)	570790	240.861	48.172
52	1,4-Dichlorobenzene	146	10.007	10.008	(1.002)	579969	238.472	47.694
53	1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	531119	230.147	46.029
98	4-Isopropyltoluene	119	Compound Not Detected.					
99	n-Butylbenzene	91	Compound Not Detected.					
100	1,2,4-Trichlorobenzene	180	11.972	11.972	(1.199)	327399	237.110	47.422
102	Hexachlorobutadiene	225	Compound Not Detected.					
101	Naphthalene	128	Compound Not Detected.					
103	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82	tert-Butyl Alcohol	59	Compound Not Detected.					
57	3-Chloropropene	76	Compound Not Detected.					
58	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59	Propionitrile	54	Compound Not Detected.					
60	Methacrylonitrile	41	Compound Not Detected.					
61	Isobutanol	41	Compound Not Detected.					
62	Methyl Methacrylate	41	Compound Not Detected.					
67	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72	1,2-Dibromo-3-chloropropane	157	11.143	11.144	(1.116)	52537	230.054	46.011
74	n-Butanol	56	Compound Not Detected.					
75	Ethyl Acetate	43	Compound Not Detected.					
76	Cyclohexanone	55	8.789	8.791	(1.134)	480800	4620.35	924.07(A)
77	Ethyl Ether	59	Compound Not Detected.					
80	Dichlorofluoromethane	67	Compound Not Detected.					
81	2-Nitropropane	41	Compound Not Detected.					
85	Isopropyl Ether	87	Compound Not Detected.					
138	Methyl Acetate	43	3.002	3.003	(0.589)	311846	229.229	45.846
139	Methylcyclohexane	83	5.582	5.582	(1.095)	502116	227.537	45.507
83	Cyclohexane	56	4.623	4.624	(0.907)	741997	233.299	46.660
137	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147	2-Methylnapthalene	142	13.474	13.477	(1.350)	49226	23.0024	4.600(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40624A.b\UX94045.D
Date : 24-JUN-2004 21:57
Client ID: GJ3251AD
Sample Info: SCHECK
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



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VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94045.D
Lab Smp Id: GJ3251AD
Inj Date : 24-JUN-2004 21:57 Inst ID: a3ux9.i
Operator : 1819
Smp Info : SCHECK
Misc Info : N40624A,8260SUX9-3,,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
* 1 Fluorobenzene	96	5.087	5.097	(1.000)	966471	250.000	
* 2 Chlorobenzene-d5	117	7.749	7.748	(1.000)	673183	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.985	9.984	(1.000)	324485	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.803	4.813	(0.944)	264979	201.016	40.203
$ 5 Toluene-d8	98	6.447	6.446	(0.832)	853116	201.411	40.282
$ 6 Bromofluorobenzene	95	8.861	8.860	(1.144)	296482	177.383	35.476
$ 7 Dibromofluoromethane	113	4.530	4.529	(0.891)	178223	189.038	37.808
8 Dichlorodifluoromethane	85	1.478	1.476	(0.291)	181620	239.148	47.830
9 Chloromethane	50	1.620	1.618	(0.318)	471904	224.027	44.805
10 Vinyl Chloride	62	1.726	1.725	(0.339)	424571	221.841	44.368
11 Bromomethane	94	1.998	1.997	(0.393)	237263	218.085	43.617
12 Chloroethane	64	2.093	2.091	(0.412)	281025	195.906	39.181
13 Trichlorofluoromethane	101	2.294	2.293	(0.451)	380397	238.584	47.717
14 Acrolein	56	2.614	2.612	(0.514)	759542	2279.22	455.84(A)
16 1,1-Dichloroethene	96	2.720	2.719	(0.535)	245663	241.365	48.273
15 Acetone	43	2.732	2.730	(0.537)	166802	157.703	31.541
54 Freon-113	151	2.744	2.742	(0.539)	192367	272.497	54.499
56 Iodomethane	142	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
18	Carbon Disulfide	76	2.921	2.920	(0.574)	860342	235.506	47.101
55	Acetonitrile	41	2.957	2.955	(0.581)	527202	2217.03	443.40(A)
17	Methylene Chloride	84	3.099	3.097	(0.609)	281543	232.300	46.460
19	Acrylonitrile	53	3.288	3.287	(0.646)	1635577	2350.85	470.17(A)
78	Methyl tert-butyl ether	73	3.323	3.322	(0.653)	694387	186.031	37.206
84	Hexane	57	3.548	3.547	(0.698)	570414	250.359	50.072
21	Vinyl acetate	43	Compound Not Detected.					
22	1,1-Dichloroethane	63	3.667	3.665	(0.721)	569580	235.625	47.125
23	2-Butanone	43	4.140	4.139	(0.814)	209313	170.025	34.005
20	trans-1,2-Dichloroethene	96	3.335	3.334	(0.656)	264761	233.042	46.608
24	cis-1,2-dichloroethene	96	4.140	4.139	(0.814)	276164	230.231	46.046
M 25	1,2-Dichloroethene (total)	96				540925	463.272	92.654
86	2,2-Dichloropropane	77	Compound Not Detected.					
111	Bromochloromethane	128	Compound Not Detected.					
79	Tetrahydrofuran	42	Compound Not Detected.					
26	Chloroform	83	4.400	4.399	(0.865)	393443	237.755	47.551
27	1,1,1-Trichloroethane	97	4.566	4.565	(0.898)	329954	251.807	50.361
87	1,1-Dichloropropene	75	Compound Not Detected.					
28	Carbon Tetrachloride	117	4.708	4.706	(0.926)	252294	246.792	49.358
29	1,2-Dichloroethane	62	4.874	4.872	(0.958)	421811	241.107	48.221
30	Benzene	78	4.874	4.872	(0.958)	1110126	228.785	45.757
31	Trichloroethene	130	5.406	5.405	(1.063)	243233	218.890	43.778
32	1,2-Dichloropropane	63	5.584	5.594	(1.098)	342601	223.821	44.764
63	1,4-Dioxane	88	Compound Not Detected.					
64	Dibromomethane	93	Compound Not Detected.					
33	Bromodichloromethane	83	5.820	5.819	(1.144)	306610	241.527	48.305
34	2-Chloroethyl vinyl ether	63	6.057	6.055	(1.191)	176131	238.205	47.641
36	cis-1,3-Dichloropropene	75	6.199	6.197	(1.219)	403998	228.284	45.657
35	4-Methyl-2-pentanone	43	6.317	6.316	(1.242)	427607	208.486	41.697
37	Toluene	91	6.507	6.505	(0.840)	1205849	243.512	48.702
38	trans-1,3-Dichloropropene	75	6.684	6.683	(0.863)	343351	242.004	48.401
65	Ethyl Methacrylate	69	Compound Not Detected.					
40	1,1,2-Trichloroethane	97	6.850	6.848	(0.884)	215474	228.009	45.602
88	1,3-Dichloropropane	76	Compound Not Detected.					
41	Tetrachloroethene	164	7.003	7.002	(0.904)	173130	226.601	45.320
39	2-Hexanone	43	7.063	7.061	(0.911)	311413	182.355	36.471
42	Dibromochloromethane	129	7.216	7.215	(0.931)	201101	237.631	47.526
66	1,2-Dibromoethane	107	7.335	7.333	(0.947)	212613	236.201	47.240
43	Chlorobenzene	112	7.784	7.783	(1.005)	727879	228.316	45.663
44	Ethylbenzene	106	7.879	7.878	(1.017)	414204	236.312	47.262
45	m + p-Xylene	106	7.986	7.984	(1.031)	1029597	468.782	93.756
46	Xylene-o	106	8.364	8.363	(1.079)	498615	229.144	45.829
M 47	Xylenes (total)	106				1528212	697.926	139.58
48	Styrene	104	8.364	8.375	(1.079)	868692	236.283	47.256
49	Bromoform	173	8.554	8.552	(1.104)	122849	240.129	48.026
89	Isopropylbenzene	105	8.707	8.706	(1.124)	1307844	254.878	50.976
50	1,1,2,2-Tetrachloroethane	83	8.980	8.978	(0.899)	333276	255.464	51.093
90	Bromobenzene	156	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
68	1,2,3-Trichloropropane	75	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
92	n-Propylbenzene	120	Compound Not Detected.					
91	2-Chlorotoluene	126	Compound Not Detected.					
94	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93	4-Chlorotoluene	126	Compound Not Detected.					
95	tert-Butylbenzene	119	Compound Not Detected.					
96	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97	sec-Butylbenzene	105	Compound Not Detected.					
51	1,3-Dichlorobenzene	146	9.926	9.925	(0.994)	556051	231.566	46.313
52	1,4-Dichlorobenzene	146	10.009	10.008	(1.002)	582135	236.225	47.245
53	1,2-Dichlorobenzene	146	10.376	10.374	(1.039)	538829	230.427	46.085
98	4-Isopropyltoluene	119	Compound Not Detected.					
99	n-Butylbenzene	91	Compound Not Detected.					
100	1,2,4-Trichlorobenzene	180	11.973	11.972	(1.199)	328706	234.936	46.987
102	Hexachlorobutadiene	225	Compound Not Detected.					
101	Naphthalene	128	Compound Not Detected.					
103	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82	tert-Butyl Alcohol	59	Compound Not Detected.					
57	3-Chloropropene	76	Compound Not Detected.					
58	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59	Propionitrile	54	Compound Not Detected.					
60	Methacrylonitrile	41	Compound Not Detected.					
61	Isobutanol	41	Compound Not Detected.					
62	Methyl Methacrylate	41	Compound Not Detected.					
67	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72	1,2-Dibromo-3-chloropropane	157	11.145	11.144	(1.116)	58710	253.716	50.743
74	n-Butanol	56	Compound Not Detected.					
75	Ethyl Acetate	43	Compound Not Detected.					
76	Cyclohexanone	55	8.790	8.791	(1.134)	506827	4946.25	989.25(A)
77	Ethyl Ether	59	Compound Not Detected.					
80	Dichlorofluoromethane	67	Compound Not Detected.					
81	2-Nitropropane	41	Compound Not Detected.					
85	Isopropyl Ether	87	Compound Not Detected.					
138	Methyl Acetate	43	3.004	3.003	(0.591)	312311	236.731	47.346
139	Methylcyclohexane	83	5.572	5.582	(1.095)	489216	228.605	45.721
83	Cyclohexane	56	4.625	4.624	(0.909)	723352	234.531	46.906
137	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147	2-Methylnapthalene	142	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	61	(22 - 200)			SW846 8260B
	49	(22 - 200)	21	(0-95)	SW846 8260B
Benzene	**109**	**(80 - 116)**			**SW846 8260B**
	110	**(80 - 116)**	**0.41**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	114	(87 - 130)			SW846 8260B
	111	(87 - 130)	2.4	(0-30)	SW846 8260B
Bromoform	120	(76 - 150)			SW846 8260B
	118	(76 - 150)	1.9	(0-30)	SW846 8260B
Bromomethane	103	(64 - 129)			SW846 8260B
	109	(64 - 129)	5.8	(0-30)	SW846 8260B
2-Butanone	65	(28 - 237)			SW846 8260B
	63	(28 - 237)	3.3	(0-65)	SW846 8260B
Carbon disulfide	106	(73 - 139)			SW846 8260B
	110	(73 - 139)	4.0	(0-30)	SW846 8260B
Carbon tetrachloride	125	(75 - 149)			SW846 8260B
	131	(75 - 149)	4.2	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(76 - 117)**			**SW846 8260B**
	96	**(76 - 117)**	**0.43**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	114	(81 - 138)			SW846 8260B
	112	(81 - 138)	1.7	(0-30)	SW846 8260B
Chloroethane	120	(66 - 126)			SW846 8260B
	112	(66 - 126)	6.4	(0-30)	SW846 8260B
Chloroform	111	(84 - 128)			SW846 8260B
	112	(84 - 128)	0.44	(0-30)	SW846 8260B
Chloromethane	122	(48 - 123)			SW846 8260B
	131 a	(48 - 123)	6.8	(0-30)	SW846 8260B
1,1-Dichloroethane	102	(86 - 123)			SW846 8260B
	102	(86 - 123)	0.11	(0-30)	SW846 8260B
1,2-Dichloroethane	115	(79 - 136)			SW846 8260B
	112	(79 - 136)	3.3	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	104	(85 - 113)			SW846 8260B
	104	(85 - 113)	0.080	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(79 - 120)			SW846 8260B
	108	(79 - 120)	2.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**115**	**(63 - 130)**			**SW846 8260B**
	115	**(63 - 130)**	**0.15**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethene (total)	104	(82 - 116)			SW846 8260B
	106	(82 - 116)	1.3	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	93	(82 - 115)			SW846 8260B
	93	(82 - 115)	0.46	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	105	(84 - 130)			SW846 8260B
	104	(84 - 130)	1.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	106	(84 - 130)			SW846 8260B
	102	(84 - 130)	3.5	(0-30)	SW846 8260B
Ethylbenzene	98	(86 - 116)			SW846 8260B
	98	(86 - 116)	0.090	(0-30)	SW846 8260B
2-Hexanone	82	(35 - 200)			SW846 8260B
	78	(35 - 200)	4.9	(0-52)	SW846 8260B
Methylene chloride	101	(78 - 118)			SW846 8260B
	99	(78 - 118)	2.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone	78	(78 - 141)			SW846 8260B
	76 a	(78 - 141)	2.0	(0-32)	SW846 8260B
Styrene	96	(85 - 117)			SW846 8260B
	96	(85 - 117)	0.13	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(85 - 118)			SW846 8260B
	81 a	(85 - 118)	15	(0-30)	SW846 8260B
Tetrachloroethene	104	(88 - 113)			SW846 8260B
	103	(88 - 113)	0.47	(0-30)	SW846 8260B
Toluene	**99**	**(74 - 119)**			**SW846 8260B**
	97	**(74 - 119)**	**1.9**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	118	(78 - 140)			SW846 8260B
	119	(78 - 140)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	98	(83 - 122)			SW846 8260B
	97	(83 - 122)	1.7	(0-30)	SW846 8260B
Trichloroethene	**106**	**(75 - 122)**			**SW846 8260B**
	110	**(75 - 122)**	**3.1**	**(0-20)**	**SW846 8260B**
Vinyl chloride	91	(61 - 120)			SW846 8260B
	102	(61 - 120)	11	(0-30)	SW846 8260B
Xylenes (total)	98	(87 - 116)			SW846 8260B
	99	(87 - 116)	0.33	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	101	(61 - 128)
Toluene-d8	91	(76 - 110)
	90	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)
	85	(74 - 116)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	10	6.1	ug/L	61		SW846 8260B
	10	4.9	ug/L	49	21	SW846 8260B
Benzene	**10**	**11**	**ug/L**	**109**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**0.41**	**SW846 8260B**
Bromodichloromethane	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	111	2.4	SW846 8260B
Bromoform	10	12	ug/L	120		SW846 8260B
	10	12	ug/L	118	1.9	SW846 8260B
Bromomethane	10	10	ug/L	103		SW846 8260B
	10	11	ug/L	109	5.8	SW846 8260B
2-Butanone	10	6.5	ug/L	65		SW846 8260B
	10	6.3	ug/L	63	3.3	SW846 8260B
Carbon disulfide	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	110	4.0	SW846 8260B
Carbon tetrachloride	10	13	ug/L	125		SW846 8260B
	10	13	ug/L	131	4.2	SW846 8260B
Chlorobenzene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**0.43**	**SW846 8260B**
Dibromochloromethane	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	112	1.7	SW846 8260B
Chloroethane	10	12	ug/L	120		SW846 8260B
	10	11	ug/L	112	6.4	SW846 8260B
Chloroform	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	112	0.44	SW846 8260B
Chloromethane	10	12	ug/L	122		SW846 8260B
	10	13 a	ug/L	131	6.8	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.11	SW846 8260B
1,2-Dichloroethane	10	12	ug/L	115		SW846 8260B
	10	11	ug/L	112	3.3	SW846 8260B
cis-1,2-Dichloroethene	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	104	0.080	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	105		SW846 8260B
	10	11	ug/L	108	2.6	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**115**		**SW846 8260B**
	10	**12**	**ug/L**	**115**	**0.15**	**SW846 8260B**
1,2-Dichloroethene (total)	20	21	ug/L	104		SW846 8260B
	20	21	ug/L	106	1.3	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.46	SW846 8260B
cis-1,3-Dichloropropene	10	10	ug/L	105		SW846 8260B
	10	10	ug/L	104	1.0	SW846 8260B
trans-1,3-Dichloropropene	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	102	3.5	SW846 8260B
Ethylbenzene	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.090	SW846 8260B
2-Hexanone	10	8.2	ug/L	82		SW846 8260B
	10	7.8	ug/L	78	4.9	SW846 8260B
Methylene chloride	10	10	ug/L	101		SW846 8260B
	10	9.9	ug/L	99	2.0	SW846 8260B
4-Methyl-2-pentanone	10	7.8	ug/L	78		SW846 8260B
	10	7.6 a	ug/L	76	2.0	SW846 8260B
Styrene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.13	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.5	ug/L	95		SW846 8260B
	10	8.1 a	ug/L	81	15	SW846 8260B
Tetrachloroethene	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	103	0.47	SW846 8260B
Toluene	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**1.9**	**SW846 8260B**
1,1,1-Trichloroethane	10	12	ug/L	118		SW846 8260B
	10	12	ug/L	119	1.2	SW846 8260B
1,1,2-Trichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.7	ug/L	97	1.7	SW846 8260B
Trichloroethene	**10**	**11**	**ug/L**	**106**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**3.1**	**SW846 8260B**
Vinyl chloride	10	9.1	ug/L	91		SW846 8260B
	10	10	ug/L	102	11	SW846 8260B
Xylenes (total)	30	29	ug/L	98		SW846 8260B
	30	30	ug/L	99	0.33	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
	101	(61 - 128)
Toluene-d8	91	(76 - 110)
	90	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)
	85	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

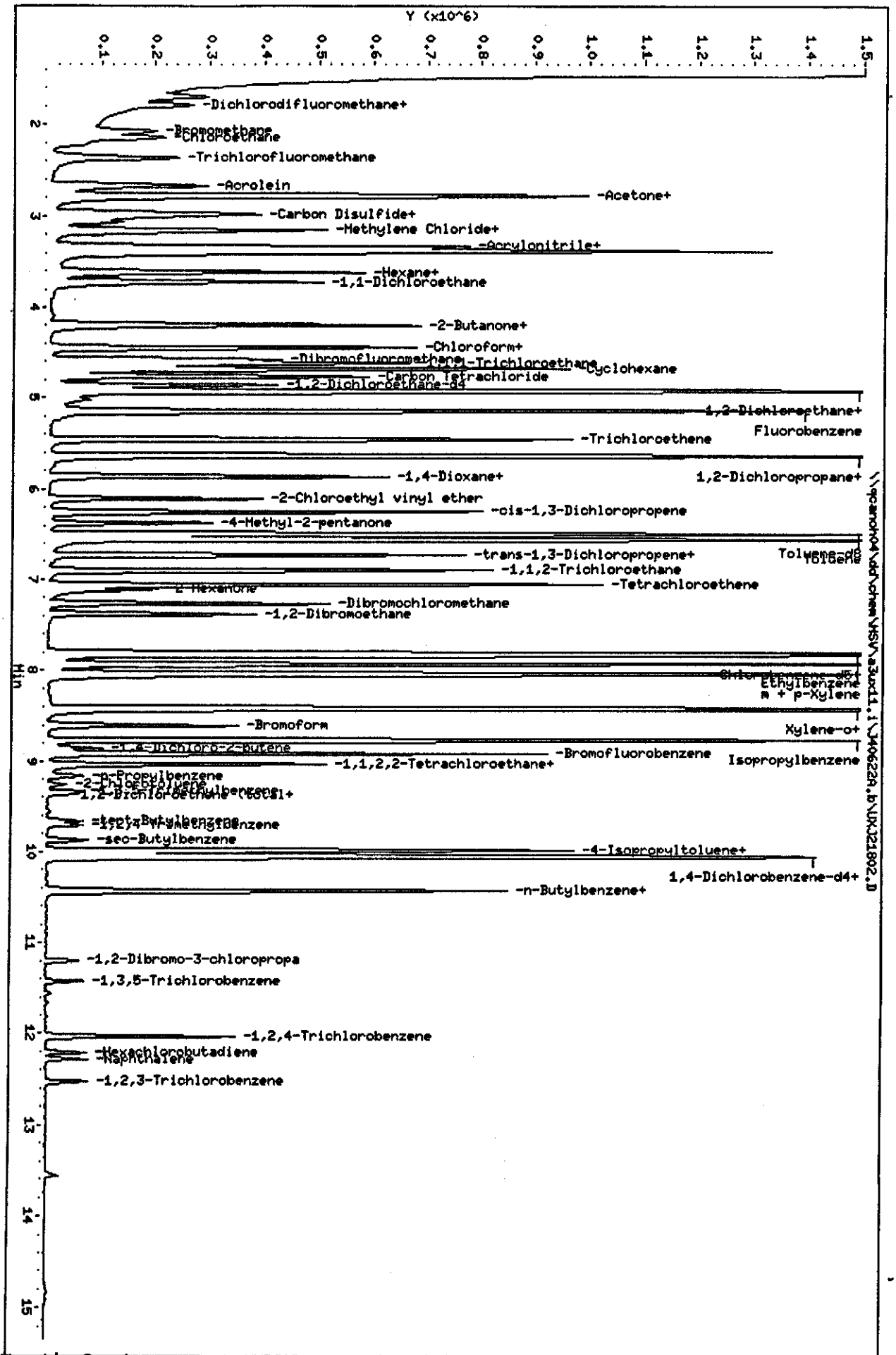
Client Lot #...: 4F12158 **Work Order #...:** GJR331AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F230000-141 GJR331AD-LCSD

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



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Client ID: GJP331AL
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ud1.i
Operator: 43582
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21802.D
Report Date: 23-Jun-2004 08:36

STL North Canton

VOLATILE REPORT SW-846 Method

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Inj Date : 22-JUN-2004 10:22
Operator : 43582 Inst ID: a3ux11.i
Smp Info : CHECK
Misc Info : J40622A,8260LLUX11,2-8260.SUB,43582,3
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 23-Jun-2004 08:35 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	5.148	5.147	(1.000)	1482565	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1049078	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	377819	50.0000	
$	4 Dibromofluoromethane	113	4.580	4.579	(0.890)	306974	49.4842	9.897
$	5 1,2-Dichloroethane-d4	65	4.864	4.863	(0.945)	378688	51.9564	10.391
$	6 Toluene-d8	98	6.496	6.496	(0.832)	1227073	45.7269	9.145
$	7 Bromofluorobenzene	95	8.910	8.910	(1.141)	420093	41.5041	8.301
	8 Dichlorodifluoromethane	85	1.539	1.538	(0.299)	203802	46.9522	9.390
	9 Chloromethane	50	1.692	1.692	(0.329)	314317	61.1091	12.222
	10 Vinyl Chloride	62	1.787	1.787	(0.347)	266858	45.5001	9.100
	11 Bromomethane	94	2.083	2.071	(0.405)	163362	51.5262	10.305
	12 Chloroethane	64	2.142	2.142	(0.416)	213540	59.7757	11.955
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	418445	59.2108	11.842
	15 Acrolein	56	2.674	2.674	(0.520)	455198	426.316	85.263
	16 Acetone	43	2.793	2.793	(0.543)	78275	30.2841	6.057
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	321666	57.4864	11.497
	18 Freon-113	151	2.781	2.793	(0.540)	259083	81.9593	16.392
	19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21802.D
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	1052599	52.7760	10.555
	21 Methylene Chloride	84	3.160	3.160	(0.614)	385307	50.4879	10.098
	22 Acetonitrile	41	3.006	3.018	(0.584)	141847	279.711	55.942
	23 Acrylonitrile	53	3.337	3.337	(0.648)	969451	412.093	82.418
	24 Methyl tert-butyl ether	73	3.384	3.384	(0.658)	862987	40.3369	8.067
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	384107	52.4265	10.485
	26 Hexane	86	3.621	3.621	(0.703)	82179	50.6940	10.139
	27 Vinyl acetate	43	3.621	3.751	(0.703)	219263	18.6672	3.733
	28 1,1-Dichloroethane	63	3.728	3.727	(0.724)	629648	50.9259	10.185
	29 tert-Butyl Alcohol	59	3.242	3.231	(0.630)	43021	165.857	33.171
	30 2-Butanone	43	4.189	4.189	(0.814)	114743	32.4949	6.499
M	31 1,2-Dichloroethene (total)	96				778016	104.427	20.885
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	393909	52.0000	10.400
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.449	4.449	(0.864)	645366	55.5910	11.118
	36 Tetrahydrofuran	42	4.438	4.437	(0.862)	11894	6.24173	1.248
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	531722	58.9873	11.797
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	444895	62.6814	12.536
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	489219	57.6495	11.530
	41 Benzene	78	4.923	4.923	(0.956)	1828750	54.6202	10.924
	42 Trichloroethene	130	5.455	5.455	(1.060)	398383	53.2482	10.650
	43 1,2-Dichloropropane	63	5.645	5.644	(1.097)	345207	46.4778	9.296
	44 1,4-Dioxane	88	5.763	5.739	(1.120)	3227	429.880	85.976(A)
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	492675	56.7557	11.351
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	203313	50.3647	10.073
	48 cis-1,3-Dichloropropene	75	6.248	6.248	(1.214)	575770	52.3809	10.476
	49 4-Methyl-2-pentanone	43	6.378	6.366	(1.239)	215705	38.8734	7.775
	50 Toluene	91	6.556	6.556	(0.839)	1630697	49.6567	9.931
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	477968	52.7969	10.559
	52 Ethyl Methacrylate	69	6.804	6.804	(0.871)	1080	2.97878	0.5958
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	304695	49.2077	9.842
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	283759	51.8989	10.380
	56 2-Hexanone	43	7.112	7.112	(0.911)	178276	41.0587	8.212
	57 Dibromochloromethane	129	7.266	7.266	(0.930)	336175	56.9813	11.396
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	305812	51.7689	10.354
	59 Chlorobenzene	112	7.834	7.834	(1.003)	976380	48.3547	9.671
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.928	7.928	(1.015)	518106	49.0301	9.806
	62 m + p-Xylene	106	8.047	8.046	(1.030)	1272328	97.7775	19.556
M	63 Xylenes (total)	106				1883301	147.266	29.453
	64 Xylene-o	106	8.413	8.413	(1.077)	610973	49.4889	9.898
	65 Styrene	104	8.425	8.425	(1.079)	1074297	48.0561	9.611
	66 Bromoform	173	8.603	8.603	(1.102)	204934	59.9039	11.981

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21802.D
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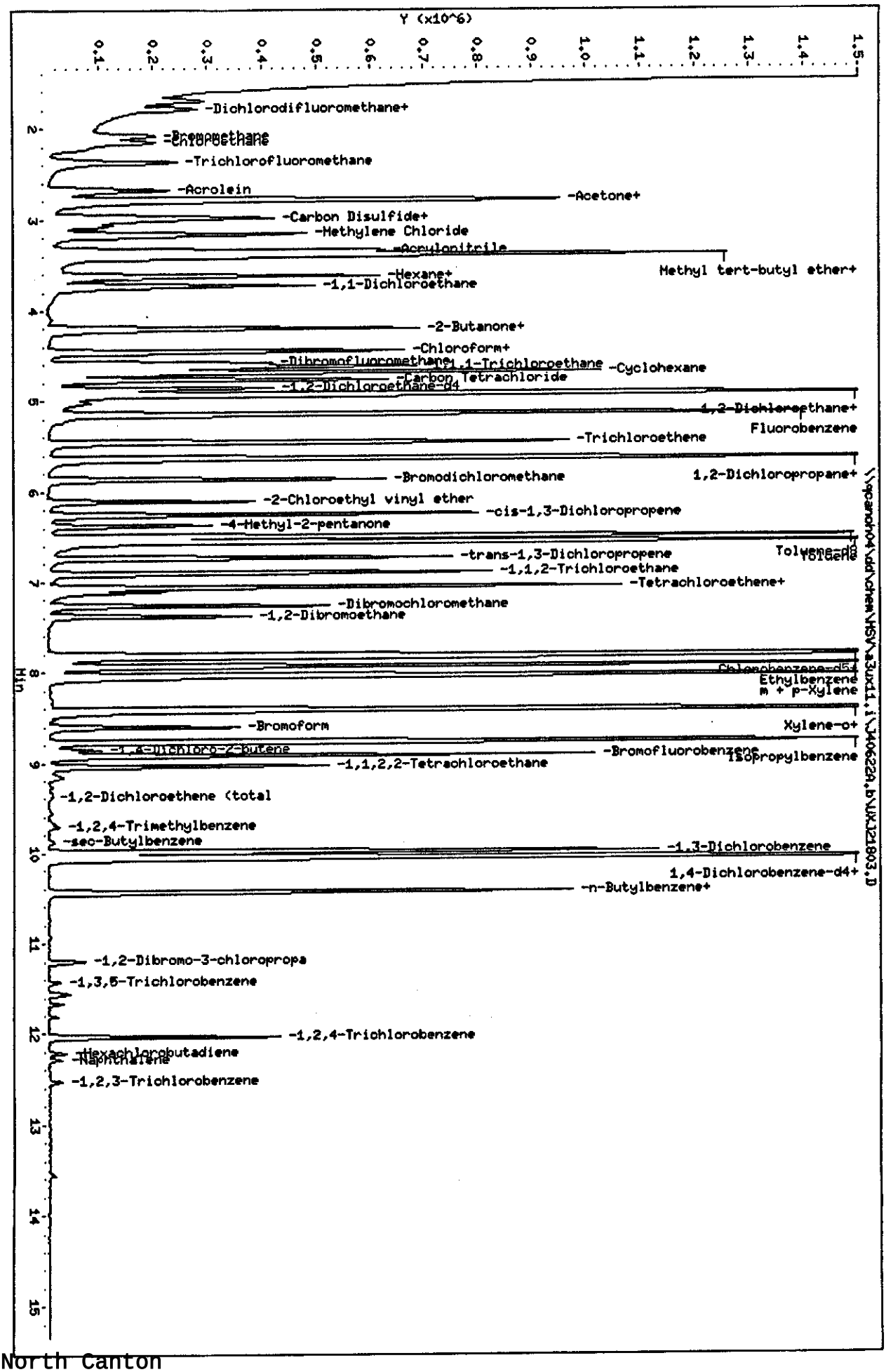
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67	Isopropylbenzene	105	8.768	8.768	(1.123)	1396012	49.4122	9.882
68	1,1,2,2-Tetrachloroethane	83	9.041	9.040	(0.900)	300347	47.3153	9.463
69	1,4-Dichloro-2-butene	53	8.851	9.088	(0.881)	2325	4.37563	0.8751
70	1,2,3-Trichloropropane	110	Compound Not Detected.					
71	Bromobenzene	156	9.076	9.064	(0.903)	9067	1.30732	0.2615
72	n-Propylbenzene	120	9.171	9.171	(0.913)	12364	1.77630	0.3552
73	2-Chlorotoluene	126	9.265	9.253	(0.922)	10315	1.59970	0.3199
74	1,3,5-Trimethylbenzene	105	9.336	9.336	(0.929)	41267	2.12928	0.4258
75	4-Chlorotoluene	126	9.360	9.360	(0.932)	11697	1.77849	0.3557
76	tert-Butylbenzene	119	9.656	9.656	(0.961)	50648	3.13811	0.6276
77	1,2,4-Trimethylbenzene	105	9.703	9.703	(0.966)	50078	2.63130	0.5262
78	sec-Butylbenzene	105	9.869	9.869	(0.982)	68747	3.30472	0.6609
79	4-Isopropyltoluene	119	10.011	10.011	(0.996)	60626	4.02096	0.8042
80	1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	506895	46.5271	9.305
81	1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	537906	48.0691	9.614
82	n-Butylbenzene	91	10.413	10.413	(1.037)	58914	4.96612	0.9932
83	1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	414112	45.0972	9.019
84	1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	25655	39.0987	7.820
85	1,2,4-Trichlorobenzene	180	12.034	12.034	(1.198)	139371	33.7429	6.748
86	Hexachlorobutadiene	225	12.212	12.212	(1.216)	18664	10.1499	2.030
87	Naphthalene	128	12.283	12.283	(1.223)	77983	6.70371	1.341
88	1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	32835	9.56332	1.913
98	Cyclohexane	56	4.686	4.686	(0.910)	527523	44.2259	8.845
143	Methyl Acetate	43	3.065	3.065	(0.595)	213271	47.4897	9.498
144	Methylcyclohexane	83	5.633	5.633	(1.094)	475021	44.7309	8.946
141	1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	31617	7.14826	1.430

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.



Data File: \\qcanch04\dd\chem\HSV\a3ux11.i\J406220.b\UX121803.D
Date : 22-JUN-2004 10:45
Client ID: GSP33/AD
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux11.i
Operator: 43582
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21803.D
Report Date: 23-Jun-2004 08:36

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21803.D
Lab Smp Id: CHECK
Inj Date : 22-JUN-2004 10:45
Operator : 43582 Inst ID: a3ux11.i
Smp Info : CHECK
Misc Info : J40622A,8260LLUX11,2-8260.SUB,43582,3
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 23-Jun-2004 08:35 evans1 Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 6 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	1504144	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1100348	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	443341	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	307334	48.8314	9.766
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	375080	50.7231	10.145
$	6 Toluene-d8	98	6.508	6.496	(0.833)	1261412	44.8163	8.963
$	7 Bromofluorobenzene	95	8.922	8.910	(1.142)	453572	42.7237	8.545
	8 Dichlorodifluoromethane	85	1.538	1.538	(0.299)	217561	49.4029	9.880
	9 Chloromethane	50	1.692	1.692	(0.329)	338531	65.4113	13.082
	10 Vinyl Chloride	62	1.787	1.787	(0.347)	298472	50.9177	10.184
	11 Bromomethane	94	2.083	2.071	(0.405)	174260	54.6047	10.921
	12 Chloroethane	64	2.154	2.142	(0.418)	205198	56.0374	11.207
	13 Trichlorofluoromethane	101	2.367	2.367	(0.460)	437235	60.9820	12.196
	15 Acrolein	56	2.674	2.674	(0.520)	391309	361.223	72.245
	16 Acetone	43	2.793	2.793	(0.543)	64318	24.5272	4.905
	17 1,1-Dichloroethene	96	2.781	2.781	(0.540)	326849	57.5747	11.515
	18 Freon-113	151	2.793	2.793	(0.543)	278927	87.6866	17.537
	19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21803.D
Report Date: 23-Jun-2004 08:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	20 Carbon Disulfide	76	2.982	2.982	(0.579)	1111407	54.9251	10.985
	21 Methylene Chloride	84	3.159	3.160	(0.614)	384544	49.4653	9.893
	22 Acetonitrile	41	3.017	3.018	(0.586)	121456	242.975	48.595
	23 Acrylonitrile	53	3.337	3.337	(0.648)	856584	358.891	71.778
	24 Methyl tert-butyl ether	73	3.396	3.384	(0.660)	812863	37.4490	7.490
	25 trans-1,2-Dichloroethene	96	3.396	3.396	(0.660)	399908	53.8001	10.760
	26 Hexane	86	3.621	3.621	(0.703)	85672	52.0906	10.418
	27 Vinyl acetate	43	3.621	3.751	(0.703)	228861	19.2048	3.841
	28 1,1-Dichloroethane	63	3.727	3.727	(0.724)	638056	50.8656	10.173
	29 tert-Butyl Alcohol	59	3.396	3.231	(0.660)	17692	204.129	40.826
	30 2-Butanone	43	4.189	4.189	(0.814)	112649	31.4442	6.289
M	31 1,2-Dichloroethene (total)	96				799208	105.756	21.151
	32 cis-1,2-dichloroethene	96	4.201	4.201	(0.816)	399300	51.9555	10.391
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.449	4.449	(0.864)	657673	55.8384	11.168
	36 Tetrahydrofuran	42	4.437	4.437	(0.862)	9687	5.01061	1.002
	37 1,1,1-Trichloroethane	97	4.627	4.627	(0.899)	546055	59.7083	11.942
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.769	4.769	(0.926)	470677	65.3625	13.072
	40 1,2-Dichloroethane	62	4.923	4.923	(0.956)	480385	55.7964	11.159
	41 Benzene	78	4.923	4.923	(0.956)	1862950	54.8434	10.969
	42 Trichloroethene	130	5.467	5.455	(1.062)	416744	54.9032	10.981
	43 1,2-Dichloropropane	63	5.644	5.644	(1.097)	348632	46.2656	9.253
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.869	5.869	(1.140)	487907	55.4001	11.080
	47 2-Chloroethyl vinyl ether	63	6.106	6.106	(1.186)	206624	50.4506	10.090
	48 cis-1,3-Dichloropropene	75	6.260	6.248	(1.216)	578262	51.8529	10.370
	49 4-Methyl-2-pentanone	43	6.378	6.366	(1.239)	213538	38.0916	7.618
	50 Toluene	91	6.567	6.556	(0.841)	1678739	48.7377	9.748
	51 trans-1,3-Dichloropropene	75	6.733	6.733	(0.862)	484061	50.9786	10.196
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.899	6.899	(0.883)	314278	48.3904	9.678
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	7.064	7.064	(0.905)	296224	51.6543	10.331
	56 2-Hexanone	43	7.112	7.112	(0.911)	175884	39.0967	7.819
	57 Dibromochloromethane	129	7.265	7.266	(0.930)	346705	56.0280	11.206
	58 1,2-Dibromoethane	107	7.384	7.384	(0.945)	308217	49.7449	9.949
	59 Chlorobenzene	112	7.833	7.834	(1.003)	1019693	48.1467	9.629
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.940	7.928	(1.017)	542946	48.9867	9.797
	62 m + p-Xylene	106	8.046	8.046	(1.030)	1344620	98.5184	19.704
M	63 Xylenes (total)	106				1982229	147.758	29.552
	64 Xylene-o	106	8.413	8.413	(1.077)	637609	49.2400	9.848
	65 Styrene	104	8.425	8.425	(1.079)	1125264	47.9906	9.598
	66 Bromoform	173	8.603	8.603	(1.102)	210905	58.7767	11.755

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21803.D
Report Date: 23-Jun-2004 08:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.768	8.768	(1.123)	1503676	50.7431	10.149
68 1,1,2,2-Tetrachloroethane	83	9.040	9.040	(0.900)	301742	40.5098	8.102
69 1,4-Dichloro-2-butene	53	8.863	9.088	(0.882)	2795	4.40867	0.8817
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	9.715	9.703	(0.967)	14036	0.62851	0.1257
78 sec-Butylbenzene	105	9.881	9.869	(0.984)	11820	0.48422	0.09684
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.987	9.987	(0.994)	584566	45.7264	9.145
81 1,4-Dichlorobenzene	146	10.070	10.070	(1.002)	620315	47.2409	9.448
82 n-Butylbenzene	91	10.413	10.413	(1.037)	13534	0.97223	0.1944
83 1,2-Dichlorobenzene	146	10.437	10.437	(1.039)	479168	44.4698	8.894
84 1,2-Dibromo-3-chloropropane	157	11.206	11.206	(1.115)	27369	35.9993	7.200
85 1,2,4-Trichlorobenzene	180	12.046	12.034	(1.199)	175301	36.0982	7.220
86 Hexachlorobutadiene	225	12.212	12.212	(1.216)	9293	4.00143	0.8003
87 Naphthalene	128	12.283	12.283	(1.223)	27884	2.04275	0.4086
88 1,2,3-Trichlorobenzene	180	12.531	12.531	(1.247)	11674	3.80620	0.7612
98 Cyclohexane	56	4.686	4.686	(0.910)	559901	46.2669	9.253
143 Methyl Acetate	43	3.065	3.065	(0.595)	193085	42.3780	8.476
144 Methylcyclohexane	83	5.644	5.633	(1.097)	494928	45.9368	9.187
141 1,3,5-Trichlorobenzene	180	11.431	11.431	(1.138)	10235	1.97203	0.3944

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD
Prep Date.....: 06/19/04 **Analysis Date..:** 06/19/04
Prep Batch #...: 4173408
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	103	(73 - 115)			SW846 8260B
	102	(73 - 115)	0.67	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	99	(77 - 114)			SW846 8260B
	99	(77 - 114)	0.10	(0-30)	SW846 8260B
Acetone	51 a	(58 - 130)			SW846 8260B
	52 a	(58 - 130)	0.52	(0-30)	SW846 8260B
Benzene	**104**	**(75 - 129)**			**SW846 8260B**
	102	**(75 - 129)**	**1.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	101	(72 - 125)			SW846 8260B
	100	(72 - 125)	0.40	(0-30)	SW846 8260B
Bromoform	95	(43 - 149)			SW846 8260B
	97	(43 - 149)	2.4	(0-30)	SW846 8260B
Bromomethane	96	(24 - 152)			SW846 8260B
	96	(24 - 152)	0.76	(0-30)	SW846 8260B
2-Butanone (MEK)	59	(27 - 200)			SW846 8260B
	61	(27 - 200)	3.8	(0-46)	SW846 8260B
Carbon disulfide	111	(50 - 137)			SW846 8260B
	109	(50 - 137)	2.3	(0-30)	SW846 8260B
Carbon tetrachloride	102	(57 - 137)			SW846 8260B
	101	(57 - 137)	1.6	(0-30)	SW846 8260B
n-Hexane	107	(57 - 130)			SW846 8260B
	105	(57 - 130)	1.6	(0-30)	SW846 8260B
Chlorobenzene	**98**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**0.090**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	99	(49 - 135)			SW846 8260B
	102	(49 - 135)	2.9	(0-30)	SW846 8260B
Chloroethane	93	(31 - 144)			SW846 8260B
	94	(31 - 144)	0.44	(0-30)	SW846 8260B
Chloroform	101	(73 - 115)			SW846 8260B
	99	(73 - 115)	1.9	(0-30)	SW846 8260B
Chloromethane	88	(15 - 136)			SW846 8260B
	88	(15 - 136)	0.81	(0-30)	SW846 8260B
1,1-Dichloroethane	98	(77 - 119)			SW846 8260B
	98	(77 - 119)	0.59	(0-30)	SW846 8260B
1,2-Dichloroethane	95	(78 - 121)			SW846 8260B
	96	(78 - 121)	0.090	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	106	(68 - 117)			SW846 8260B
	105	(68 - 117)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(55 - 142)**			**SW846 8260B**
	107	**(55 - 142)**	**1.9**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	104	(78 - 116)			SW846 8260B
	103	(78 - 116)	1.6	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	102	(71 - 125)			SW846 8260B
	102	(71 - 125)	0.60	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	97	(67 - 125)			SW846 8260B
	98	(67 - 125)	1.1	(0-30)	SW846 8260B
Ethylbenzene	104	(79 - 114)			SW846 8260B
	102	(79 - 114)	1.5	(0-30)	SW846 8260B
2-Hexanone	51	(29 - 200)			SW846 8260B
	55	(29 - 200)	7.1	(0-41)	SW846 8260B
Methylene chloride	99	(58 - 130)			SW846 8260B
	97	(58 - 130)	2.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	76	(68 - 142)			SW846 8260B
	82	(68 - 142)	7.6	(0-60)	SW846 8260B
Styrene	108	(80 - 114)			SW846 8260B
	107	(80 - 114)	0.63	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(70 - 133)			SW846 8260B
	93	(70 - 133)	1.6	(0-30)	SW846 8260B
Tetrachloroethene	99	(72 - 120)			SW846 8260B
	99	(72 - 120)	0.47	(0-30)	SW846 8260B
Toluene	**103**	**(71 - 130)**			**SW846 8260B**
	102	**(71 - 130)**	**0.84**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	99	(67 - 123)			SW846 8260B
	97	(67 - 123)	2.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(82 - 116)			SW846 8260B
	98	(82 - 116)	1.9	(0-30)	SW846 8260B
Trichloroethene	**99**	**(70 - 131)**			**SW846 8260B**
	98	**(70 - 131)**	**0.93**	**(0-23)**	**SW846 8260B**
Vinyl chloride	96	(24 - 152)			SW846 8260B
	94	(24 - 152)	2.1	(0-30)	SW846 8260B
Xylenes (total)	106	(80 - 114)			SW846 8260B
	106	(80 - 114)	0.050	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	102	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
	100	(61 - 130)
Toluene-d8	105	(60 - 143)
	107	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	108	(47 - 158)
	110	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD
Prep Date.....: 06/19/04 **Analysis Date..:** 06/19/04
Prep Batch #...: 4173408
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	100	ug/kg	103		SW846 8260B
	100	100	ug/kg	102	0.67	SW846 8260B
cis-1,2-Dichloroethene	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	99	0.10	SW846 8260B
Acetone	50	26 a	ug/kg	51		SW846 8260B
	50	26 a	ug/kg	52	0.52	SW846 8260B
Benzene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**1.7**	**SW846 8260B**
Bromodichloromethane	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	0.40	SW846 8260B
Bromoform	50	47	ug/kg	95		SW846 8260B
	50	49	ug/kg	97	2.4	SW846 8260B
Bromomethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.76	SW846 8260B
2-Butanone (MEK)	50	29	ug/kg	59		SW846 8260B
	50	31	ug/kg	61	3.8	SW846 8260B
Carbon disulfide	50	56	ug/kg	111		SW846 8260B
	50	54	ug/kg	109	2.3	SW846 8260B
Carbon tetrachloride	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	101	1.6	SW846 8260B
n-Hexane	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	105	1.6	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**0.090**	**SW846 8260B**
Dibromochloromethane	50	50	ug/kg	99		SW846 8260B
	50	51	ug/kg	102	2.9	SW846 8260B
Chloroethane	50	47	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	0.44	SW846 8260B
Chloroform	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	99	1.9	SW846 8260B
Chloromethane	50	44	ug/kg	88		SW846 8260B
	50	44	ug/kg	88	0.81	SW846 8260B
1,1-Dichloroethane	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.59	SW846 8260B
1,2-Dichloroethane	50	48	ug/kg	95		SW846 8260B
	50	48	ug/kg	96	0.090	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	105	1.2	SW846 8260B
1,1-Dichloroethene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.9**	**SW846 8260B**
1,2-Dichloropropane	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.6	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.60	SW846 8260B
trans-1,3-Dichloropropene	50	48	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.1	SW846 8260B
Ethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	1.5	SW846 8260B
2-Hexanone	50	26	ug/kg	51		SW846 8260B
	50	28	ug/kg	55	7.1	SW846 8260B
Methylene chloride	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	97	2.0	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	38	ug/kg	76		SW846 8260B
	50	41	ug/kg	82	7.6	SW846 8260B
Styrene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	0.63	SW846 8260B
1,1,2,2-Tetrachloroethane	50	46	ug/kg	92		SW846 8260B
	50	47	ug/kg	93	1.6	SW846 8260B
Tetrachloroethene	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.47	SW846 8260B
Toluene	**50**	**51**	**ug/kg**	**103**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**0.84**	**SW846 8260B**
1,1,1-Trichloroethane	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	97	2.0	SW846 8260B
1,1,2-Trichloroethane	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	98	1.9	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**99**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**0.93**	**SW846 8260B**
Vinyl chloride	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.1	SW846 8260B
Xylenes (total)	150	160	ug/kg	106		SW846 8260B
	150	160	ug/kg	106	0.050	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	102	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
	100	(61 - 130)
Toluene-d8	105	(60 - 143)
	107	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F210000-408 GJPAT1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	108	(47 - 158)
	110	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\pcanoh04\dd\chem\VSV.a3ux14.i\R406190.b\143836.D
Date : 19-JUN-2004 13:54
Client ID:
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Hin
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane+
-Methyl Acetate
-Methylene Chloride
-Hexane
Acrylonitrile+
-1,1-Dichloroethane
-2-Butanone+
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-Carbon Tetrachloride
-1,2-Dichloroethane-d4
-Fluorobenzene
-Trichloroethene
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-Tetrachloroethene
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
Ethylbenzene
m + p-Xylene
-Xylenes (total)
-Bromoform
Xylene-o+
-Cyclohexanone
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
Isopropylbenzene
-1,3-Dichlorobenzene
-1,4-Dichlorobenzene-d4+
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-Naphthalene
\\pcanoh04\dd\chem\VSV.a3ux14.i\R406190.b\143836.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143836.D
Report Date: 19-Jun-2004 14:05

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143836.D
Lab Smp Id: CHECK
Inj Date : 19-JUN-2004 13:54
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECK
Misc Info : R40619A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 19-Jun-2004 12:54 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	686724	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	398304	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	187795	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	148996	253.744	50.749
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	225465	247.641	49.528
$	6 Toluene-d8	98	5.963	5.963	(0.828)	721199	263.388	52.678
$	7 Bromofluorobenzene	95	8.268	8.269	(1.148)	272827	271.056	54.211
	8 Dichlorodifluoromethane	85	1.370	1.364	(0.290)	218962	229.718	45.944
	9 Chloromethane	50	1.534	1.534	(0.325)	249395	221.076	44.215
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	257791	240.864	48.173
	11 Bromomethane	94	1.911	1.905	(0.405)	118308	239.251	47.850
	12 Chloroethane	64	1.996	1.990	(0.423)	156355	233.685	46.737
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	295072	250.634	50.127
	15 Acrolein	56	2.519	2.520	(0.534)	288279	2544.25	508.85
	16 Acetone	43	2.629	2.629	(0.557)	52830	128.327	25.665
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	169789	272.387	54.477
	18 Freon-113	151	2.605	2.599	(0.552)	110812	296.981	59.396

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143836.D
Report Date: 19-Jun-2004 14:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	2.720	2.714	(0.576)	11994	44.5841	8.917
	20 Carbon Disulfide	76	2.763	2.763	(0.585)	683945	278.197	55.639
	21 Methylene Chloride	84	2.951	2.951	(0.625)	206131	248.583	49.717
	22 Acetonitrile	41	2.830	2.830	(0.599)	198312	2334.51	466.90
	23 Acrylonitrile	53	3.122	3.122	(0.661)	624720	2436.24	487.25
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	525406	204.521	40.904
	25 trans-1,2-Dichloroethene	96	3.158	3.152	(0.669)	189497	265.767	53.153
	26 Hexane	86	3.353	3.353	(0.710)	60651	266.673	53.335
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	407608	245.960	49.192
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	3.876	3.876	(0.821)	74184	147.202	29.440
M	31 1,2-Dichloroethene (total)	96				386469	512.754	102.55
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	196972	246.987	49.397
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.101	4.101	(0.869)	365957	252.785	50.557
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	321228	246.606	49.321
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	248310	255.429	51.086
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	281751	238.533	47.706
	41 Benzene	78	4.521	4.521	(0.957)	904668	260.057	52.011
	42 Trichloroethene	130	5.008	5.008	(1.061)	155266	246.596	49.319
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	232891	260.647	52.129
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	256741	251.606	50.321
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	85294	612.486	122.50
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	327065	254.401	50.880
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	147684	189.568	37.914
	50 Toluene	91	6.024	6.018	(0.836)	917411	256.781	51.356
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	271148	241.284	48.257
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	140843	240.379	48.076
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	125943	246.705	49.341
	56 2-Hexanone	43	6.547	6.547	(0.909)	94693	128.628	25.726(R)
	57 Dibromochloromethane	129	6.693	6.693	(0.929)	122553	248.577	49.715
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	122936	238.384	47.677
	59 Chlorobenzene	112	7.228	7.228	(1.003)	473755	244.671	48.934
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.319	7.319	(1.016)	287940	259.304	51.861
	62 m + p-Xylene	106	7.423	7.423	(1.030)	725590	528.558	105.71
M	63 Xylenes (total)	106				1058795	791.983	158.40
	64 Xylene-o	106	7.782	7.788	(1.080)	333205	263.425	52.685
	65 Styrene	104	7.794	7.794	(1.082)	556704	270.312	54.062

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143836.D
Report Date: 19-Jun-2004 14:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.106)	71238	237.435	47.487
67 Isopropylbenzene	105	8.122	8.123	(1.127)	899828	261.453	52.290
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	174043	229.769	45.954
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	295630	231.304	46.261
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	323027	250.891	50.178
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	280698	236.743	47.349
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	19791	212.682	42.536
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	149149	218.838	43.768
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.578	11.572	(1.236)	1034	13.6819	2.736
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	56758	1430.26	286.05
98 Cyclohexane	56	4.296	4.296	(0.910)	459785	263.033	52.607
143 Methyl Acetate	43	2.878	2.872	(0.610)	116411	229.866	45.973
144 Methylcyclohexane	83	5.160	5.160	(1.093)	421429	257.324	51.465
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanon04\dd\chem\HSV\a3ux14.i\R406190.b\143837.D
Date : 19-JUN-2004 14:18
Client ID: GTPATIAD
Sample Info: CHECKDLP
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Methylene Chloride
-Acrylonitrile
-1,1-Dichloroethane
-2-Butanone+
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-Carbon Tetrachloride
-1,2-Dichloroethane-d4
-Trichloroethene
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-Tetrachloroethene
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-Xylenes (total)
-Bromoform
-Cyclohexanone
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane
-1,3-Dichlorobenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
\\qcanon04\dd\chem\HSV\a3ux14.i\R406190.b\143837.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143837.D
Report Date: 19-Jun-2004 14:05

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143837.D
Lab Smp Id: CHECKDUP
Inj Date : 19-JUN-2004 14:18
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECKDUP
Misc Info : R40619A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 19-Jun-2004 12:54 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	693689	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	398661	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	195354	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	150858	254.336	50.867
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	229939	250.019	50.004
$	6 Toluene-d8	98	5.963	5.963	(0.828)	732002	267.094	53.419
$	7 Bromofluorobenzene	95	8.268	8.269	(1.148)	276458	274.417	54.883
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	216690	225.052	45.010
	9 Chloromethane	50	1.534	1.534	(0.325)	249883	219.285	43.857
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	254924	235.794	47.159
	11 Bromomethane	94	1.911	1.905	(0.405)	120426	241.089	48.218
	12 Chloroethane	64	1.996	1.990	(0.423)	158637	234.715	46.943
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	294116	247.313	49.463
	15 Acrolein	56	2.519	2.520	(0.534)	301851	2637.28	527.46
	16 Acetone	43	2.629	2.629	(0.557)	53646	129.001	25.800
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	168242	267.195	53.439
	18 Freon-113	151	2.605	2.599	(0.552)	110261	292.537	58.507

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143837.D
Report Date: 19-Jun-2004 14:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	2.720	2.714	(0.576)	7490	35.2898	7.058
	20 Carbon Disulfide	76	2.769	2.763	(0.586)	675285	271.916	54.383
	21 Methylene Chloride	84	2.951	2.951	(0.625)	204021	243.569	48.714
	22 Acetonitrile	41	2.830	2.830	(0.599)	203751	2374.46	474.89
	23 Acrylonitrile	53	3.122	3.122	(0.661)	662970	2559.45	511.89
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	536736	206.833	41.367
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	189122	262.578	52.516
	26 Hexane	86	3.353	3.353	(0.710)	60319	262.551	52.510
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	409310	244.507	48.901
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	3.876	3.876	(0.821)	77815	152.857	30.571
M	31 1,2-Dichloroethene (total)	96				387874	509.294	101.86
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	198752	246.716	49.343
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.101	4.101	(0.869)	362626	247.969	49.594
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	318025	241.696	48.339
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	246792	251.319	50.264
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	284882	238.762	47.752
	41 Benzene	78	4.521	4.521	(0.957)	898541	255.702	51.140
	42 Trichloroethene	130	5.008	5.008	(1.061)	155381	244.301	48.860
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	231573	256.569	51.314
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	258293	250.585	50.117
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	89106	630.333	126.07
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	332376	255.936	51.187
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	161054	204.654	40.931
	50 Toluene	91	6.017	6.018	(0.835)	910521	254.624	50.925
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	274413	243.971	48.794
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	143731	245.089	49.018
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	126654	247.875	49.575
	56 2-Hexanone	43	6.547	6.547	(0.909)	101800	138.158	27.632(R)
	57 Dibromochloromethane	129	6.693	6.693	(0.929)	126270	255.887	51.177
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	127109	246.255	49.251
	59 Chlorobenzene	112	7.228	7.228	(1.003)	474629	244.903	48.980
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.319	7.319	(1.016)	284013	255.539	51.108
	62 m + p-Xylene	106	7.423	7.423	(1.030)	725177	527.784	105.56
M	63 Xylenes (total)	106				1059202	791.621	158.32
	64 Xylene-o	106	7.782	7.788	(1.080)	334025	263.837	52.767
	65 Styrene	104	7.794	7.794	(1.082)	553673	268.600	53.720

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143837.D
Report Date: 19-Jun-2004 14:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.106)	73160	243.206	48.641
67 Isopropylbenzene	105	8.122	8.123	(1.127)	902213	261.889	52.378
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	183979	233.488	46.698
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	298586	224.578	44.916
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	326884	244.063	48.812
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	289452	234.680	46.936
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	20745	214.167	42.833
85 1,2,4-Trichlorobenzene	180	11.328	11.329	(1.209)	151104	213.127	42.625
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	57545	1384.29	276.86
98 Cyclohexane	56	4.296	4.296	(0.910)	456012	258.255	51.651
143 Methyl Acetate	43	2.872	2.872	(0.608)	125484	245.294	49.059
144 Methylcyclohexane	83	5.160	5.160	(1.093)	417764	252.525	50.505
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175226
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	102	(73 - 115)			SW846 8260B
	99	(73 - 115)	3.2	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	96	(77 - 114)			SW846 8260B
	93	(77 - 114)	3.3	(0-30)	SW846 8260B
Acetone	42 a	(58 - 130)			SW846 8260B
	42 a	(58 - 130)	0.95	(0-30)	SW846 8260B
Benzene	**101**	**(75 - 129)**			**SW846 8260B**
	98	**(75 - 129)**	**3.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	95	(72 - 125)			SW846 8260B
	93	(72 - 125)	2.0	(0-30)	SW846 8260B
Bromoform	96	(43 - 149)			SW846 8260B
	94	(43 - 149)	2.2	(0-30)	SW846 8260B
Bromomethane	101	(24 - 152)			SW846 8260B
	96	(24 - 152)	4.9	(0-30)	SW846 8260B
2-Butanone (MEK)	45	(27 - 200)			SW846 8260B
	44	(27 - 200)	3.0	(0-46)	SW846 8260B
Carbon disulfide	111	(50 - 137)			SW846 8260B
	107	(50 - 137)	4.2	(0-30)	SW846 8260B
Carbon tetrachloride	97	(57 - 137)			SW846 8260B
	93	(57 - 137)	4.4	(0-30)	SW846 8260B
n-Hexane	114	(57 - 130)			SW846 8260B
	105	(57 - 130)	7.9	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	93	**(75 - 127)**	**3.8**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	97	(49 - 135)			SW846 8260B
	95	(49 - 135)	1.4	(0-30)	SW846 8260B
Chloroethane	88	(31 - 144)			SW846 8260B
	84	(31 - 144)	5.1	(0-30)	SW846 8260B
Chloroform	95	(73 - 115)			SW846 8260B
	92	(73 - 115)	3.3	(0-30)	SW846 8260B
Chloromethane	74	(15 - 136)			SW846 8260B
	72	(15 - 136)	2.4	(0-30)	SW846 8260B
1,1-Dichloroethane	89	(77 - 119)			SW846 8260B
	86	(77 - 119)	3.4	(0-30)	SW846 8260B
1,2-Dichloroethane	77 a	(78 - 121)			SW846 8260B
	76 a	(78 - 121)	1.8	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	107	(68 - 117)			SW846 8260B
	104	(68 - 117)	3.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**111**	**(55 - 142)**			**SW846 8260B**
	105	**(55 - 142)**	**5.2**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	92	(78 - 116)			SW846 8260B
	88	(78 - 116)	3.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	97	(71 - 125)			SW846 8260B
	92	(71 - 125)	5.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	90	(67 - 125)			SW846 8260B
	88	(67 - 125)	2.6	(0-30)	SW846 8260B
Ethylbenzene	101	(79 - 114)			SW846 8260B
	96	(79 - 114)	4.9	(0-30)	SW846 8260B
2-Hexanone	38	(29 - 200)			SW846 8260B
	37	(29 - 200)	3.1	(0-41)	SW846 8260B
Methylene chloride	99	(58 - 130)			SW846 8260B
	97	(58 - 130)	2.1	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	56 a	(68 - 142)			SW846 8260B
	55 a	(68 - 142)	1.7	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	101	(80 - 114)	4.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	87	(70 - 133)			SW846 8260B
	88	(70 - 133)	0.29	(0-30)	SW846 8260B
Tetrachloroethene	95	(72 - 120)			SW846 8260B
	90	(72 - 120)	5.3	(0-30)	SW846 8260B
Toluene	**100**	**(71 - 130)**			**SW846 8260B**
	97	**(71 - 130)**	**3.3**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	91	(67 - 123)			SW846 8260B
	87	(67 - 123)	4.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(82 - 116)			SW846 8260B
	92	(82 - 116)	0.81	(0-30)	SW846 8260B
Trichloroethene	**100**	**(70 - 131)**			**SW846 8260B**
	96	**(70 - 131)**	**4.0**	**(0-23)**	**SW846 8260B**
Vinyl chloride	88	(24 - 152)			SW846 8260B
	84	(24 - 152)	5.1	(0-30)	SW846 8260B
Xylenes (total)	103	(80 - 114)			SW846 8260B
	98	(80 - 114)	4.9	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	99	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	86	(61 - 130)
Toluene-d8	105	(60 - 143)
	104	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	109	(47 - 158)
	106	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD
Prep Date.....: 06/22/04 **Analysis Date..:** 06/22/04
Prep Batch #...: 4175226
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	100	ug/kg	102		SW846 8260B
	100	99	ug/kg	99	3.2	SW846 8260B
cis-1,2-Dichloroethene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	93	3.3	SW846 8260B
Acetone	50	21 a	ug/kg	42		SW846 8260B
	50	21 a	ug/kg	42	0.95	SW846 8260B
Benzene	**50**	**51**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**3.7**	**SW846 8260B**
Bromodichloromethane	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	93	2.0	SW846 8260B
Bromoform	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.2	SW846 8260B
Bromomethane	50	51	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	4.9	SW846 8260B
2-Butanone (MEK)	50	23	ug/kg	45		SW846 8260B
	50	22	ug/kg	44	3.0	SW846 8260B
Carbon disulfide	50	56	ug/kg	111		SW846 8260B
	50	53	ug/kg	107	4.2	SW846 8260B
Carbon tetrachloride	50	48	ug/kg	97		SW846 8260B
	50	46	ug/kg	93	4.4	SW846 8260B
n-Hexane	50	57	ug/kg	114		SW846 8260B
	50	52	ug/kg	105	7.9	SW846 8260B
Chlorobenzene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**3.8**	**SW846 8260B**
Dibromochloromethane	50	48	ug/kg	97		SW846 8260B
	50	48	ug/kg	95	1.4	SW846 8260B
Chloroethane	50	44	ug/kg	88		SW846 8260B
	50	42	ug/kg	84	5.1	SW846 8260B
Chloroform	50	48	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.3	SW846 8260B
Chloromethane	50	37	ug/kg	74		SW846 8260B
	50	36	ug/kg	72	2.4	SW846 8260B
1,1-Dichloroethane	50	45	ug/kg	89		SW846 8260B
	50	43	ug/kg	86	3.4	SW846 8260B
1,2-Dichloroethane	50	39 a	ug/kg	77		SW846 8260B
	50	38 a	ug/kg	76	1.8	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	54	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	3.1	SW846 8260B
1,1-Dichloroethene	**50**	**55**	**ug/kg**	**111**		**SW846 8260B**
	50	**52**	**ug/kg**	**105**	**5.2**	**SW846 8260B**
1,2-Dichloropropane	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	88	3.8	SW846 8260B
cis-1,3-Dichloropropene	50	49	ug/kg	97		SW846 8260B
	50	46	ug/kg	92	5.2	SW846 8260B
trans-1,3-Dichloropropene	50	45	ug/kg	90		SW846 8260B
	50	44	ug/kg	88	2.6	SW846 8260B
Ethylbenzene	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	4.9	SW846 8260B
2-Hexanone	50	19	ug/kg	38		SW846 8260B
	50	19	ug/kg	37	3.1	SW846 8260B
Methylene chloride	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	97	2.1	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	28 a	ug/kg	56		SW846 8260B
	50	27 a	ug/kg	55	1.7	SW846 8260B
Styrene	50	53	ug/kg	105		SW846 8260B
	50	50	ug/kg	101	4.3	SW846 8260B
1,1,2,2-Tetrachloroethane	50	44	ug/kg	87		SW846 8260B
	50	44	ug/kg	88	0.29	SW846 8260B
Tetrachloroethene	50	47	ug/kg	95		SW846 8260B
	50	45	ug/kg	90	5.3	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**3.3**	**SW846 8260B**
1,1,1-Trichloroethane	50	45	ug/kg	91		SW846 8260B
	50	44	ug/kg	87	4.0	SW846 8260B
1,1,2-Trichloroethane	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	92	0.81	SW846 8260B
Trichloroethene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**48**	**ug/kg**	**96**	**4.0**	**SW846 8260B**
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	42	ug/kg	84	5.1	SW846 8260B
Xylenes (total)	150	150	ug/kg	103		SW846 8260B
	150	150	ug/kg	98	4.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	99	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	86	(61 - 130)
Toluene-d8	105	(60 - 143)
	104	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F230000-226 GJTJG1AD-LCSD

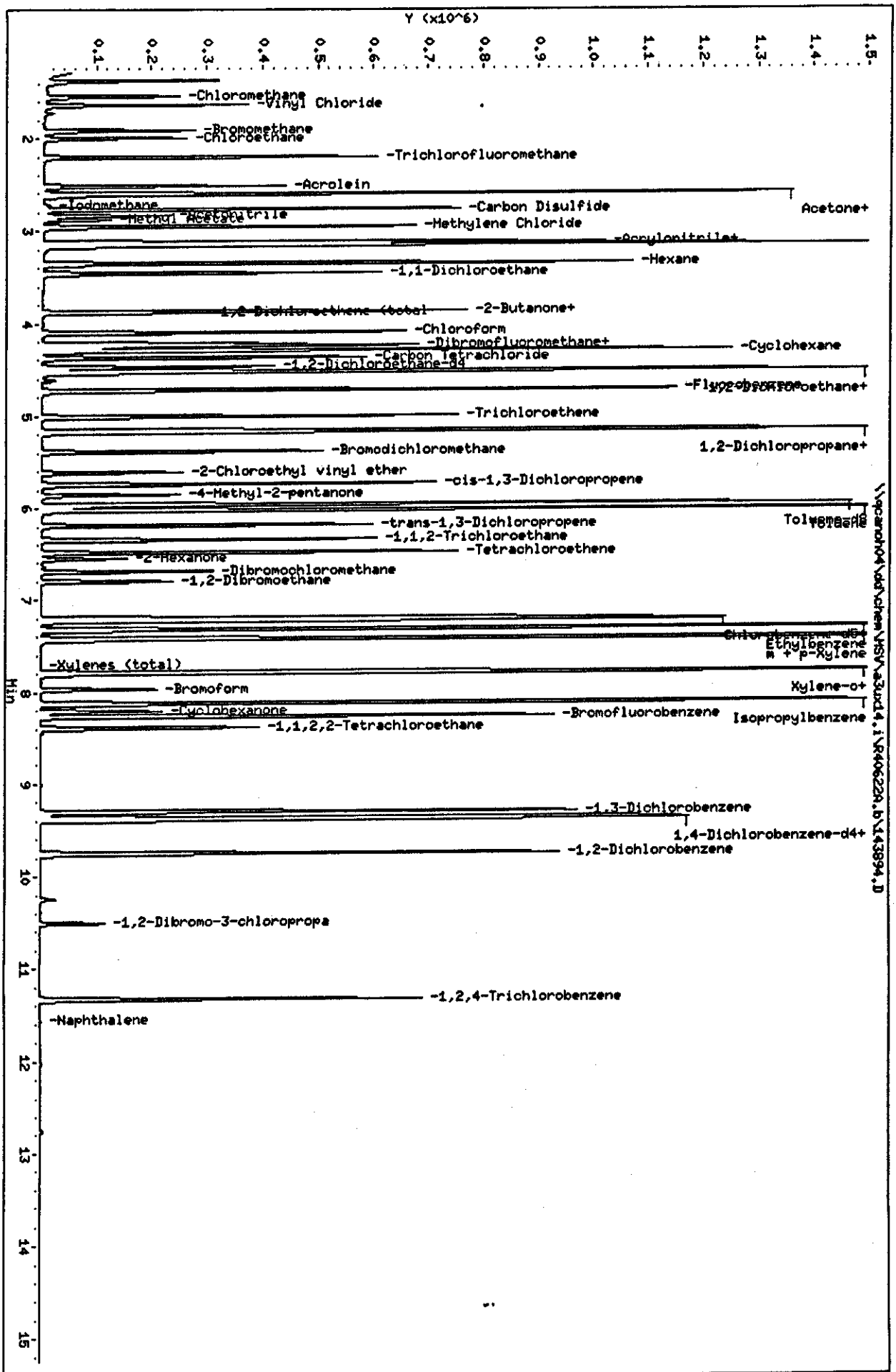
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	109	(47 - 158)
	106	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



Data File: \\pcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143894.D
Date : 22-JUN-2004 09:44
Client ID:
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2907
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143894.D
Report Date: 22-Jun-2004 09:05

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143894.D
Lab Smp Id: CHECK
Inj Date : 22-JUN-2004 09:44
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECK
Misc Info : R40622A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 22-Jun-2004 09:03 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.728	4.722	(1.000)	807064	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	472139	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	233167	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.892)	174668	253.110	50.622
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	231751	216.591	43.318
$	6 Toluene-d8	98	5.963	5.963	(0.828)	850515	262.040	52.408
$	7 Bromofluorobenzene	95	8.268	8.268	(1.148)	325188	272.553	54.510
	8 Dichlorodifluoromethane	85	1.370	1.364	(0.290)	246138	219.725	43.945
	9 Chloromethane	50	1.534	1.534	(0.325)	244909	184.728	36.946
	10 Vinyl Chloride	62	1.631	1.631	(0.345)	276948	220.180	44.036
	11 Bromomethane	94	1.911	1.905	(0.404)	146835	252.664	50.533
	12 Chloroethane	64	1.996	1.990	(0.422)	173692	220.888	44.178
	13 Trichlorofluoromethane	101	2.203	2.203	(0.466)	353541	255.520	51.104
	15 Acrolein	56	2.519	2.519	(0.533)	273673	2055.19	411.04
	16 Acetone	43	2.629	2.629	(0.556)	50754	104.902	20.980
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	202394	276.279	55.256
	18 Freon-113	151	2.605	2.605	(0.551)	142357	324.634	64.927

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143894.D
Report Date: 22-Jun-2004 09:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	2.720	2.714	(0.575)	15593	47.1673	9.433
	20 Carbon Disulfide	76	2.769	2.763	(0.586)	803331	278.035	55.607
	21 Methylene Chloride	84	2.951	2.951	(0.624)	242243	248.573	49.715
	22 Acetonitrile	41	2.830	2.830	(0.599)	179126	1794.24	358.85
	23 Acrylonitrile	53	3.122	3.122	(0.660)	585925	1944.25	388.85
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.667)	592217	196.154	39.231
	25 trans-1,2-Dichloroethene	96	3.158	3.152	(0.668)	224519	267.933	53.586
	26 Hexane	86	3.353	3.353	(0.709)	75926	284.057	56.811
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.456	3.456	(0.731)	434575	223.131	44.626
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	3.876	3.876	(0.820)	67343	113.703	22.740(R)
M	31 1,2-Dichloroethene (total)	96				450403	508.939	101.79
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.820)	225884	241.007	48.201
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.101	4.101	(0.867)	406005	238.631	47.726
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.898)	347818	227.204	45.441
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.375	4.375	(0.925)	276844	242.318	48.464
	40 1,2-Dichloroethane	62	4.527	4.527	(0.958)	268618	193.505	38.701(R)
	41 Benzene	78	4.521	4.521	(0.956)	1035093	253.182	50.636
	42 Trichloroethene	130	5.008	5.008	(1.059)	184976	249.976	49.995
	43 1,2-Dichloropropane	63	5.178	5.178	(1.095)	241014	229.517	45.903
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.385	5.385	(1.139)	285509	238.078	47.616
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.187)	88817	552.406	110.48
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.214)	367037	242.923	48.585
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.238)	127400	139.147	27.829
	50 Toluene	91	6.018	6.024	(0.835)	1057473	249.697	49.939
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	299944	225.168	45.034
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	160394	230.938	46.188
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	143636	237.362	47.472
	56 2-Hexanone	43	6.547	6.547	(0.909)	83536	95.7271	19.145(R)
	57 Dibromochloromethane	129	6.693	6.693	(0.929)	141368	241.899	48.380
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	140488	229.817	45.963
	59 Chlorobenzene	112	7.228	7.228	(1.003)	556090	242.280	48.456
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.319	7.319	(1.016)	332201	252.379	50.476
	62 m + p-Xylene	106	7.423	7.423	(1.030)	839444	515.867	103.17
M	63 Xylenes (total)	106				1224004	772.348	154.47
	64 Xylene-o	106	7.782	7.788	(1.080)	384560	256.481	51.296
	65 Styrene	104	7.794	7.794	(1.082)	641306	262.695	52.539

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143894.D
Report Date: 22-Jun-2004 09:05

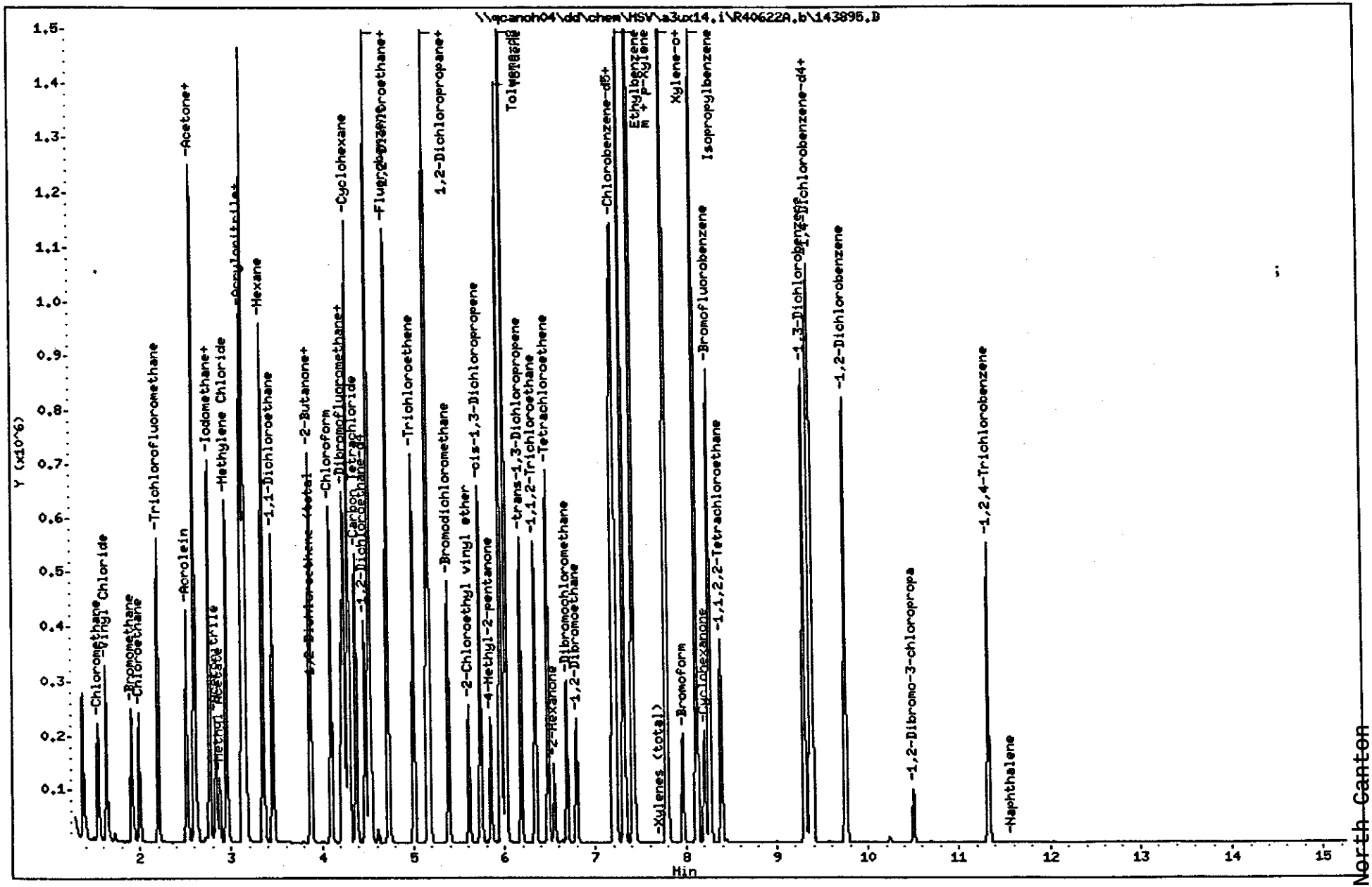
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.106)	85223	239.480	47.896
67 Isopropylbenzene	105	8.122	8.122	(1.127)	1041371	255.555	51.111
68 1,1,2,2-Tetrachloroethane	83	8.396	8.390	(0.896)	205700	218.719	43.744
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	336797	212.237	42.447
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	365029	228.345	45.669
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	316821	215.213	43.043
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	25423	219.403	43.881
85 1,2,4-Trichlorobenzene	180	11.335	11.328	(1.210)	183564	216.923	43.385
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.572	11.572	(1.235)	1261	13.6729	2.734
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	83224	1786.82	357.36
98 Cyclohexane	56	4.296	4.296	(0.909)	425820	207.279	41.456
143 Methyl Acetate	43	2.878	2.878	(0.609)	106567	179.051	35.810
144 Methylcyclohexane	83	5.160	5.160	(1.091)	481414	250.120	50.024
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40622A.b\143895.D
Date : 22-JUN-2004 10:09
Client ID: GJTJG1AD
Sample Info: CHECKBUP
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18



1012

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143895.D
Report Date: 22-Jun-2004 10:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143895.D
Lab Smp Id: CHECKDUP
Inj Date : 22-JUN-2004 10:09
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECKDUP
Misc Info : R40622A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 22-Jun-2004 09:03 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	783333	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	453235	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	213652	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	165839	247.596	49.519
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	222206	213.961	42.792
$	6 Toluene-d8	98	5.963	5.963	(0.828)	807926	259.300	51.860
$	7 Bromofluorobenzene	95	8.269	8.268	(1.148)	302403	264.027	52.805
	8 Dichlorodifluoromethane	85	1.370	1.364	(0.290)	226041	207.898	41.580
	9 Chloromethane	50	1.534	1.534	(0.325)	231965	180.266	36.053
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	255475	209.261	41.852
	11 Bromomethane	94	1.911	1.905	(0.405)	135748	240.663	48.133
	12 Chloroethane	64	1.996	1.990	(0.423)	160147	209.833	41.966
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	327144	243.605	48.721
	15 Acrolein	56	2.520	2.519	(0.534)	263168	2036.18	407.24
	16 Acetone	43	2.629	2.629	(0.557)	49734	105.907	21.181
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	186406	262.163	52.433
	18 Freon-113	151	2.605	2.605	(0.552)	129901	305.203	61.041

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143895.D
Report Date: 22-Jun-2004 10:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	2.727	2.714	(0.577)	9736	37.5653	7.513
20	Carbon Disulfide	76	2.769	2.763	(0.586)	747232	266.454	53.291
21	Methylene Chloride	84	2.952	2.951	(0.625)	230178	243.348	48.670
22	Acetonitrile	41	2.830	2.830	(0.599)	174833	1804.29	360.86
23	Acrylonitrile	53	3.122	3.122	(0.661)	566465	1936.62	387.32
24	Methyl tert-butyl ether	73	3.152	3.152	(0.668)	561316	191.552	38.310
25	trans-1,2-Dichloroethene	96	3.158	3.152	(0.669)	211218	259.696	51.939
26	Hexane	86	3.353	3.353	(0.710)	68087	262.447	52.489
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.457	3.456	(0.732)	407639	215.642	43.128(R)
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	3.876	3.876	(0.821)	63416	110.316	22.063(R)
M 31	1,2-Dichloroethene (total)	96				423411	492.954	98.591
32	cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	212193	233.258	46.652
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.101	4.101	(0.869)	381182	230.829	46.166
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	324391	218.321	43.664
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.375	4.375	(0.927)	257176	231.922	46.384
40	1,2-Dichloroethane	62	4.527	4.527	(0.959)	255915	189.939	37.988(R)
41	Benzene	78	4.521	4.521	(0.957)	968422	244.050	48.810
42	Trichloroethene	130	5.008	5.008	(1.061)	172403	240.044	48.009
43	1,2-Dichloropropane	63	5.178	5.178	(1.097)	225245	220.999	44.200
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.385	5.385	(1.140)	271718	233.443	46.688
47	2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	85422	548.126	109.62
48	cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	338267	230.664	46.133
49	4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	121605	136.842	27.368
50	Toluene	91	6.018	6.024	(0.835)	982464	241.661	48.332
51	trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	280645	219.468	43.894
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	152721	229.061	45.812
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.486	6.486	(0.900)	130721	225.030	45.006
56	2-Hexanone	43	6.547	6.547	(0.909)	77762	92.8272	18.565(R)
57	Dibromochloromethane	129	6.693	6.693	(0.929)	133837	238.564	47.713
58	1,2-Dibromoethane	107	6.796	6.796	(0.943)	134111	228.536	45.707
59	Chlorobenzene	112	7.228	7.228	(1.003)	514105	233.331	46.666
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.320	7.319	(1.016)	303756	240.394	48.079
62	m + p-Xylene	106	7.423	7.423	(1.030)	767841	491.546	98.309
M 63	Xylenes (total)	106				1118868	735.426	147.08
64	Xylene-o	106	7.788	7.788	(1.081)	351027	243.881	48.776
65	Styrene	104	7.794	7.794	(1.082)	589827	251.685	50.337

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143895.D
Report Date: 22-Jun-2004 10:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.971	7.970	(1.106)	79946	234.381	46.876
67 Isopropylbenzene	105	8.123	8.122	(1.127)	940906	241.239	48.248
68 1,1,2,2-Tetrachloroethane	83	8.396	8.390	(0.896)	189042	219.367	43.873
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	298242	205.107	41.021
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	325685	222.342	44.468
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	282726	209.595	41.919
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	21498	203.889	40.778
85 1,2,4-Trichlorobenzene	180	11.329	11.328	(1.209)	145956	188.235	37.647
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.566	11.572	(1.234)	196	13.2579	2.652
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	77322	1821.76	364.35
98 Cyclohexane	56	4.296	4.296	(0.910)	389727	195.457	39.091
143 Methyl Acetate	43	2.879	2.878	(0.610)	103911	179.878	35.976
144 Methylcyclohexane	83	5.160	5.160	(1.093)	438205	234.568	46.914
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD
Prep Date.....: 06/24/04 **Analysis Date..:** 06/24/04
Prep Batch #...: 4177231
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	99	(73 - 115)			SW846 8260B
	97	(73 - 115)	2.9	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	95	(77 - 114)			SW846 8260B
	92	(77 - 114)	3.3	(0-30)	SW846 8260B
Acetone	42 a	(58 - 130)			SW846 8260B
	41 a	(58 - 130)	3.2	(0-30)	SW846 8260B
Benzene	**98**	**(75 - 129)**			**SW846 8260B**
	95	**(75 - 129)**	**2.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	91	(72 - 125)			SW846 8260B
	88	(72 - 125)	3.2	(0-30)	SW846 8260B
Bromoform	93	(43 - 149)			SW846 8260B
	88	(43 - 149)	5.2	(0-30)	SW846 8260B
Bromomethane	96	(24 - 152)			SW846 8260B
	95	(24 - 152)	0.76	(0-30)	SW846 8260B
2-Butanone (MEK)	44	(27 - 200)			SW846 8260B
	41	(27 - 200)	6.2	(0-46)	SW846 8260B
Carbon disulfide	107	(50 - 137)			SW846 8260B
	103	(50 - 137)	3.7	(0-30)	SW846 8260B
Carbon tetrachloride	93	(57 - 137)			SW846 8260B
	90	(57 - 137)	3.0	(0-30)	SW846 8260B
n-Hexane	108	(57 - 130)			SW846 8260B
	108	(57 - 130)	0.24	(0-30)	SW846 8260B
Chlorobenzene	**93**	**(75 - 127)**			**SW846 8260B**
	90	**(75 - 127)**	**3.6**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	93	(49 - 135)			SW846 8260B
	90	(49 - 135)	2.4	(0-30)	SW846 8260B
Chloroethane	84	(31 - 144)			SW846 8260B
	81	(31 - 144)	3.9	(0-30)	SW846 8260B
Chloroform	92	(73 - 115)			SW846 8260B
	89	(73 - 115)	3.4	(0-30)	SW846 8260B
Chloromethane	68	(15 - 136)			SW846 8260B
	67	(15 - 136)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethane	85	(77 - 119)			SW846 8260B
	83	(77 - 119)	3.0	(0-30)	SW846 8260B
1,2-Dichloroethane	73 a	(78 - 121)			SW846 8260B
	71 a	(78 - 121)	3.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	104	(68 - 117)			SW846 8260B
	101	(68 - 117)	2.5	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(55 - 142)**			**SW846 8260B**
	103	**(55 - 142)**	**4.3**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	88	(78 - 116)			SW846 8260B
	85	(78 - 116)	3.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(71 - 125)			SW846 8260B
	90	(71 - 125)	4.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	86	(67 - 125)			SW846 8260B
	84	(67 - 125)	2.8	(0-30)	SW846 8260B
Ethylbenzene	96	(79 - 114)			SW846 8260B
	94	(79 - 114)	2.4	(0-30)	SW846 8260B
2-Hexanone	36	(29 - 200)			SW846 8260B
	34	(29 - 200)	6.6	(0-41)	SW846 8260B
Methylene chloride	93	(58 - 130)			SW846 8260B
	91	(58 - 130)	2.3	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	54 a	(68 - 142)			SW846 8260B
	50 a	(68 - 142)	7.1	(0-60)	SW846 8260B
Styrene	100	(80 - 114)			SW846 8260B
	96	(80 - 114)	3.5	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	84	(70 - 133)			SW846 8260B
	79	(70 - 133)	5.4	(0-30)	SW846 8260B
Tetrachloroethene	93	(72 - 120)			SW846 8260B
	91	(72 - 120)	2.5	(0-30)	SW846 8260B
Toluene	**96**	**(71 - 130)**			**SW846 8260B**
	93	**(71 - 130)**	**2.9**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	88	(67 - 123)			SW846 8260B
	86	(67 - 123)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	87	(82 - 116)			SW846 8260B
	84	(82 - 116)	4.0	(0-30)	SW846 8260B
Trichloroethene	**97**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**1.9**	**(0-23)**	**SW846 8260B**
Vinyl chloride	82	(24 - 152)			SW846 8260B
	80	(24 - 152)	1.6	(0-30)	SW846 8260B
Xylenes (total)	98	(80 - 114)			SW846 8260B
	95	(80 - 114)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	100	(60 - 143)
	101	(60 - 143)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	103	(47 - 158)
	101	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD
Prep Date.....: 06/24/04 **Analysis Date..:** 06/24/04
Prep Batch #...: 4177231
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	99	ug/kg	99		SW846 8260B
	100	97	ug/kg	97	2.9	SW846 8260B
cis-1,2-Dichloroethene	50	48	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.3	SW846 8260B
Acetone	50	21 a	ug/kg	42		SW846 8260B
	50	20 a	ug/kg	41	3.2	SW846 8260B
Benzene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**2.5**	**SW846 8260B**
Bromodichloromethane	50	46	ug/kg	91		SW846 8260B
	50	44	ug/kg	88	3.2	SW846 8260B
Bromoform	50	47	ug/kg	93		SW846 8260B
	50	44	ug/kg	88	5.2	SW846 8260B
Bromomethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	95	0.76	SW846 8260B
2-Butanone (MEK)	50	22	ug/kg	44		SW846 8260B
	50	21	ug/kg	41	6.2	SW846 8260B
Carbon disulfide	50	53	ug/kg	107		SW846 8260B
	50	51	ug/kg	103	3.7	SW846 8260B
Carbon tetrachloride	50	46	ug/kg	93		SW846 8260B
	50	45	ug/kg	90	3.0	SW846 8260B
n-Hexane	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.24	SW846 8260B
Chlorobenzene	**50**	**47**	**ug/kg**	**93**		**SW846 8260B**
	50	**45**	**ug/kg**	**90**	**3.6**	**SW846 8260B**
Dibromochloromethane	50	46	ug/kg	93		SW846 8260B
	50	45	ug/kg	90	2.4	SW846 8260B
Chloroethane	50	42	ug/kg	84		SW846 8260B
	50	40	ug/kg	81	3.9	SW846 8260B
Chloroform	50	46	ug/kg	92		SW846 8260B
	50	45	ug/kg	89	3.4	SW846 8260B
Chloromethane	50	34	ug/kg	68		SW846 8260B
	50	33	ug/kg	67	1.2	SW846 8260B
1,1-Dichloroethane	50	43	ug/kg	85		SW846 8260B
	50	41	ug/kg	83	3.0	SW846 8260B
1,2-Dichloroethane	50	37 a	ug/kg	73		SW846 8260B
	50	35 a	ug/kg	71	3.3	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	101	2.5	SW846 8260B
1,1-Dichloroethene	**50**	**54**	**ug/kg**	**108**		**SW846 8260B**
	50	**52**	**ug/kg**	**103**	**4.3**	**SW846 8260B**
1,2-Dichloropropane	50	44	ug/kg	88		SW846 8260B
	50	42	ug/kg	85	3.2	SW846 8260B
cis-1,3-Dichloropropene	50	47	ug/kg	93		SW846 8260B
	50	45	ug/kg	90	4.3	SW846 8260B
trans-1,3-Dichloropropene	50	43	ug/kg	86		SW846 8260B
	50	42	ug/kg	84	2.8	SW846 8260B
Ethylbenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.4	SW846 8260B
2-Hexanone	50	18	ug/kg	36		SW846 8260B
	50	17	ug/kg	34	6.6	SW846 8260B
Methylene chloride	50	47	ug/kg	93		SW846 8260B
	50	46	ug/kg	91	2.3	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	27 a	ug/kg	54		SW846 8260B
	50	25 a	ug/kg	50	7.1	SW846 8260B
Styrene	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	96	3.5	SW846 8260B
1,1,2,2-Tetrachloroethane	50	42	ug/kg	84		SW846 8260B
	50	40	ug/kg	79	5.4	SW846 8260B
Tetrachloroethene	50	47	ug/kg	93		SW846 8260B
	50	45	ug/kg	91	2.5	SW846 8260B
Toluene	**50**	**48**	**ug/kg**	**96**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**2.9**	**SW846 8260B**
1,1,1-Trichloroethane	50	44	ug/kg	88		SW846 8260B
	50	43	ug/kg	86	2.3	SW846 8260B
1,1,2-Trichloroethane	50	44	ug/kg	87		SW846 8260B
	50	42	ug/kg	84	4.0	SW846 8260B
Trichloroethene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**1.9**	**SW846 8260B**
Vinyl chloride	50	41	ug/kg	82		SW846 8260B
	50	40	ug/kg	80	1.6	SW846 8260B
Xylenes (total)	150	150	ug/kg	98		SW846 8260B
	150	140	ug/kg	95	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	100	(60 - 143)
	101	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F250000-231 GJ1911AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	103	(47 - 158)
	101	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

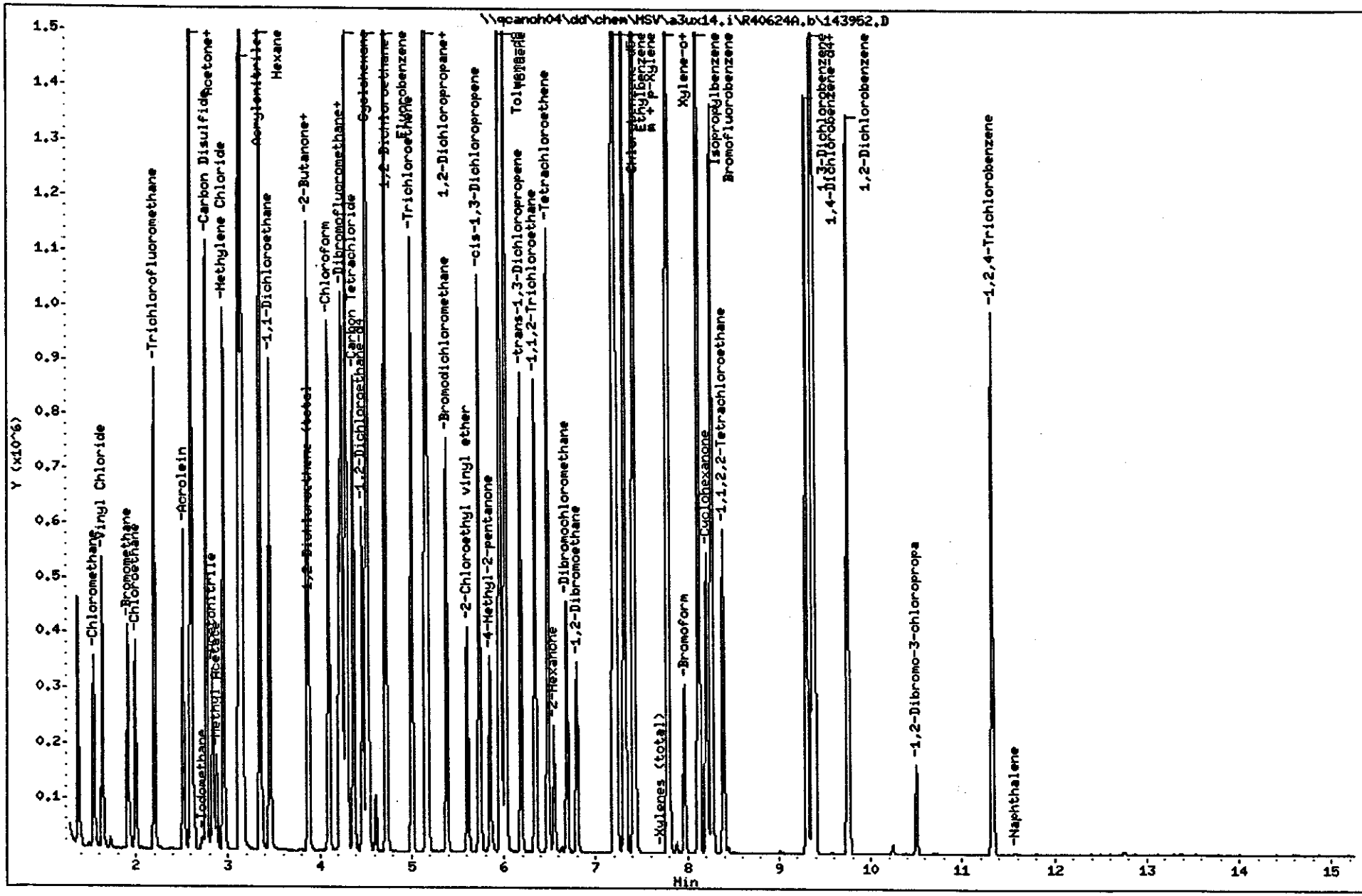
Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143952.D
Date : 24-JUN-2004 11:42
Client ID: GJ1911AC
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143952.D
Report Date: 24-Jun-2004 11:18

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143952.D
Lab Smp Id: CHECK
Inj Date : 24-JUN-2004 11:42
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECK
Misc Info : R40624A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 24-Jun-2004 11:16 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1238923	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	726611	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	347111	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	256177	241.824	48.365
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	336361	204.780	40.956
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1248953	250.034	50.007
$	7 Bromofluorobenzene	95	8.269	8.269	(1.148)	473832	258.053	51.610
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	344995	200.621	40.124
	9 Chloromethane	50	1.534	1.534	(0.325)	344092	169.070	33.814
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	393425	203.753	40.751
	11 Bromomethane	94	1.911	1.905	(0.405)	214239	240.147	48.029
	12 Chloroethane	64	1.996	1.990	(0.423)	252809	209.435	41.887
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	517952	243.859	48.772
	15 Acrolein	56	2.520	2.520	(0.534)	365195	1786.52	357.30
	16 Acetone	43	2.629	2.629	(0.557)	78204	105.294	21.059
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	303650	270.015	54.003
	18 Freon-113	151	2.605	2.599	(0.552)	209941	311.872	62.374

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143952.D
Report Date: 24-Jun-2004 11:18

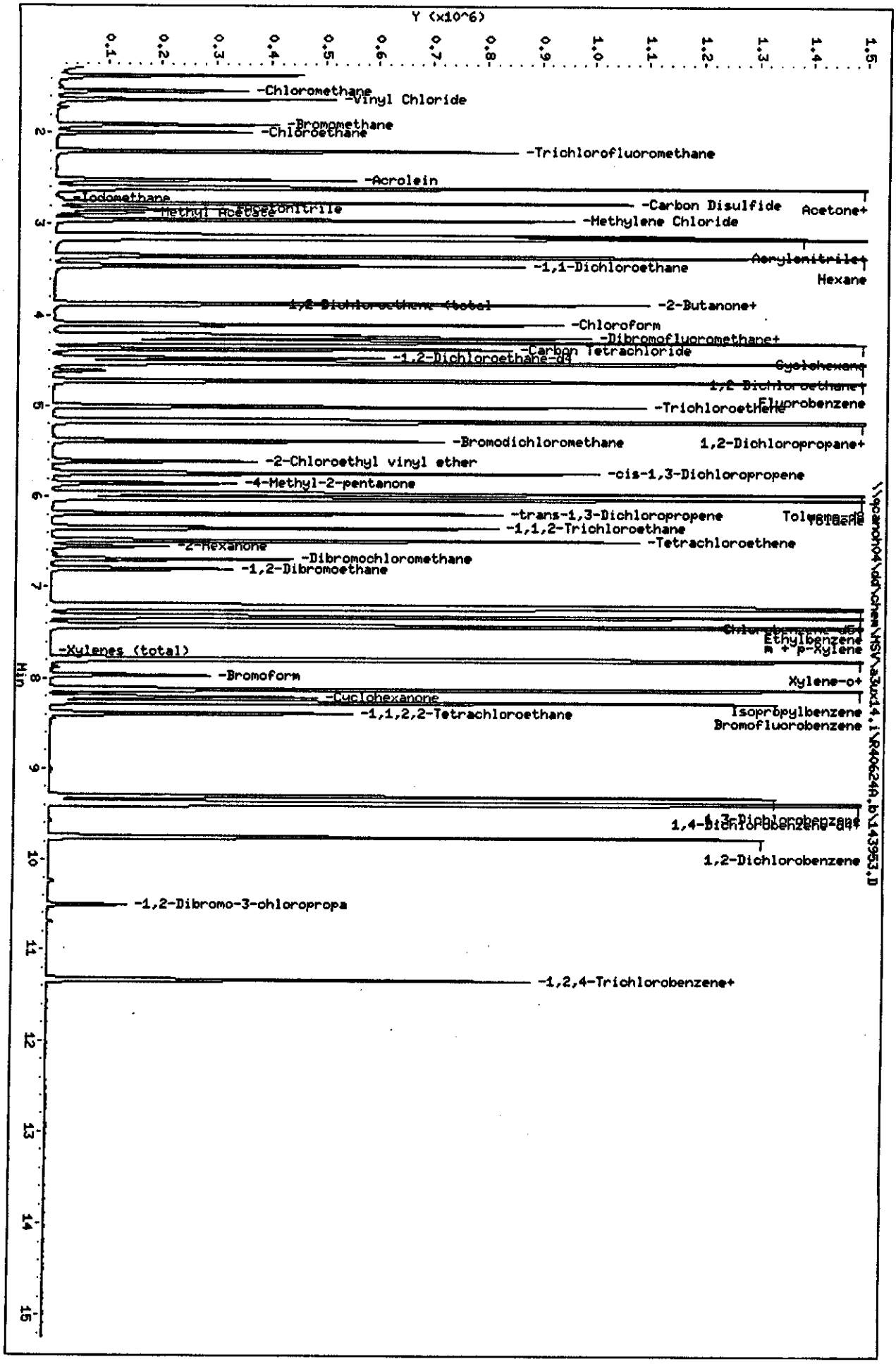
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	2.720	2.714	(0.576)	25978	49.4605	9.892
20	Carbon Disulfide	76	2.769	2.763	(0.586)	1183043	266.728	53.346
21	Methylene Chloride	84	2.951	2.952	(0.625)	349346	233.519	46.704
22	Acetonitrile	41	2.830	2.830	(0.599)	251636	1641.94	328.39
23	Acrylonitrile	53	3.122	3.122	(0.661)	830686	1795.60	359.12
24	Methyl tert-butyl ether	73	3.152	3.152	(0.668)	847284	182.814	36.563
25	trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	333086	258.936	51.787
26	Hexane	86	3.353	3.353	(0.710)	110668	269.713	53.942
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.456	3.456	(0.732)	637619	213.265	42.653(R)
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	3.876	3.876	(0.821)	100027	110.017	22.003(R)
M 31	1,2-Dichloroethene (total)	96				675196	496.715	99.343
32	cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	342110	237.779	47.556
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.101	4.101	(0.869)	601348	230.242	46.048
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	518282	220.543	44.109
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.375	4.375	(0.927)	407719	232.475	46.495
40	1,2-Dichloroethane	62	4.527	4.527	(0.959)	390072	183.048	36.610(R)
41	Benzene	78	4.521	4.521	(0.957)	1534776	244.547	48.909
42	Trichloroethene	130	5.008	5.008	(1.061)	275358	242.407	48.481
43	1,2-Dichloropropane	63	5.178	5.178	(1.097)	352838	218.883	43.777
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.385	5.385	(1.140)	420254	228.284	45.657
47	2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	140978	568.378	113.68
48	cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	541961	233.663	46.733
49	4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	188366	134.021	26.804
50	Toluene	91	6.018	6.018	(0.835)	1562464	239.729	47.946
51	trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	440227	214.739	42.948
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	233398	218.359	43.672
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.486	6.486	(0.900)	217074	233.090	46.618
56	2-Hexanone	43	6.547	6.547	(0.909)	120885	90.0122	18.002(R)
57	Dibromochloromethane	129	6.693	6.693	(0.929)	207988	231.254	46.251
58	1,2-Dibromoethane	107	6.796	6.796	(0.943)	209253	222.424	44.485
59	Chlorobenzene	112	7.228	7.228	(1.003)	823885	233.243	46.648
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.319	7.320	(1.016)	487422	240.617	48.123
62	m + p-Xylene	106	7.423	7.423	(1.030)	1226460	489.742	97.948
M 63	Xylenes (total)	106				1790345	734.113	146.82
64	Xylene-o	106	7.788	7.782	(1.081)	563885	244.371	48.874
65	Styrene	104	7.794	7.794	(1.082)	937481	249.527	49.905

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143952.D
Report Date: 24-Jun-2004 11:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66	Bromoform	173	7.970	7.970	(1.106)	127197	232.726	46.545
67	Isopropylbenzene	105	8.123	8.123	(1.127)	1534899	245.264	49.053
68	1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	292996	209.273	41.854
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
70	1,2,3-Trichloropropane	110	Compound Not Detected.					
71	Bromobenzene	156	Compound Not Detected.					
72	n-Propylbenzene	120	Compound Not Detected.					
73	2-Chlorotoluene	126	Compound Not Detected.					
74	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75	4-Chlorotoluene	126	Compound Not Detected.					
76	tert-Butylbenzene	119	Compound Not Detected.					
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78	sec-Butylbenzene	105	Compound Not Detected.					
79	4-Isopropyltoluene	119	Compound Not Detected.					
80	1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	492676	208.551	41.710
81	1,4-Dichlorobenzene	146	9.388	9.388	(1.002)	535380	224.970	44.994
82	n-Butylbenzene	91	Compound Not Detected.					
83	1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	461442	210.558	42.112
84	1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	34889	203.688	40.738
85	1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	263243	208.965	41.793
86	Hexachlorobutadiene	225	Compound Not Detected.					
87	Naphthalene	128	11.566	11.572	(1.234)	1728	13.6331	2.727
88	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14	Dichlorofluoromethane	67	Compound Not Detected.					
89	Ethyl Ether	59	Compound Not Detected.					
91	3-Chloropropene	76	Compound Not Detected.					
92	Isopropyl Ether	87	Compound Not Detected.					
93	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94	Propionitrile	54	Compound Not Detected.					
95	Ethyl Acetate	43	Compound Not Detected.					
96	Methacrylonitrile	41	Compound Not Detected.					
97	Isobutanol	41	Compound Not Detected.					
99	n-Butanol	56	Compound Not Detected.					
100	Methyl Methacrylate	41	Compound Not Detected.					
101	2-Nitropropane	41	Compound Not Detected.					
103	Cyclohexanone	55	8.208	8.208	(0.876)	203671	3832.95	766.59
98	Cyclohexane	56	4.296	4.296	(0.910)	631428	200.225	40.045
143	Methyl Acetate	43	2.878	2.872	(0.610)	147766	161.731	32.346
144	Methylcyclohexane	83	5.160	5.160	(1.093)	715147	242.041	48.408
141	1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.



Data File: \\qcanon04\dd\chem\HSV\a3ux14.i\R406240.b\143953.D
Date : 24-JUN-2004 12:07
Client ID: GJ19118D
Sample Info: CHECKDUP
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143953.D
Report Date: 24-Jun-2004 12:03

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143953.D
Lab Smp Id: CHECKDUP
Inj Date : 24-JUN-2004 12:07
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECKDUP
Misc Info : R40624A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 24-Jun-2004 11:16 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1244066	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	721276	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	344560	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	253784	238.575	47.715
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	332579	201.640	40.328
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1247260	251.542	50.308
$	7 Bromofluorobenzene	95	8.269	8.269	(1.148)	458052	251.304	50.261
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	335234	194.139	38.828
	9 Chloromethane	50	1.534	1.534	(0.325)	341497	167.101	33.420
	10 Vinyl Chloride	62	1.631	1.631	(0.346)	388683	200.465	40.093
	11 Bromomethane	94	1.911	1.905	(0.405)	213495	238.323	47.665
	12 Chloroethane	64	1.996	1.990	(0.423)	244069	201.359	40.272
	13 Trichlorofluoromethane	101	2.203	2.203	(0.467)	506943	237.689	47.538
	15 Acrolein	56	2.520	2.520	(0.534)	348103	1695.87	339.17
	16 Acetone	43	2.629	2.629	(0.557)	76050	101.971	20.394
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	292089	258.660	51.732
	18 Freon-113	151	2.605	2.599	(0.552)	204963	303.218	60.644

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143953.D
Report Date: 24-Jun-2004 12:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	2.720	2.714	(0.576)	16991	39.2784	7.856
20	Carbon Disulfide	76	2.769	2.763	(0.586)	1144805	257.040	51.408
21	Methylene Chloride	84	2.952	2.952	(0.625)	342854	228.232	45.646
22	Acetonitrile	41	2.830	2.830	(0.599)	239168	1554.14	310.83
23	Acrylonitrile	53	3.122	3.122	(0.661)	790958	1702.66	340.53
24	Methyl tert-butyl ether	73	3.152	3.152	(0.668)	810264	174.104	34.821
25	trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	326241	252.567	50.513
26	Hexane	86	3.353	3.353	(0.710)	111394	270.360	54.072
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	3.456	3.456	(0.732)	621361	206.968	41.394(R)
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	3.876	3.876	(0.821)	94377	103.373	20.675(R)
M 31	1,2-Dichloroethene (total)	96				658564	482.588	96.518
32	cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	332323	230.021	46.004
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	4.101	4.101	(0.869)	583560	222.508	44.502
36	Tetrahydrofuran	42	Compound Not Detected.					
37	1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	508474	215.475	43.095
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	4.375	4.375	(0.927)	397467	225.692	45.138
40	1,2-Dichloroethane	62	4.527	4.527	(0.959)	379099	177.163	35.433(R)
41	Benzene	78	4.521	4.521	(0.957)	1502852	238.470	47.694
42	Trichloroethene	130	5.008	5.008	(1.061)	271236	237.791	47.558
43	1,2-Dichloropropane	63	5.178	5.178	(1.097)	343295	212.083	42.416(R)
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	5.385	5.385	(1.140)	408605	221.039	44.208
47	2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	129629	527.293	105.46
48	cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	521159	223.766	44.753
49	4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	176171	124.826	24.965(R)
50	Toluene	91	6.018	6.018	(0.835)	1506720	232.886	46.577
51	trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	425095	208.892	41.778(R)
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	222512	209.715	41.943(R)
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	6.486	6.486	(0.900)	210232	227.413	45.483
56	2-Hexanone	43	6.547	6.547	(0.909)	112383	84.3005	16.860(R)
57	Dibromochloromethane	129	6.693	6.693	(0.929)	201478	225.672	45.134
58	1,2-Dibromoethane	107	6.796	6.796	(0.943)	199198	213.303	42.660
59	Chlorobenzene	112	7.228	7.228	(1.003)	788497	224.875	44.975
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	7.320	7.320	(1.016)	472143	234.798	46.960
62	m + p-Xylene	106	7.423	7.423	(1.030)	1187094	477.529	95.506
M 63	Xylenes (total)	106				1733599	716.119	143.22
64	Xylene-o	106	7.782	7.782	(1.080)	546505	238.591	47.718
65	Styrene	104	7.794	7.794	(1.082)	898782	240.996	48.199

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143953.D
Report Date: 24-Jun-2004 12:03

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.106)	119348	220.816	44.163
67 Isopropylbenzene	105	8.123	8.123	(1.127)	1462540	235.903	47.180
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	275680	198.363	39.672(R)
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	463208	197.529	39.506
81 1,4-Dichlorobenzene	146	9.388	9.388	(1.002)	505095	213.815	42.763
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	441204	202.814	40.563
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	31351	186.066	37.213
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	238497	190.723	38.145
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.572	11.572	(1.235)	894	13.4129	2.682
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	189992	3460.58	692.12
98 Cyclohexane	56	4.296	4.296	(0.910)	615255	194.290	38.858
143 Methyl Acetate	43	2.872	2.872	(0.608)	139788	152.367	30.473
144 Methylcyclohexane	83	5.160	5.160	(1.093)	693453	233.728	46.746
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD
Prep Date.....: 06/25/04 **Analysis Date..:** 06/25/04
Prep Batch #...: 4180387
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	92	(73 - 115)			SW846 8260B
	100	(73 - 115)	8.0	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	84	(77 - 114)			SW846 8260B
	91	(77 - 114)	8.2	(0-30)	SW846 8260B
Acetone	40 a	(58 - 130)			SW846 8260B
	39 a	(58 - 130)	2.9	(0-30)	SW846 8260B
Benzene	**90**	**(75 - 129)**			**SW846 8260B**
	96	**(75 - 129)**	**6.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	84	(72 - 125)			SW846 8260B
	92	(72 - 125)	9.2	(0-30)	SW846 8260B
Bromoform	89	(43 - 149)			SW846 8260B
	94	(43 - 149)	5.1	(0-30)	SW846 8260B
Bromomethane	99	(24 - 152)			SW846 8260B
	111	(24 - 152)	11	(0-30)	SW846 8260B
2-Butanone (MEK)	38	(27 - 200)			SW846 8260B
	37	(27 - 200)	2.6	(0-46)	SW846 8260B
Carbon disulfide	105	(50 - 137)			SW846 8260B
	113	(50 - 137)	6.7	(0-30)	SW846 8260B
Carbon tetrachloride	87	(57 - 137)			SW846 8260B
	94	(57 - 137)	6.8	(0-30)	SW846 8260B
n-Hexane	103	(57 - 130)			SW846 8260B
	113	(57 - 130)	9.5	(0-30)	SW846 8260B
Chlorobenzene	**86**	**(75 - 127)**			**SW846 8260B**
	93	**(75 - 127)**	**8.6**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	88	(49 - 135)			SW846 8260B
	95	(49 - 135)	7.1	(0-30)	SW846 8260B
Chloroethane	85	(31 - 144)			SW846 8260B
	91	(31 - 144)	6.3	(0-30)	SW846 8260B
Chloroform	84	(73 - 115)			SW846 8260B
	92	(73 - 115)	9.1	(0-30)	SW846 8260B
Chloromethane	71	(15 - 136)			SW846 8260B
	77	(15 - 136)	7.6	(0-30)	SW846 8260B
1,1-Dichloroethane	82	(77 - 119)			SW846 8260B
	90	(77 - 119)	9.7	(0-30)	SW846 8260B
1,2-Dichloroethane	68 a	(78 - 121)			SW846 8260B
	74 a	(78 - 121)	8.0	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	100	(68 - 117)			SW846 8260B
	108	(68 - 117)	7.7	(0-30)	SW846 8260B
1,1-Dichloroethene	**103**	**(55 - 142)**			**SW846 8260B**
	110	**(55 - 142)**	**6.6**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	80	(78 - 116)			SW846 8260B
	88	(78 - 116)	9.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	82	(71 - 125)			SW846 8260B
	91	(71 - 125)	11	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	78	(67 - 125)			SW846 8260B
	85	(67 - 125)	7.9	(0-30)	SW846 8260B
Ethylbenzene	88	(79 - 114)			SW846 8260B
	96	(79 - 114)	8.7	(0-30)	SW846 8260B
2-Hexanone	31	(29 - 200)			SW846 8260B
	32	(29 - 200)	1.9	(0-41)	SW846 8260B
Methylene chloride	98	(58 - 130)			SW846 8260B
	105	(58 - 130)	6.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	47 a	(68 - 142)			SW846 8260B
	48 a	(68 - 142)	2.8	(0-60)	SW846 8260B
Styrene	93	(80 - 114)			SW846 8260B
	101	(80 - 114)	7.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	79	(70 - 133)			SW846 8260B
	84	(70 - 133)	6.0	(0-30)	SW846 8260B
Tetrachloroethene	86	(72 - 120)			SW846 8260B
	93	(72 - 120)	8.1	(0-30)	SW846 8260B
Toluene	**89**	**(71 - 130)**			**SW846 8260B**
	97	**(71 - 130)**	**8.5**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	82	(67 - 123)			SW846 8260B
	89	(67 - 123)	7.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	83	(82 - 116)			SW846 8260B
	88	(82 - 116)	5.7	(0-30)	SW846 8260B
Trichloroethene	**87**	**(70 - 131)**			**SW846 8260B**
	94	**(70 - 131)**	**7.4**	**(0-23)**	**SW846 8260B**
Vinyl chloride	86	(24 - 152)			SW846 8260B
	92	(24 - 152)	7.1	(0-30)	SW846 8260B
Xylenes (total)	91	(80 - 114)			SW846 8260B
	99	(80 - 114)	8.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
	82	(61 - 130)
Toluene-d8	102	(60 - 143)
	101	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	106	(47 - 158)
	105	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD
Prep Date.....: 06/25/04 **Analysis Date..:** 06/25/04
Prep Batch #...: 4180387
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	92	ug/kg	92		SW846 8260B
	100	100	ug/kg	100	8.0	SW846 8260B
cis-1,2-Dichloroethene	50	42	ug/kg	84		SW846 8260B
	50	46	ug/kg	91	8.2	SW846 8260B
Acetone	50	20 a	ug/kg	40		SW846 8260B
	50	20 a	ug/kg	39	2.9	SW846 8260B
Benzene	**50**	**45**	**ug/kg**	**90**		**SW846 8260B**
	50	**48**	**ug/kg**	**96**	**6.9**	**SW846 8260B**
Bromodichloromethane	50	42	ug/kg	84		SW846 8260B
	50	46	ug/kg	92	9.2	SW846 8260B
Bromoform	50	45	ug/kg	89		SW846 8260B
	50	47	ug/kg	94	5.1	SW846 8260B
Bromomethane	50	50	ug/kg	99		SW846 8260B
	50	55	ug/kg	111	11	SW846 8260B
2-Butanone (MEK)	50	19	ug/kg	38		SW846 8260B
	50	19	ug/kg	37	2.6	SW846 8260B
Carbon disulfide	50	53	ug/kg	105		SW846 8260B
	50	56	ug/kg	113	6.7	SW846 8260B
Carbon tetrachloride	50	44	ug/kg	87		SW846 8260B
	50	47	ug/kg	94	6.8	SW846 8260B
n-Hexane	50	52	ug/kg	103		SW846 8260B
	50	57	ug/kg	113	9.5	SW846 8260B
Chlorobenzene	**50**	**43**	**ug/kg**	**86**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**8.6**	**SW846 8260B**
Dibromochloromethane	50	44	ug/kg	88		SW846 8260B
	50	47	ug/kg	95	7.1	SW846 8260B
Chloroethane	50	43	ug/kg	85		SW846 8260B
	50	45	ug/kg	91	6.3	SW846 8260B
Chloroform	50	42	ug/kg	84		SW846 8260B
	50	46	ug/kg	92	9.1	SW846 8260B
Chloromethane	50	36	ug/kg	71		SW846 8260B
	50	38	ug/kg	77	7.6	SW846 8260B
1,1-Dichloroethane	50	41	ug/kg	82		SW846 8260B
	50	45	ug/kg	90	9.7	SW846 8260B
1,2-Dichloroethane	50	34 a	ug/kg	68		SW846 8260B
	50	37 a	ug/kg	74	8.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	50	ug/kg	100		SW846 8260B
	50	54	ug/kg	108	7.7	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**103**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**6.6**	**SW846 8260B**
1,2-Dichloropropane	50	40	ug/kg	80		SW846 8260B
	50	44	ug/kg	88	9.2	SW846 8260B
cis-1,3-Dichloropropene	50	41	ug/kg	82		SW846 8260B
	50	45	ug/kg	91	11	SW846 8260B
trans-1,3-Dichloropropene	50	39	ug/kg	78		SW846 8260B
	50	42	ug/kg	85	7.9	SW846 8260B
Ethylbenzene	50	44	ug/kg	88		SW846 8260B
	50	48	ug/kg	96	8.7	SW846 8260B
2-Hexanone	50	16	ug/kg	31		SW846 8260B
	50	16	ug/kg	32	1.9	SW846 8260B
Methylene chloride	50	49	ug/kg	98		SW846 8260B
	50	52	ug/kg	105	6.4	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	23 a	ug/kg	47		SW846 8260B
	50	24 a	ug/kg	48	2.8	SW846 8260B
Styrene	50	47	ug/kg	93		SW846 8260B
	50	50	ug/kg	101	7.9	SW846 8260B
1,1,2,2-Tetrachloroethane	50	40	ug/kg	79		SW846 8260B
	50	42	ug/kg	84	6.0	SW846 8260B
Tetrachloroethene	50	43	ug/kg	86		SW846 8260B
	50	47	ug/kg	93	8.1	SW846 8260B
Toluene	**50**	**45**	**ug/kg**	**89**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**8.5**	**SW846 8260B**
1,1,1-Trichloroethane	50	41	ug/kg	82		SW846 8260B
	50	44	ug/kg	89	7.6	SW846 8260B
1,1,2-Trichloroethane	50	42	ug/kg	83		SW846 8260B
	50	44	ug/kg	88	5.7	SW846 8260B
Trichloroethene	**50**	**43**	**ug/kg**	**87**		**SW846 8260B**
	50	**47**	**ug/kg**	**94**	**7.4**	**SW846 8260B**
Vinyl chloride	50	43	ug/kg	86		SW846 8260B
	50	46	ug/kg	92	7.1	SW846 8260B
Xylenes (total)	150	140	ug/kg	91		SW846 8260B
	150	150	ug/kg	99	8.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
	82	(61 - 130)
Toluene-d8	102	(60 - 143)
	101	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4F280000-387 GJ5XJ1AD-LCSD

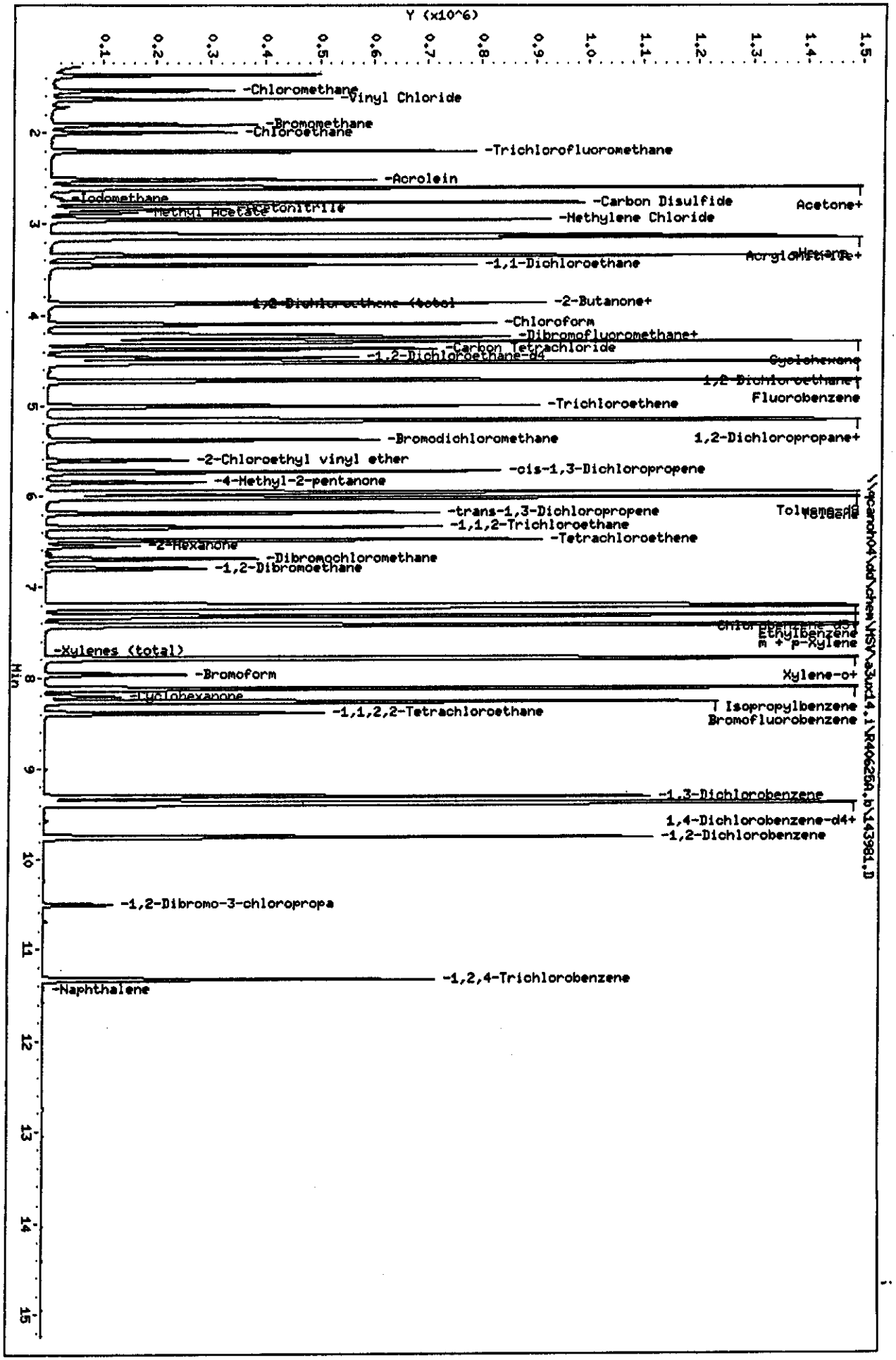
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	106	(47 - 158)
	105	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



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Client ID: GJ5XJ / AC
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ud14.i
Operator: 2807
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143981.D
Report Date: 25-Jun-2004 16:51

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143981.D
Lab Smp Id: CHECK
Inj Date : 25-JUN-2004 17:22
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECK
Misc Info : R40625A,8260SUX14,,2807,3
Comment :
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Meth Date : 25-Jun-2004 16:50 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1117792	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	638587	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	313590	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	233825	244.643	48.929
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	312930	211.160	42.232
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1120762	255.299	51.060
$	7 Bromofluorobenzene	95	8.268	8.269	(1.149)	427594	264.970	52.994
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	348297	224.490	44.898
	9 Chloromethane	50	1.534	1.534	(0.325)	326138	177.614	35.523
	10 Vinyl Chloride	62	1.631	1.625	(0.346)	372764	213.973	42.795
	11 Bromomethane	94	1.911	1.905	(0.405)	199954	248.423	49.684
	12 Chloroethane	64	1.996	1.990	(0.423)	232253	213.256	42.651
	13 Trichlorofluoromethane	101	2.203	2.197	(0.467)	468556	244.509	48.902
	15 Acrolein	56	2.519	2.520	(0.534)	373380	2024.50	404.90
	16 Acetone	43	2.629	2.629	(0.557)	67295	100.425	20.085
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	260147	256.399	51.280
	18 Freon-113	151	2.605	2.599	(0.552)	186384	306.882	61.376

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Report Date: 25-Jun-2004 16:51

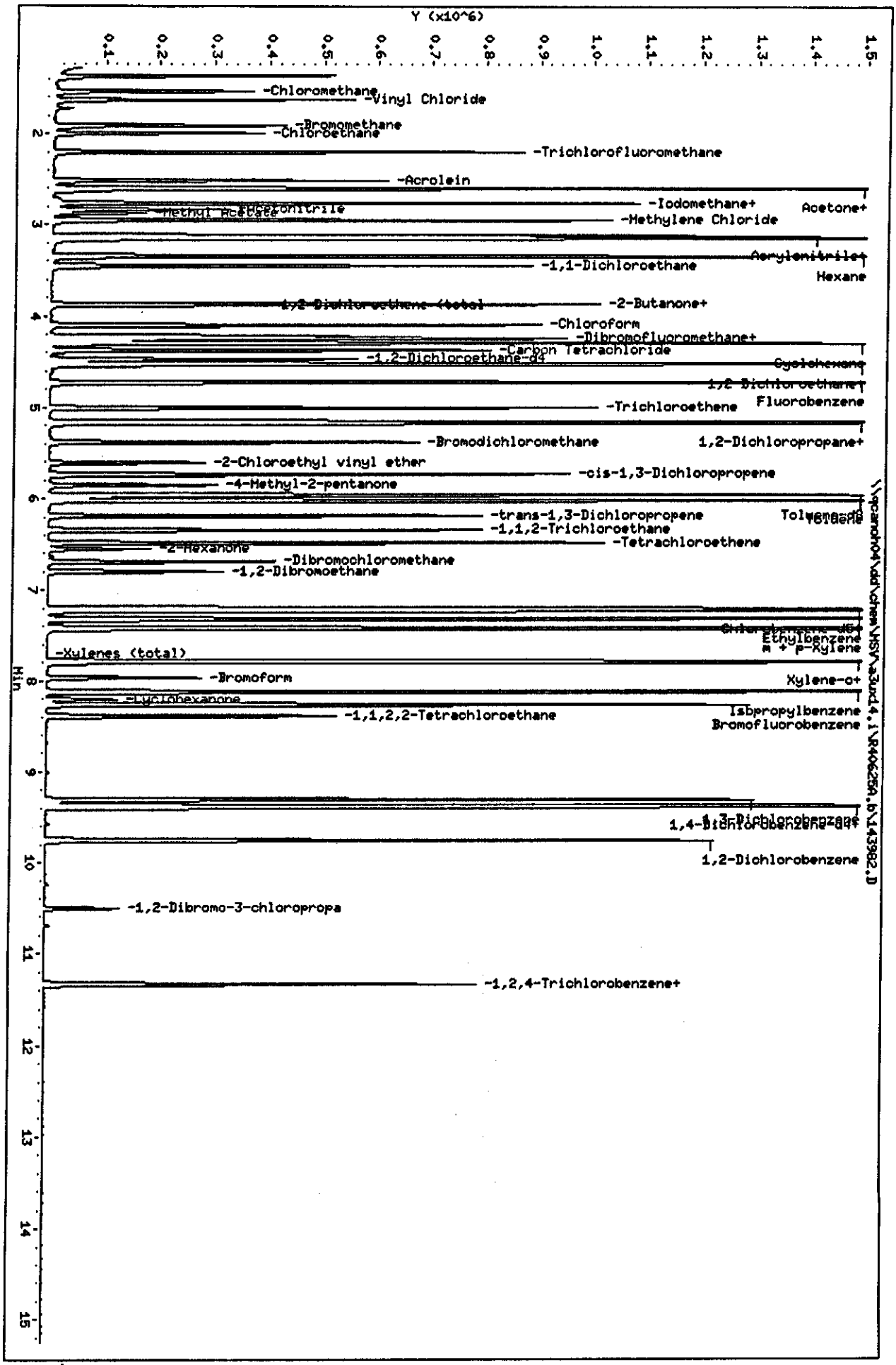
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
	19 Iodomethane	142	2.720	2.714	(0.576)	23139	49.0881	9.818
	20 Carbon Disulfide	76	2.769	2.763	(0.586)	1052852	263.099	52.620
	21 Methylene Chloride	84	2.951	2.951	(0.625)	331252	245.419	49.084
	22 Acetonitrile	41	2.830	2.830	(0.599)	251448	1818.51	363.70
	23 Acrylonitrile	53	3.122	3.122	(0.661)	771020	1847.24	369.45
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	724185	173.186	34.637
	25 trans-1,2-Dichloroethene	96	3.152	3.152	(0.668)	290096	249.955	49.991
	26 Hexane	86	3.353	3.353	(0.710)	95493	257.949	51.590
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	550538	204.094	40.819(R)
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	3.876	3.876	(0.821)	78706	95.9474	19.189(R)
M	31 1,2-Dichloroethene (total)	96				563151	460.304	92.061
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	273055	210.349	42.070(R)
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.101	4.101	(0.869)	496910	210.873	42.174(R)
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	434990	205.159	41.032(R)
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	345652	218.442	43.688
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	328099	170.651	34.130(R)
	41 Benzene	78	4.521	4.521	(0.957)	1267572	223.858	44.772
	42 Trichloroethene	130	5.008	5.008	(1.061)	222672	217.268	43.454
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	290492	199.735	39.947(R)
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	347909	209.466	41.893(R)
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	88031	416.217	83.243
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	427583	204.327	40.865(R)
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	147895	116.629	23.326(R)
	50 Toluene	91	6.018	6.018	(0.836)	1280808	223.603	44.720
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.860)	351784	195.251	39.050(R)
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.882)	195779	208.412	41.682(R)
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.486	6.486	(0.901)	175577	214.519	42.904
	56 2-Hexanone	43	6.547	6.547	(0.910)	92810	78.6332	15.727(R)
	57 Dibromochloromethane	129	6.693	6.693	(0.930)	173966	220.088	44.018
	58 1,2-Dibromoethane	107	6.796	6.796	(0.944)	170742	206.506	41.301
	59 Chlorobenzene	112	7.228	7.228	(1.004)	665448	214.357	42.871
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.319	7.319	(1.017)	393169	220.842	44.168(R)
	62 m + p-Xylene	106	7.423	7.423	(1.031)	1004647	456.467	91.293
M	63 Xylenes (total)	106				1461263	681.627	136.32
	64 Xylene-o	106	7.782	7.782	(1.081)	456616	225.160	45.032
	65 Styrene	104	7.794	7.794	(1.083)	768053	232.609	46.522

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143981.D
Report Date: 25-Jun-2004 16:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.107)	106682	222.796	44.559
67 Isopropylbenzene	105	8.122	8.123	(1.128)	1227410	224.208	44.842
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	251184	198.586	39.717(R)
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	389615	182.555	36.511
81 1,4-Dichlorobenzene	146	9.388	9.394	(1.002)	437776	203.620	40.724
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	375934	189.877	37.975
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	28995	188.795	37.759
85 1,2,4-Trichlorobenzene	180	11.328	11.329	(1.209)	196515	172.671	34.534
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.572	11.572	(1.235)	409	13.2936	2.659
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	52320	763.263	152.65
98 Cyclohexane	56	4.296	4.296	(0.910)	502901	176.750	35.350
143 Methyl Acetate	43	2.878	2.872	(0.610)	140331	170.238	34.048
144 Methylcyclohexane	83	5.160	5.160	(1.093)	571404	214.348	42.870
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.



Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R406250.b\143982.D
Date : 25-JUN-2004 17:46
Client ID: GJ5XJ1AD
Sample Info: CHECKDUP
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i
Operator: 2807
Column diameter: 0.18

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143982.D
Report Date: 25-Jun-2004 17:11

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143982.D
Lab Smp Id: CHECKDUP
Inj Date : 25-JUN-2004 17:46
Operator : 2807 Inst ID: a3ux14.i
Smp Info : CHECKDUP
Misc Info : R40625A,8260SUX14,,2807,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Meth Date : 25-Jun-2004 16:50 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 5 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1151404	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	657334	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	315732	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	239738	243.508	48.702
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	313019	205.054	41.011
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1143693	253.092	50.618
$	7 Bromofluorobenzene	95	8.268	8.269	(1.148)	437772	263.541	52.708
	8 Dichlorodifluoromethane	85	1.364	1.364	(0.289)	380880	238.325	47.665
	9 Chloromethane	50	1.534	1.534	(0.325)	362620	191.717	38.343
	10 Vinyl Chloride	62	1.631	1.625	(0.346)	412086	229.640	45.928
	11 Bromomethane	94	1.911	1.905	(0.405)	229437	276.731	55.346
	12 Chloroethane	64	1.996	1.990	(0.423)	254817	227.144	45.429
	13 Trichlorofluoromethane	101	2.203	2.197	(0.467)	514927	260.862	52.172
	15 Acrolein	56	2.519	2.520	(0.534)	385907	2031.34	406.27
	16 Acetone	43	2.629	2.629	(0.557)	67353	97.5773	19.515
	17 1,1-Dichloroethene	96	2.599	2.599	(0.550)	286125	273.770	54.754
	18 Freon-113	151	2.605	2.599	(0.552)	203033	324.536	64.907

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143982.D
Report Date: 25-Jun-2004 17:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	2.720	2.714	(0.576)	17144	40.9955	8.199
	20 Carbon Disulfide	76	2.769	2.763	(0.586)	1159572	281.308	56.262
	21 Methylene Chloride	84	2.951	2.951	(0.625)	363963	261.783	52.356
	22 Acetonitrile	41	2.830	2.830	(0.599)	251191	1763.62	352.72
	23 Acrylonitrile	53	3.122	3.122	(0.661)	803055	1867.82	373.56
	24 Methyl tert-butyl ether	73	3.152	3.152	(0.668)	806363	187.209	37.442
	25 trans-1,2-Dichloroethene	96	3.158	3.152	(0.669)	322903	270.100	54.020
	26 Hexane	86	3.353	3.353	(0.710)	108196	283.731	56.746
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.456	3.456	(0.732)	625211	225.010	45.002
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	3.876	3.876	(0.821)	79020	93.5181	18.704(R)
M	31 1,2-Dichloroethene (total)	96				628397	498.569	99.714
	32 cis-1,2-dichloroethene	96	3.876	3.876	(0.821)	305494	228.468	45.694
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.101	4.101	(0.869)	560659	230.980	46.196
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.247	4.247	(0.900)	483430	221.349	44.270
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.375	4.375	(0.927)	381154	233.847	46.769
	40 1,2-Dichloroethane	62	4.527	4.527	(0.959)	366236	184.926	36.985(R)
	41 Benzene	78	4.521	4.521	(0.957)	1399009	239.858	47.972
	42 Trichloroethene	130	5.008	5.008	(1.061)	247005	233.975	46.795
	43 1,2-Dichloropropane	63	5.178	5.178	(1.097)	328175	219.058	43.812
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.385	5.385	(1.140)	392730	229.548	45.910
	47 2-Chloroethyl vinyl ether	63	5.610	5.610	(1.188)	97965	444.131	88.826
	48 cis-1,3-Dichloropropene	75	5.738	5.738	(1.215)	489437	227.058	45.412
	49 4-Methyl-2-pentanone	43	5.853	5.853	(1.240)	156695	119.961	23.992(R)
	50 Toluene	91	6.018	6.018	(0.835)	1434913	243.362	48.672
	51 trans-1,3-Dichloropropene	75	6.188	6.188	(0.859)	391934	211.331	42.266(R)
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.346	6.346	(0.881)	213449	220.742	44.148
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.486	6.486	(0.900)	195978	232.616	46.523
	56 2-Hexanone	43	6.547	6.547	(0.909)	97341	80.1200	16.024(R)
	57 Dibromochloromethane	129	6.693	6.693	(0.929)	192333	236.385	47.277
	58 1,2-Dibromoethane	107	6.796	6.796	(0.943)	188594	221.592	44.318
	59 Chlorobenzene	112	7.228	7.228	(1.003)	746249	233.529	46.706
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.319	7.319	(1.016)	441597	240.970	48.194
	62 m + p-Xylene	106	7.423	7.423	(1.030)	1123246	495.798	99.160
M	63 Xylenes (total)	106				1633002	739.993	148.00
	64 Xylene-o	106	7.782	7.782	(1.080)	509756	244.195	48.839
	65 Styrene	104	7.794	7.794	(1.082)	856036	251.862	50.372

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143982.D
Report Date: 25-Jun-2004 17:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	7.970	7.970	(1.106)	115961	234.408	46.882
67 Isopropylbenzene	105	8.122	8.123	(1.127)	1369742	242.102	48.420
68 1,1,2,2-Tetrachloroethane	83	8.390	8.390	(0.895)	268568	210.890	42.178
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	9.309	9.309	(0.994)	437221	203.471	40.694
81 1,4-Dichlorobenzene	146	9.394	9.394	(1.003)	488532	225.686	45.137
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.753	9.753	(1.041)	418690	210.037	42.007
84 1,2-Dibromo-3-chloropropane	157	10.507	10.507	(1.121)	29750	192.062	38.412
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	216470	188.914	37.783
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	11.566	11.572	(1.234)	442	13.3025	2.660
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	8.208	8.208	(0.876)	48707	716.901	143.38
98 Cyclohexane	56	4.296	4.296	(0.910)	553455	188.839	37.768
143 Methyl Acetate	43	2.878	2.872	(0.610)	144891	170.638	34.128
144 Methylcyclohexane	83	5.160	5.160	(1.093)	634593	231.103	46.220
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AA **Matrix.....:** WATER
MB Lot-Sample #: A4F220000-292

Prep Date.....: 06/22/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/22/04 **Prep Batch #...:** 4174292
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Acetonitrile	ND	20	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
3-Chloropropene	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	50	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Isobutanol	ND	50	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJQ0J1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl methacrylate	ND	2.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Propionitrile	ND	4.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

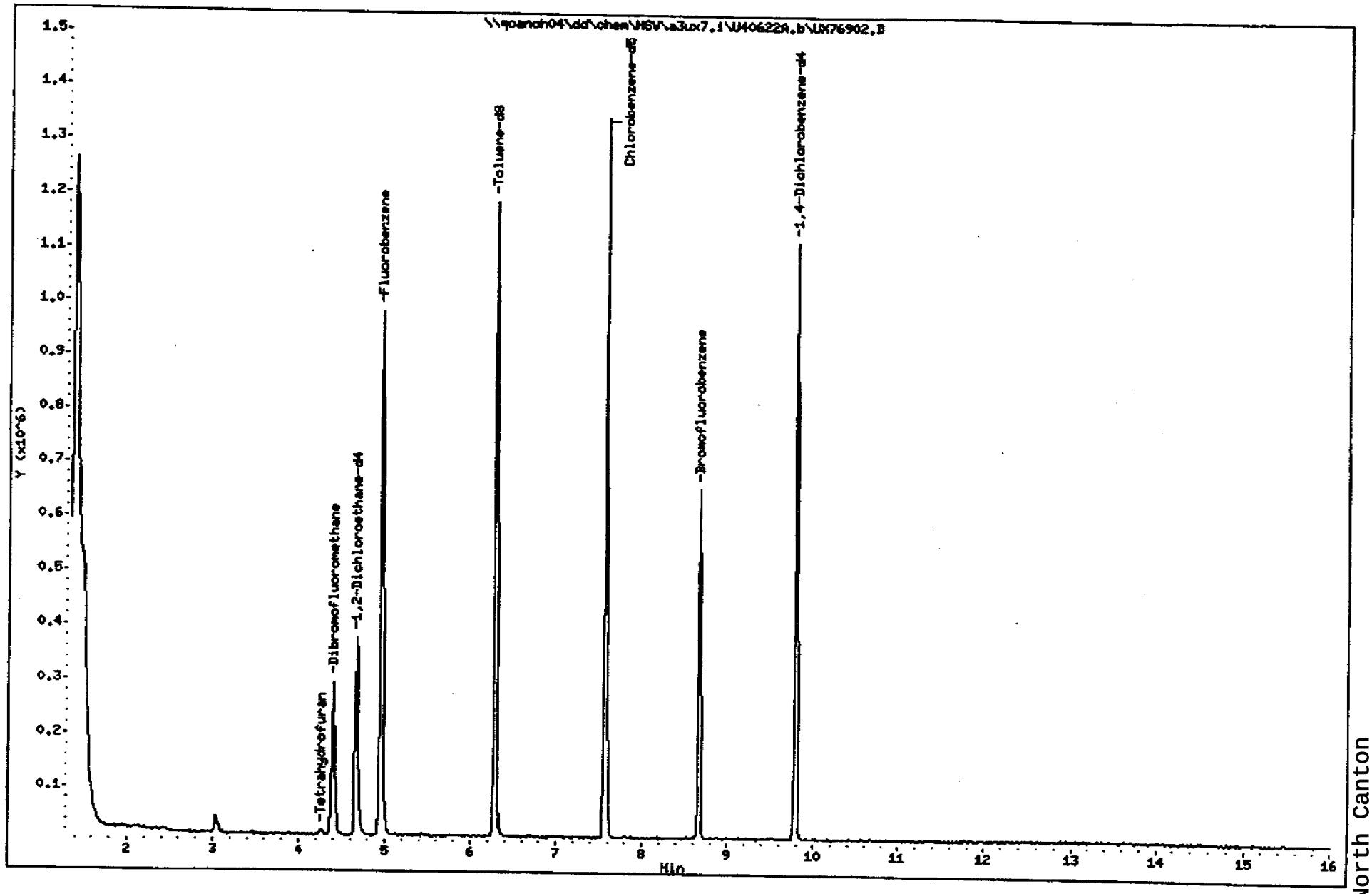
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	111	(61 - 128)
Toluene-d8	98	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76902.D
Date : 22-JUN-2004 09:21
Client ID: GJQ0J1AA
Sample Info: VOLBLANK,5ML/5ML
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 1754
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76902.D
Report Date: 22-Jun-2004 15:40

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76902.D
Lab Smp Id: GJQ0J1AA
Inj Date : 22-JUN-2004 09:21
Operator : 1754 Inst ID: a3ux7.i
Smp Info : VOLBLANK,5ML/5ML
Misc Info : U40622A,N8260UX7-3,,1754,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\N8260UX7-3.m
Meth Date : 22-Jun-2004 15:38 roachc Quant Type: ISTD
Cal Date : 21-APR-2004 11:55 Cal File: UX74913.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+ix.sub
Target Version: 4.04
Processing Host: CANPMSV03

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
* 1 Fluorobenzene	96	4.953	4.952	(1.000)	1021455	50.0000	
* 2 Chlorobenzene-d5	117	7.568	7.567	(1.000)	791379	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	300104	50.0000	
$ 4 Dibromofluoromethane	113	4.397	4.396	(0.888)	233919	50.7480	10.150
$ 5 1,2-Dichloroethane-d4	65	4.669	4.668	(0.943)	351879	55.4381	11.088
$ 6 Toluene-d8	98	6.278	6.278	(0.830)	863505	49.0271	9.805
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	262489	42.7933	8.559
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76902.D
Report Date: 22-Jun-2004 15:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	Compound Not Detected.					
21	Methylene Chloride	84	Compound Not Detected.					
22	Acetonitrile	41	Compound Not Detected.					
23	Acrylonitrile	53	Compound Not Detected.					
24	Methyl tert-butyl ether	73	Compound Not Detected.					
25	trans-1,2-Dichloroethene	96	Compound Not Detected.					
26	Hexane	86	Compound Not Detected.					
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	Compound Not Detected.					
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	Compound Not Detected.					
M 31	1,2-Dichloroethene (total)	96	Compound Not Detected.					
32	cis-1,2-dichloroethene	96	Compound Not Detected.					
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	Compound Not Detected.					
36	Tetrahydrofuran	42	4.255	4.254	(0.859)	8493	5.47366	1.095
37	1,1,1-Trichloroethane	97	Compound Not Detected.					
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	Compound Not Detected.					
40	1,2-Dichloroethane	62	Compound Not Detected.					
41	Benzene	78	Compound Not Detected.					
42	Trichloroethene	130	Compound Not Detected.					
43	1,2-Dichloropropane	63	Compound Not Detected.					
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	Compound Not Detected.					
47	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
48	cis-1,3-Dichloropropene	75	Compound Not Detected.					
49	4-Methyl-2-pentanone	43	Compound Not Detected.					
50	Toluene	91	Compound Not Detected.					
51	trans-1,3-Dichloropropene	75	Compound Not Detected.					
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	Compound Not Detected.					
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	Compound Not Detected.					
56	2-Hexanone	43	Compound Not Detected.					
57	Dibromochloromethane	129	Compound Not Detected.					
58	1,2-Dibromoethane	107	Compound Not Detected.					
59	Chlorobenzene	112	Compound Not Detected.					
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	Compound Not Detected.					
62	m + p-Xylene	106	Compound Not Detected.					
M 63	Xylenes (total)	106	Compound Not Detected.					
64	Xylene-o	106	Compound Not Detected.					
65	Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40622A.b\UX76902.D
Report Date: 22-Jun-2004 15:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
66	Bromoform	173	Compound Not Detected.					
67	Isopropylbenzene	105	Compound Not Detected.					
68	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
70	1,2,3-Trichloropropane	110	Compound Not Detected.					
71	Bromobenzene	156	Compound Not Detected.					
72	n-Propylbenzene	120	Compound Not Detected.					
73	2-Chlorotoluene	126	Compound Not Detected.					
74	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75	4-Chlorotoluene	126	Compound Not Detected.					
76	tert-Butylbenzene	119	Compound Not Detected.					
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78	sec-Butylbenzene	105	Compound Not Detected.					
79	4-Isopropyltoluene	119	Compound Not Detected.					
80	1,3-Dichlorobenzene	146	Compound Not Detected.					
81	1,4-Dichlorobenzene	146	Compound Not Detected.					
82	n-Butylbenzene	91	Compound Not Detected.					
83	1,2-Dichlorobenzene	146	Compound Not Detected.					
84	1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86	Hexachlorobutadiene	225	Compound Not Detected.					
87	Naphthalene	128	Compound Not Detected.					
88	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14	Dichlorofluoromethane	67	Compound Not Detected.					
89	Ethyl Ether	59	Compound Not Detected.					
91	3-Chloropropene	76	Compound Not Detected.					
92	Isopropyl Ether	87	Compound Not Detected.					
93	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94	Propionitrile	54	Compound Not Detected.					
95	Ethyl Acetate	43	Compound Not Detected.					
96	Methacrylonitrile	41	Compound Not Detected.					
97	Isobutanol	41	Compound Not Detected.					
99	n-Butanol	56	Compound Not Detected.					
100	Methyl Methacrylate	41	Compound Not Detected.					
101	2-Nitropropane	41	Compound Not Detected.					
103	Cyclohexanone	55	Compound Not Detected.					
98	Cyclohexane	56	Compound Not Detected.					
143	Methyl Acetate	43	Compound Not Detected.					
144	Methylcyclohexane	83	Compound Not Detected.					
141	1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanch04\dd\chem\HSV\a3ux7.i\U40622A.b\UX76902.D

Date : 22-JUN-2004 09:21

Client ID:

Instrument: a3ux7.i

Sample Info: VOLBLANK,5ML/5ML

Purge Volume: 5.0

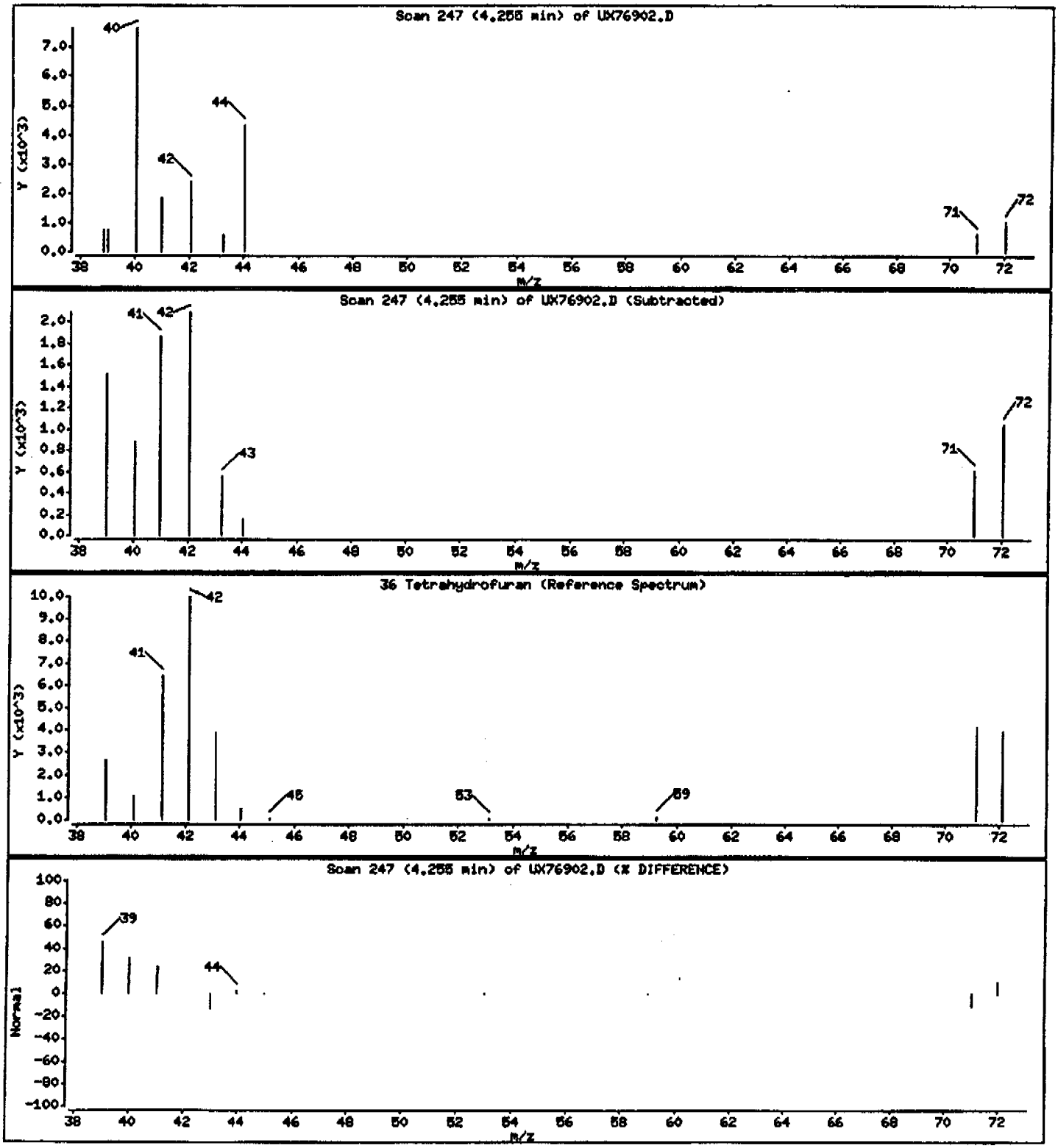
Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

36 Tetrahydrofuran

Concentration: 1.095 ug/L



METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F230000-475

Prep Date.....: 06/22/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/22/04 **Prep Batch #...:** 4175475
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJV3L1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
Toluene-d8	89	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N406228.b\UX94003.D

Date : 22-JUN-2004 21:37

Client ID: GJV3L1AA

Instrument: a3ux9.i

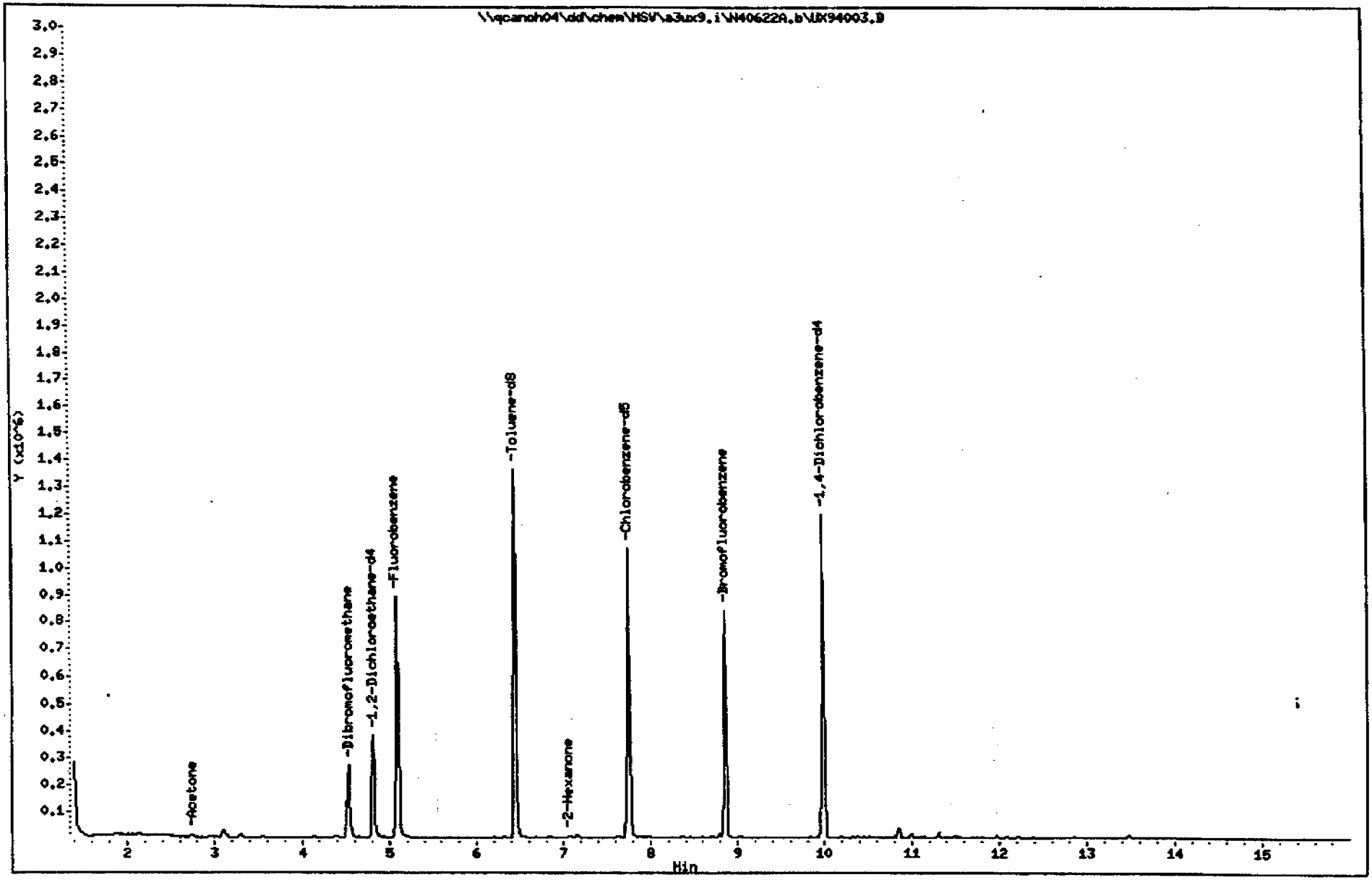
Sample Info: VBLK

Operator: 1819

Purge Volume: 5.0

Column diameter: 0.53

Column phase: DB624 75m



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\UX94003.D
Lab Smp Id: GJV3L1AA
Inj Date : 22-JUN-2004 21:37 Inst ID: a3ux9.i
Operator : 1819
Smp Info : VBLK
Misc Info : N40622A,8260SUX9-3,,1819,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40622A.b\8260SUX9-3.m
Meth Date : 23-Jun-2004 22:06 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000 Compound Sublist: 4-8260+A9.sub
Integrator: HP RTE
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1 Fluorobenzene	96	5.097	5.085	(1.000)	873837	250.000	
* 2 Chlorobenzene-d5	117	7.760	7.747	(1.000)	644287	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.984	9.984	(1.000)	307749	250.000	
$ 4 1,2-Dichloroethane-d4	65	4.813	4.813	(0.944)	256531	215.238	43.048
$ 5 Toluene-d8	98	6.446	6.446	(0.831)	692915	221.689	44.338
$ 6 Bromofluorobenzene	95	8.860	8.860	(1.142)	304440	192.109	38.422
$ 7 Dibromofluoromethane	113	4.529	4.529	(0.889)	180443	211.682	42.336
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Acrolein	56	Compound Not Detected.					
16 1,1-Dichloroethene	96	Compound Not Detected.					
15 Acetone	43	2.743	2.730	(0.538)	11577	12.1058	2.421
54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	56 Iodomethane	142	Compound Not Detected.					
	18 Carbon Disulfide	76	Compound Not Detected.					
	55 Acetonitrile	41	Compound Not Detected.					
	17 Methylene Chloride	84	Compound Not Detected.					
	19 Acrylonitrile	53	Compound Not Detected.					
	78 Methyl tert-butyl ether	73	Compound Not Detected.					
	84 Hexane	57	Compound Not Detected.					
	21 Vinyl acetate	43	Compound Not Detected.					
	22 1,1-Dichloroethane	63	Compound Not Detected.					
	23 2-Butanone	43	Compound Not Detected.					
	20 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	24 cis-1,2-dichloroethene	96	Compound Not Detected.					
M	25 1,2-Dichloroethane (total)	96	Compound Not Detected.					
	86 2,2-Dichloropropane	77	Compound Not Detected.					
	111 Bromochloromethane	128	Compound Not Detected.					
	79 Tetrahydrofuran	42	Compound Not Detected.					
	26 Chloroform	83	Compound Not Detected.					
	27 1,1,1-Trichloroethane	97	Compound Not Detected.					
	87 1,1-Dichloropropene	75	Compound Not Detected.					
	28 Carbon Tetrachloride	117	Compound Not Detected.					
	29 1,2-Dichloroethane	62	Compound Not Detected.					
	30 Benzene	78	Compound Not Detected.					
	31 Trichloroethene	130	Compound Not Detected.					
	32 1,2-Dichloropropane	63	Compound Not Detected.					
	63 1,4-Dioxane	88	Compound Not Detected.					
	64 Dibromomethane	93	Compound Not Detected.					
	33 Bromodichloromethane	83	Compound Not Detected.					
	34 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	36 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	35 4-Methyl-2-pentanone	43	Compound Not Detected.					
	37 Toluene	91	Compound Not Detected.					
	38 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	65 Ethyl Methacrylate	69	Compound Not Detected.					
	40 1,1,2-Trichloroethane	97	Compound Not Detected.					
	88 1,3-Dichloropropane	76	Compound Not Detected.					
	41 Tetrachloroethene	164	Compound Not Detected.					
	39 2-Hexanone	43	7.062	7.061	(0.910)	5779	3.53579	0.7072
	42 Dibromochloromethane	129	Compound Not Detected.					
	66 1,2-Dibromoethane	107	Compound Not Detected.					
	43 Chlorobenzene	112	Compound Not Detected.					
	44 Ethylbenzene	106	Compound Not Detected.					
	45 m + p-Xylene	106	Compound Not Detected.					
	46 Xylene-o	106	Compound Not Detected.					
M	47 Xylenes (total)	106	Compound Not Detected.					
	48 Styrene	104	Compound Not Detected.					
	49 Bromoform	173	Compound Not Detected.					
	85 Isopropylbenzene	105	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90	Bromobenzene	156	Compound Not Detected.					
68	1,2,3-Trichloropropane	75	Compound Not Detected.					
69	1,4-Dichloro-2-butene	53	Compound Not Detected.					
92	n-Propylbenzene	120	Compound Not Detected.					
91	2-Chlorotoluene	126	Compound Not Detected.					
94	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93	4-Chlorotoluene	126	Compound Not Detected.					
95	tert-Butylbenzene	119	Compound Not Detected.					
96	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97	sec-Butylbenzene	105	Compound Not Detected.					
51	1,3-Dichlorobenzene	146	Compound Not Detected.					
52	1,4-Dichlorobenzene	146	Compound Not Detected.					
53	1,2-Dichlorobenzene	146	Compound Not Detected.					
98	4-Isopropyltoluene	119	Compound Not Detected.					
99	n-Butylbenzene	91	Compound Not Detected.					
100	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102	Hexachlorobutadiene	225	Compound Not Detected.					
101	Naphthalene	128	Compound Not Detected.					
103	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82	tert-Butyl Alcohol	59	Compound Not Detected.					
57	3-Chloropropene	76	Compound Not Detected.					
58	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59	Propionitrile	54	Compound Not Detected.					
60	Methacrylonitrile	41	Compound Not Detected.					
61	Isobutanol	41	Compound Not Detected.					
62	Methyl Methacrylate	41	Compound Not Detected.					
67	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72	1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74	n-Butanol	56	Compound Not Detected.					
75	Ethyl Acetate	43	Compound Not Detected.					
76	Cyclohexanone	55	Compound Not Detected.					
77	Ethyl Ether	59	Compound Not Detected.					
80	Dichlorofluoromethane	67	Compound Not Detected.					
81	2-Nitropropane	41	Compound Not Detected.					
85	Isopropyl Ether	87	Compound Not Detected.					
138	Methyl Acetate	43	Compound Not Detected.					
139	Methylcyclohexane	83	Compound Not Detected.					
83	Cyclohexane	56	Compound Not Detected.					
137	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147	2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94003.D

Date : 22-JUN-2004 21:37

Client ID:

Sample Info: VBLK

Purge Volume: 5.0

Column phase: DB624 75m

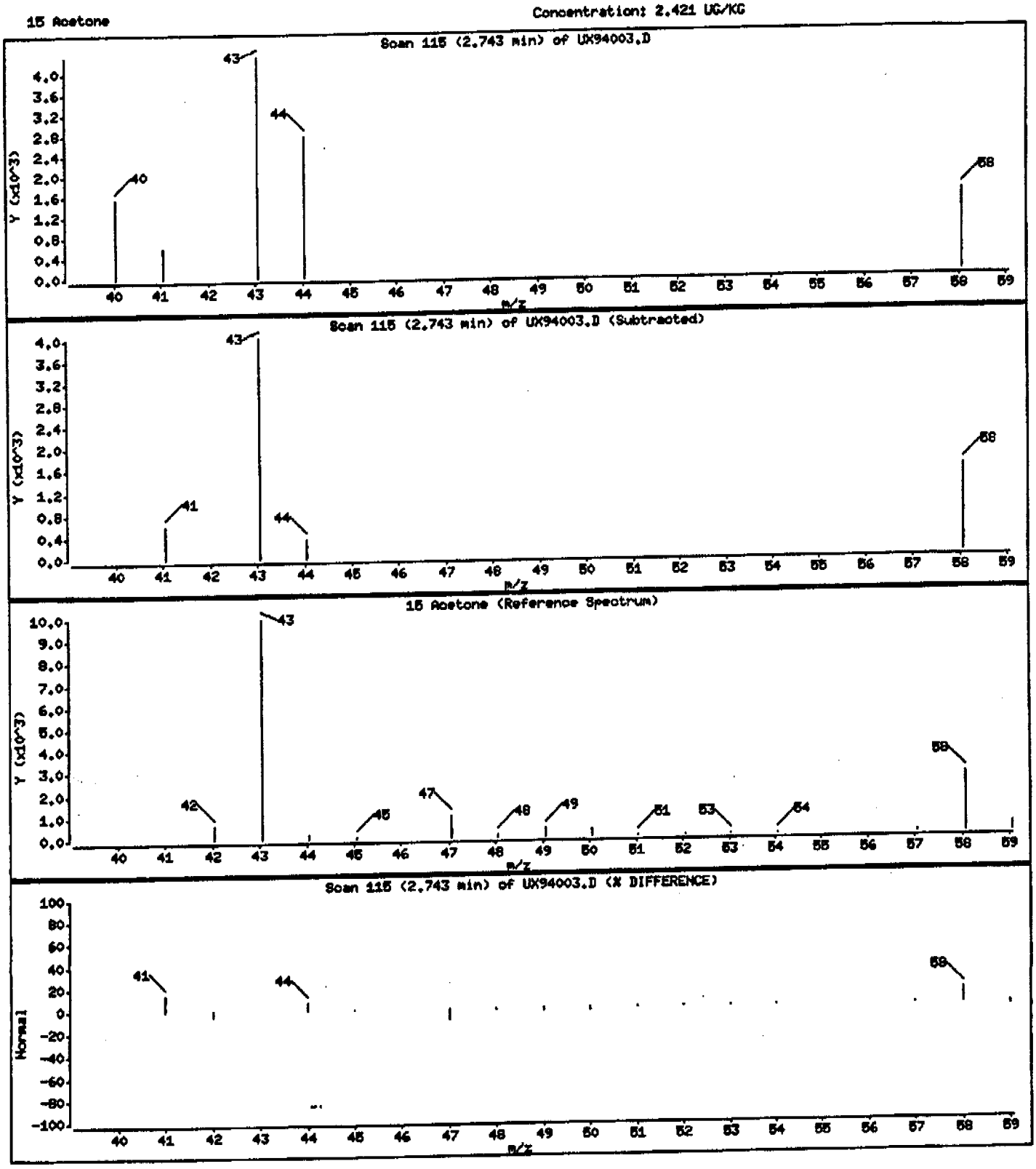
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 2.421 UG/KG

15 Acetone



Data File: \\qoanoh04\dd\chem\HSV\a3ux9.i\N40622A.b\UX94003.D

Date : 22-JUN-2004 21:37

Client ID:

Sample Info: VBLK

Purge Volume: 5.0

Column phase: DB624 75m

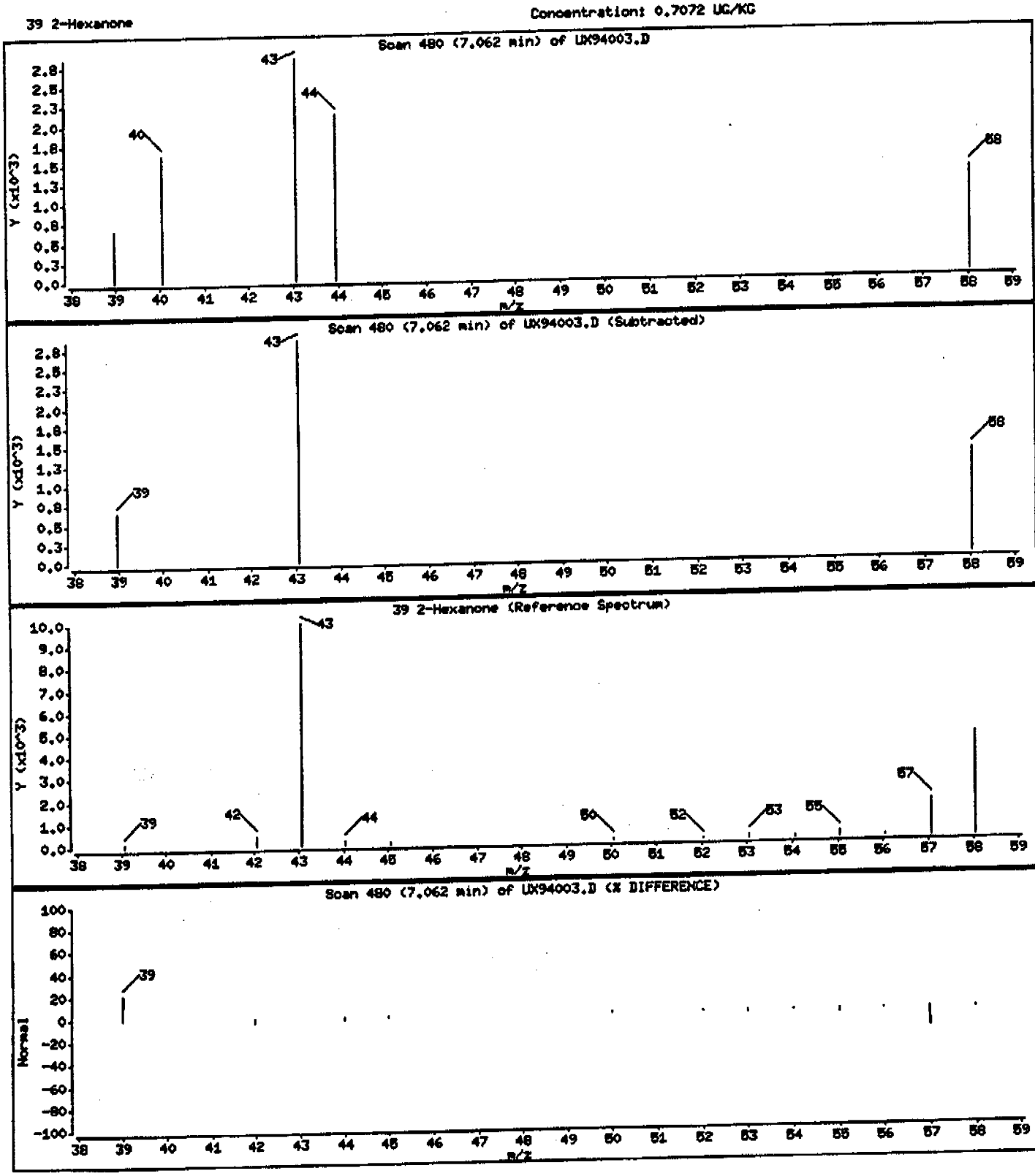
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.7072 UG/KG

39 2-Hexanone



METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F250000-561

Prep Date.....: 06/24/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/24/04 **Prep Batch #...:** 4177561
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**0.94 J**	**20**	**ug/kg**	**SW846 8260B**
Iodomethane	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ3251AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	73	(47 - 158)

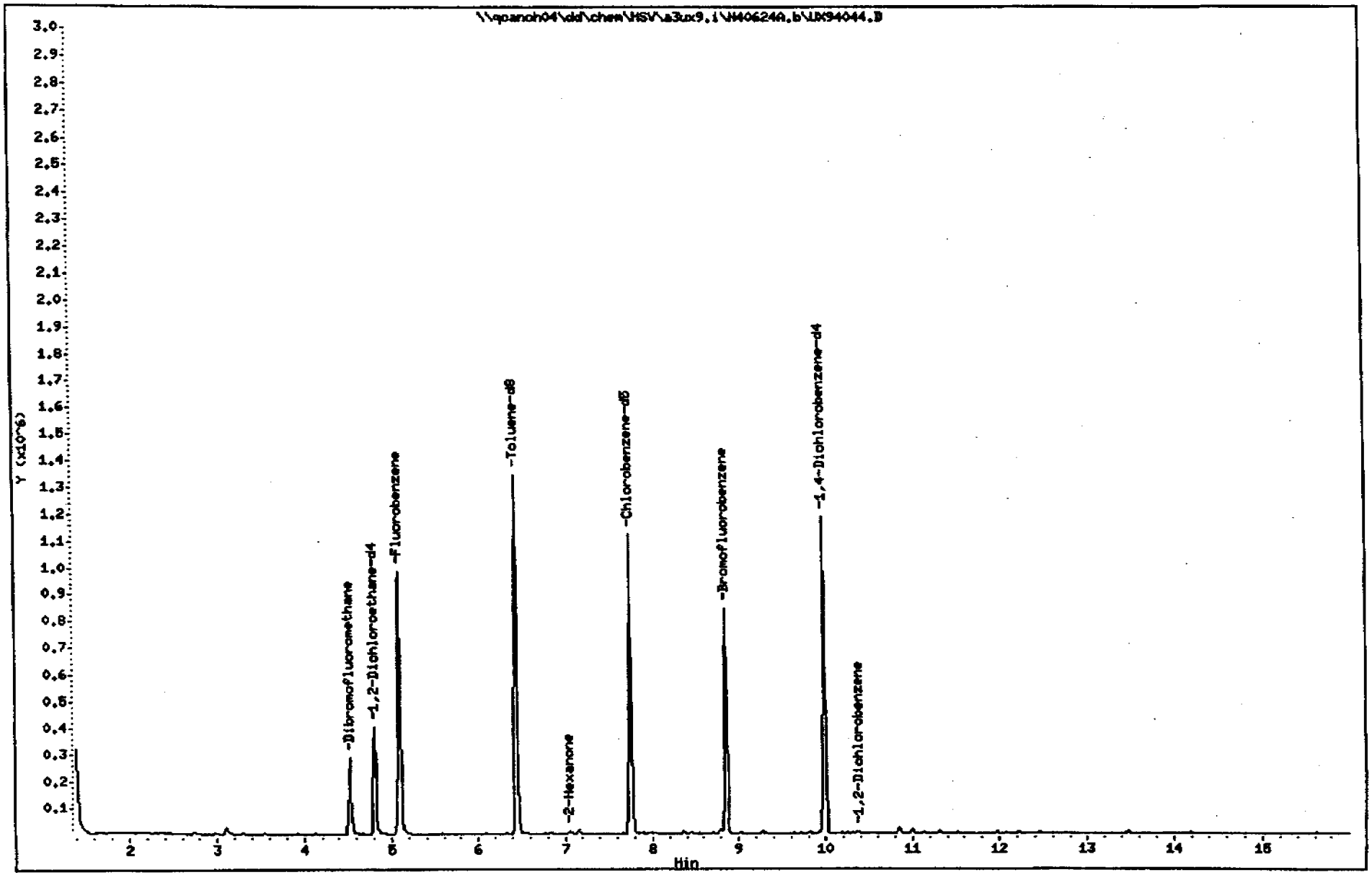
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\HH40624A.b\LBK94044.D
Date : 24-JUN-2004 21:33
Client ID: GJ3251AA
Sample Info: VBLK
Purge Volume: 5.0
Column phase: DB624 75m

Instrument: a3ux9.i
Operator: 1819
Column diameter: 0.53



STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94044.D
Lab Smp Id: GJ3251AA
Inj Date : 24-JUN-2004 21:33
Operator : 1819 Inst ID: a3ux9.i
Smp Info : VBLK
Misc Info : N40624A,8260SUX9-3,,1819,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\8260SUX9-3.m
Meth Date : 25-Jun-2004 21:12 mcdaniels Quant Type: ISTD
Cal Date : 12-FEB-2004 00:13 Cal File: UX91491.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+A9.sub
Target Version: 4.04
Processing Host: CANPMSV04

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	5.096	5.097	(1.000)	952824	250.000	
*	2 Chlorobenzene-d5	117	7.759	7.748	(1.000)	660028	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.983	9.984	(1.000)	304346	250.000	
$	4 1,2-Dichloroethane-d4	65	4.812	4.813	(0.944)	260295	200.291	40.058
$	5 Toluene-d8	98	6.445	6.446	(0.831)	870835	210.319	42.064
$	6 Bromofluorobenzene	95	8.859	8.860	(1.142)	299788	183.707	36.741
$	7 Dibromofluoromethane	113	4.528	4.529	(0.889)	187518	201.746	40.349
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	14 Acrolein	56	Compound Not Detected.					
	16 1,1-Dichloroethene	96	Compound Not Detected.					
	15 Acetone	43	Compound Not Detected.					
	54 Freon-113	151	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
56	Iodomethane	142	Compound Not Detected.					
18	Carbon Disulfide	76	Compound Not Detected.					
55	Acetonitrile	41	Compound Not Detected.					
17	Methylene Chloride	84	Compound Not Detected.					
19	Acrylonitrile	53	Compound Not Detected.					
78	Methyl tert-butyl ether	73	Compound Not Detected.					
84	Hexane	57	Compound Not Detected.					
21	Vinyl acetate	43	Compound Not Detected.					
22	1,1-Dichloroethane	63	Compound Not Detected.					
23	2-Butanone	43	Compound Not Detected.					
20	trans-1,2-Dichloroethene	96	Compound Not Detected.					
24	cis-1,2-dichloroethene	96	Compound Not Detected.					
M 25	1,2-Dichloroethene (total)	96	Compound Not Detected.					
86	2,2-Dichloropropane	77*	Compound Not Detected.					
111	Bromochloromethane	128	Compound Not Detected.					
79	Tetrahydrofuran	42	Compound Not Detected.					
26	Chloroform	83	Compound Not Detected.					
27	1,1,1-Trichloroethane	97	Compound Not Detected.					
87	1,1-Dichloropropene	75	Compound Not Detected.					
28	Carbon Tetrachloride	117	Compound Not Detected.					
29	1,2-Dichloroethane	62	Compound Not Detected.					
30	Benzene	78	Compound Not Detected.					
31	Trichloroethene	130	Compound Not Detected.					
32	1,2-Dichloropropane	63	Compound Not Detected.					
63	1,4-Dioxane	88	Compound Not Detected.					
64	Dibromomethane	93	Compound Not Detected.					
33	Bromodichloromethane	83	Compound Not Detected.					
34	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
36	cis-1,3-Dichloropropene	75	Compound Not Detected.					
35	4-Methyl-2-pentanone	43	Compound Not Detected.					
37	Toluene	91	Compound Not Detected.					
38	trans-1,3-Dichloropropene	75	Compound Not Detected.					
65	Ethyl Methacrylate	69	Compound Not Detected.					
40	1,1,2-Trichloroethane	97	Compound Not Detected.					
88	1,3-Dichloropropane	76	Compound Not Detected.					
41	Tetrachloroethene	164	Compound Not Detected.					
39	2-Hexanone	43	7.060	7.061	(0.910)	7832	4.67760	0.9355
42	Dibromochloromethane	129	Compound Not Detected.					
66	1,2-Dibromoethane	107	Compound Not Detected.					
43	Chlorobenzene	112	Compound Not Detected.					
44	Ethylbenzene	106	Compound Not Detected.					
45	m + p-Xylene	106	Compound Not Detected.					
46	Xylene-o	106	Compound Not Detected.					
M 47	Xylenes (total)	106	Compound Not Detected.					
48	Styrene	104	Compound Not Detected.					
49	Bromoform	173	Compound Not Detected.					
89	Isopropylbenzene	105	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
50 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
90 Bromobenzene	156	Compound Not Detected.					
68 1,2,3-Trichloropropane	75	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
92 n-Propylbenzene	120	Compound Not Detected.					
91 2-Chlorotoluene	126	Compound Not Detected.					
94 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
93 4-Chlorotoluene	126	Compound Not Detected.					
95 tert-Butylbenzene	119	Compound Not Detected.					
96 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
97 sec-Butylbenzene	105	Compound Not Detected.					
51 1,3-Dichlorobenzene	146	Compound Not Detected.					
52 1,4-Dichlorobenzene	146	Compound Not Detected.					
53 1,2-Dichlorobenzene	146	10.374	10.374	(1.039)	3440	1.56844	0.3137
98 4-Isopropyltoluene	119	Compound Not Detected.					
99 n-Butylbenzene	91	Compound Not Detected.					
100 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
102 Hexachlorobutadiene	225	Compound Not Detected.					
101 Naphthalene	128	Compound Not Detected.					
103 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
82 tert-Butyl Alcohol	59	Compound Not Detected.					
57 3-Chloropropene	76	Compound Not Detected.					
58 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
59 Propionitrile	54	Compound Not Detected.					
60 Methacrylonitrile	41	Compound Not Detected.					
61 Isobutanol	41	Compound Not Detected.					
62 Methyl Methacrylate	41	Compound Not Detected.					
67 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
72 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
74 n-Butanol	56	Compound Not Detected.					
75 Ethyl Acetate	43	Compound Not Detected.					
76 Cyclohexanone	55	Compound Not Detected.					
77 Ethyl Ether	59	Compound Not Detected.					
80 Dichlorofluoromethane	67	Compound Not Detected.					
81 2-Nitropropane	41	Compound Not Detected.					
85 Isopropyl Ether	87	Compound Not Detected.					
138 Methyl Acetate	43	Compound Not Detected.					
139 Methylcyclohexane	83	Compound Not Detected.					
83 Cyclohexane	56	Compound Not Detected.					
137 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
147 2-Methylnapthalene	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux9.i\N40624A.b\UX94044.D

Date : 24-JUN-2004 21:33

Client ID:

Sample Info: VBLK

Purge Volume: 5.0

Column phase: DB624 75m

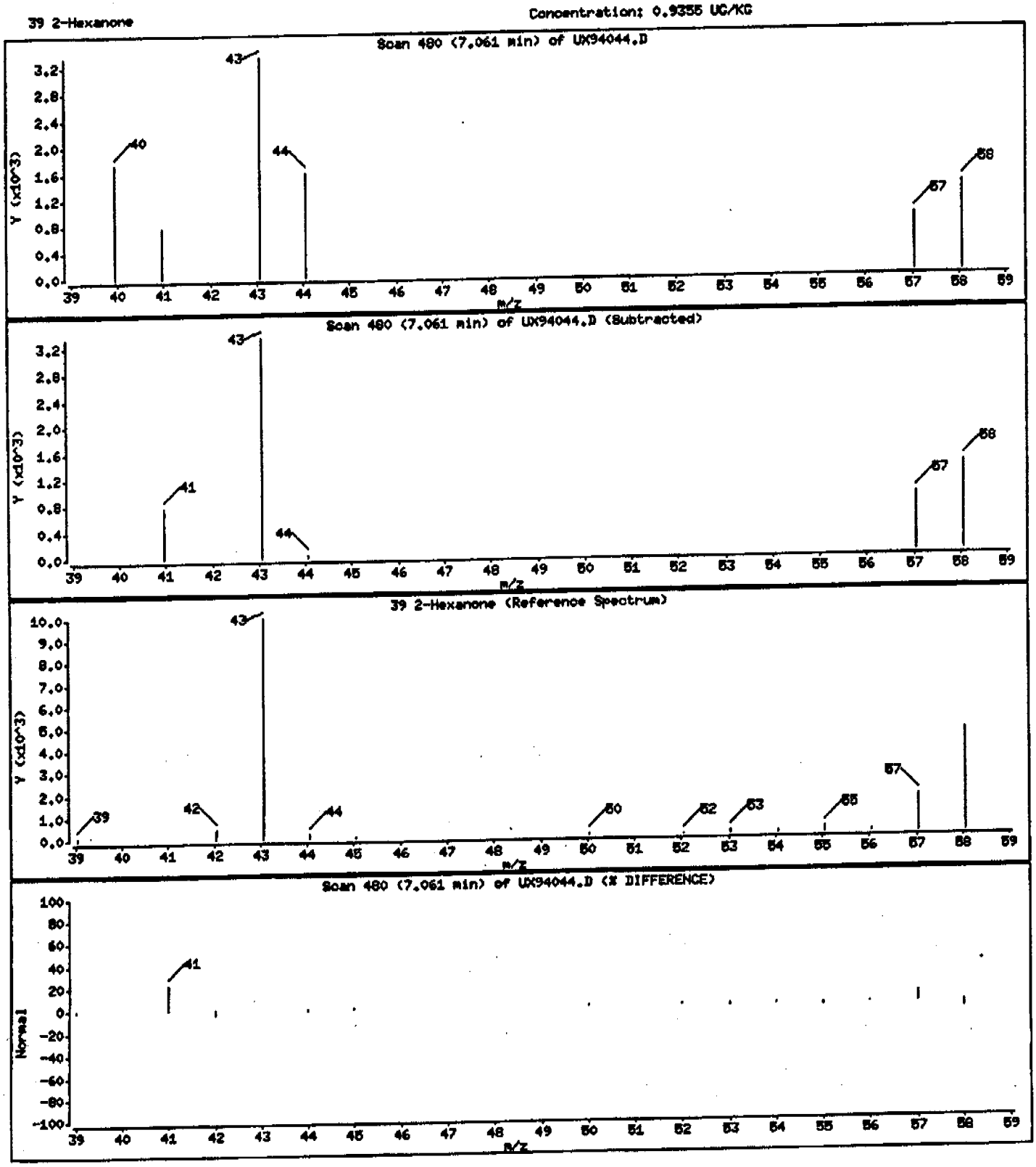
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.9355 UG/KG

39 2-Hexanone



Data File: \\qcanoh04\dd\chem\MSV\a3ux9.i\N40624A.b\UX94044.D

Date : 24-JUN-2004 21:33

Client ID:

Sample Info: VBLK

Purge Volume: 5.0

Column phase: DB624 75m

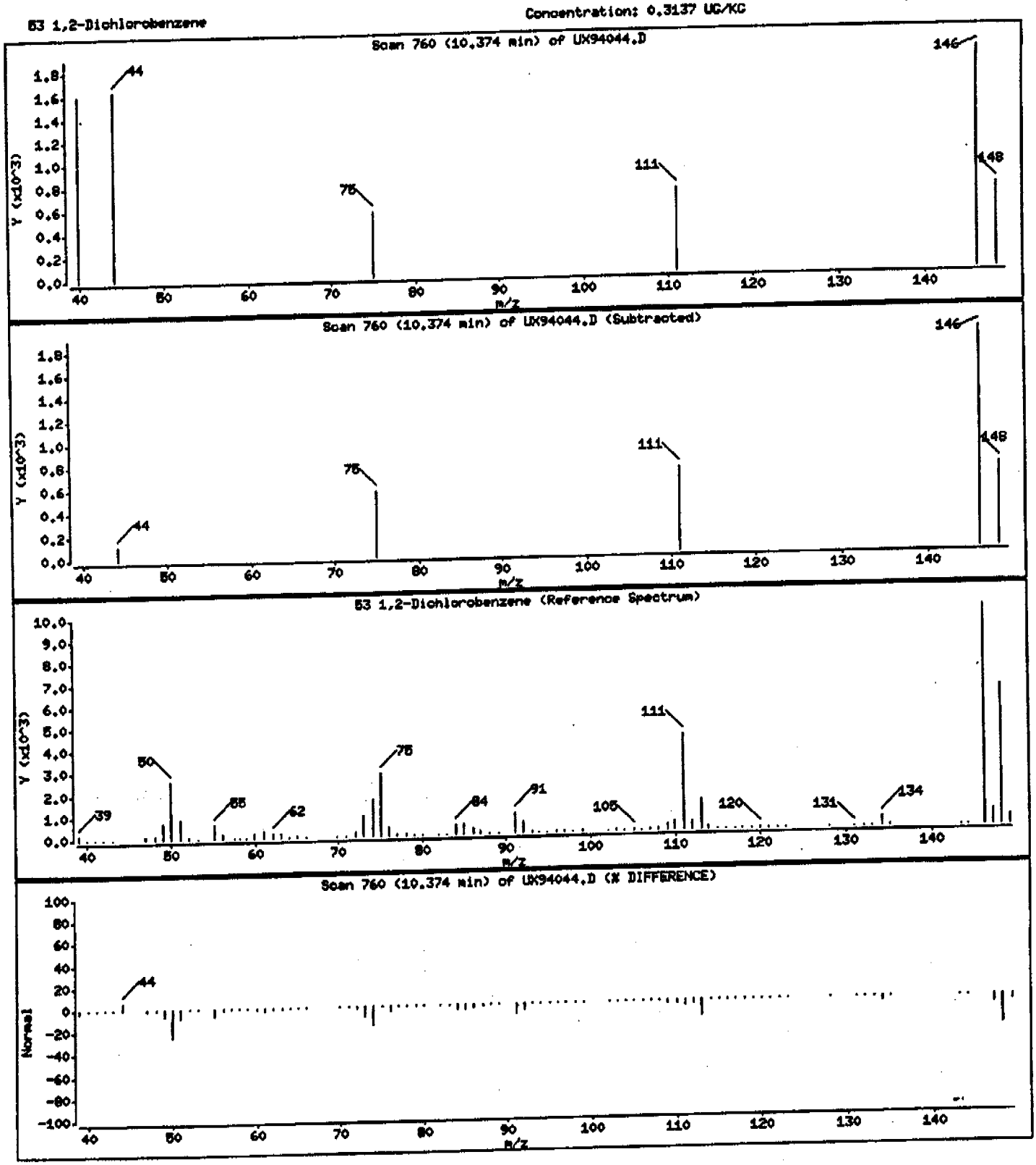
Instrument: a3ux9.i

Operator: 1819

Column diameter: 0.53

Concentration: 0.3137 UG/KG

53 1,2-Dichlorobenzene



METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AA **Matrix.....:** WATER
MB Lot-Sample #: A4F230000-141

Prep Date.....: 06/22/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/22/04 **Prep Batch #...:** 4175141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**1.1 J**	**10**	**ug/L**	**SW846 8260B**
Acetonitrile	ND	20	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Benzene	**0.57 J**	**1.0**	**ug/L**	**SW846 8260B**
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroprene	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
3-Chloropropene	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	2.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	50	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Isobutanol	ND	50	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJR331AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl methacrylate	ND	2.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Propionitrile	ND	4.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	86	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

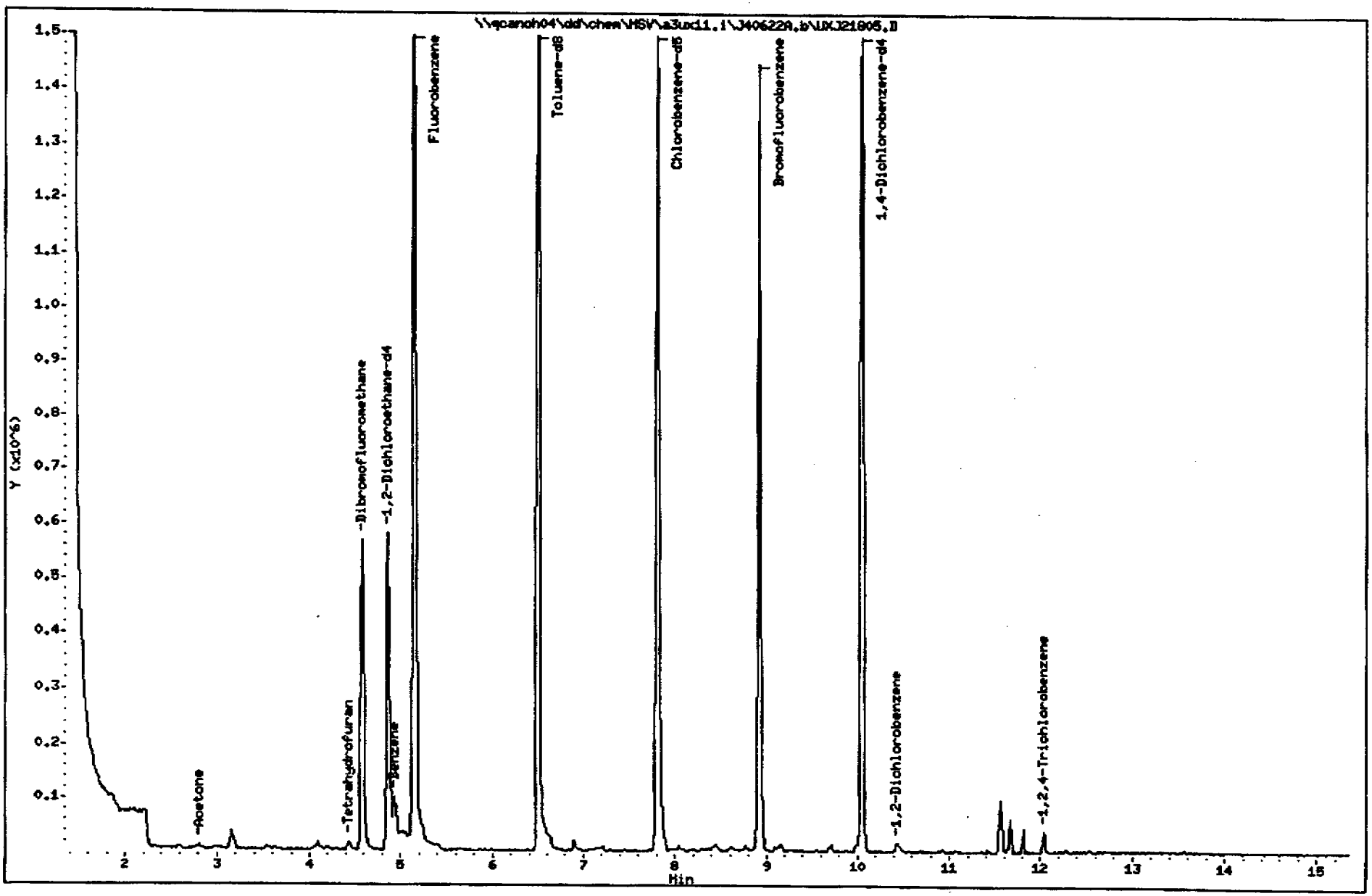
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ucl1.i\J406220.b\UXJ21805.D
Date : 22-JUN-2004 11:53
Client ID: GJR331AA
Sample Info: VBLK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucl1.i
Operator: 43582
Column diameter: 0.18



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STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D
Report Date: 23-Jun-2004 08:37

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D
Lab Smp Id: VBLK
Inj Date : 22-JUN-2004 11:53
Operator : 43582 Inst ID: a3ux11.i
Smp Info : VBLK
Misc Info : J40622A,8260LLUX11,,43582,3,,BLANK,,0
Comment :
Method : \\QCANOH04\dd\chem\MSV\a3ux11.i\J40622A.b\8260LLUX11.m
Meth Date : 23-Jun-2004 08:35 evansl Quant Type: ISTD
Cal Date : 20-MAY-2004 15:24 Cal File: UXJ20857.D
Als bottle: 8 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV07

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
*	1 Fluorobenzene	96	5.147	5.147	(1.000)	2222863	50.0000	
*	2 Chlorobenzene-d5	117	7.810	7.810	(1.000)	1656706	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	636889	50.0000	
$	4 Dibromofluoromethane	113	4.579	4.579	(0.890)	419445	45.0963	9.019
$	5 1,2-Dichloroethane-d4	65	4.863	4.863	(0.945)	528249	48.3389	9.668
$	6 Toluene-d8	98	6.496	6.496	(0.832)	1814759	42.8235	8.565
$	7 Bromofluorobenzene	95	8.910	8.910	(1.141)	655557	41.0127	8.202
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	2.805	2.793	(0.545)	20612	5.31878	✓1.064
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D
Report Date: 23-Jun-2004 08:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	Compound Not Detected.					
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	4.426	4.437	(0.860)	10602	3.71078	0.7422
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	4.934	4.923	(0.959)	143286	2.85433	0.5709
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D
Report Date: 23-Jun-2004 08:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	10.449	10.437	(1.040)	10111	0.65320	0.1306
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	12.034	12.034	(1.198)	16554	3.06688	0.6134
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					

Data File: \\qcanch04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D

Date : 22-JUN-2004 11:53

Client ID:

Instrument: a3ux11.i

Sample Info: VBLK

Purge Volume: 5.0

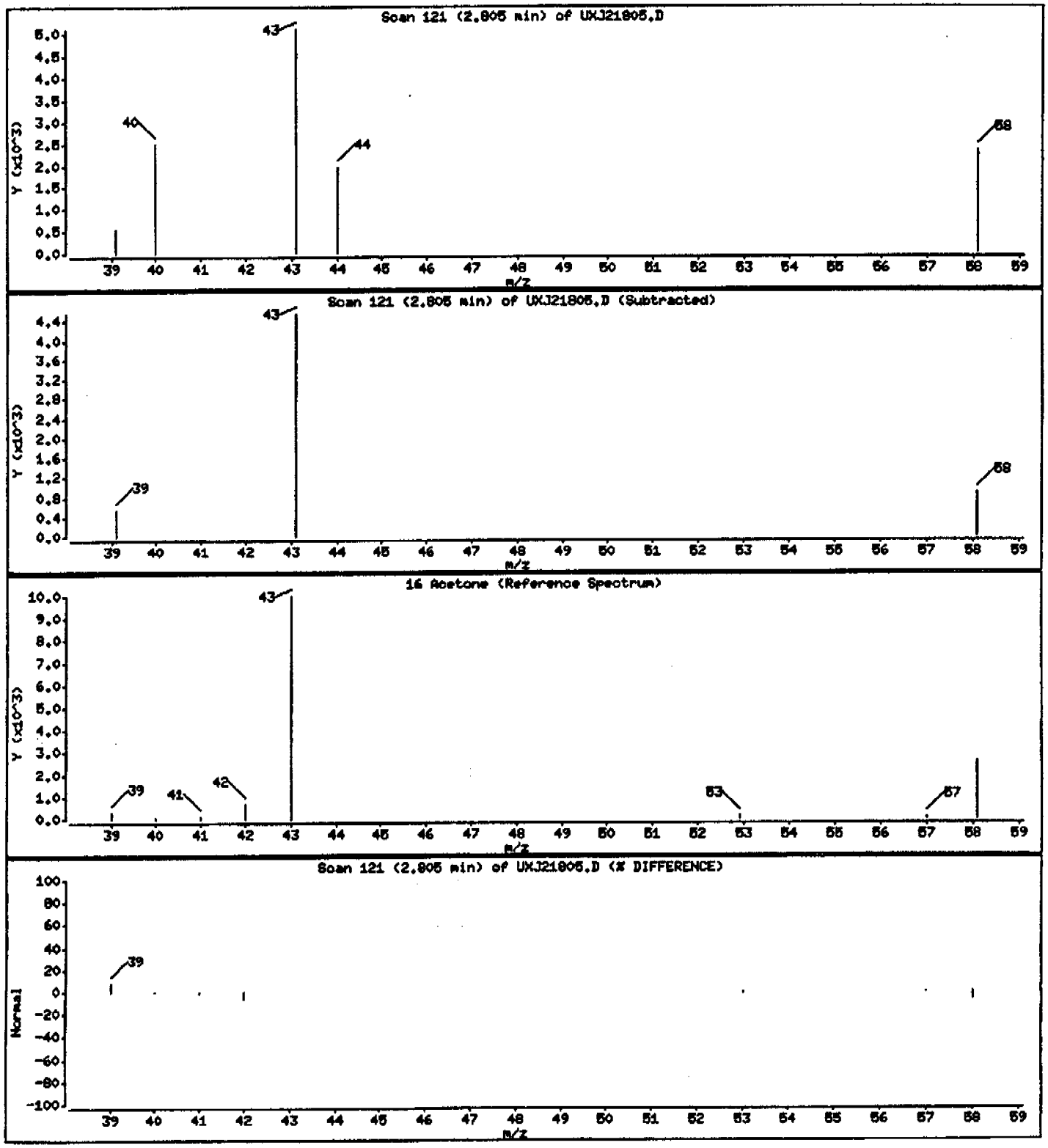
Operator: 43582

Column phase: DB624

Column diameter: 0.18

16 Acetone

Concentration: 1.064 ug/L



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Date : 22-JUN-2004 11:53

Client ID:

Instrument: a3ux11.i

Sample Info: VBLK

Purge Volume: 5.0

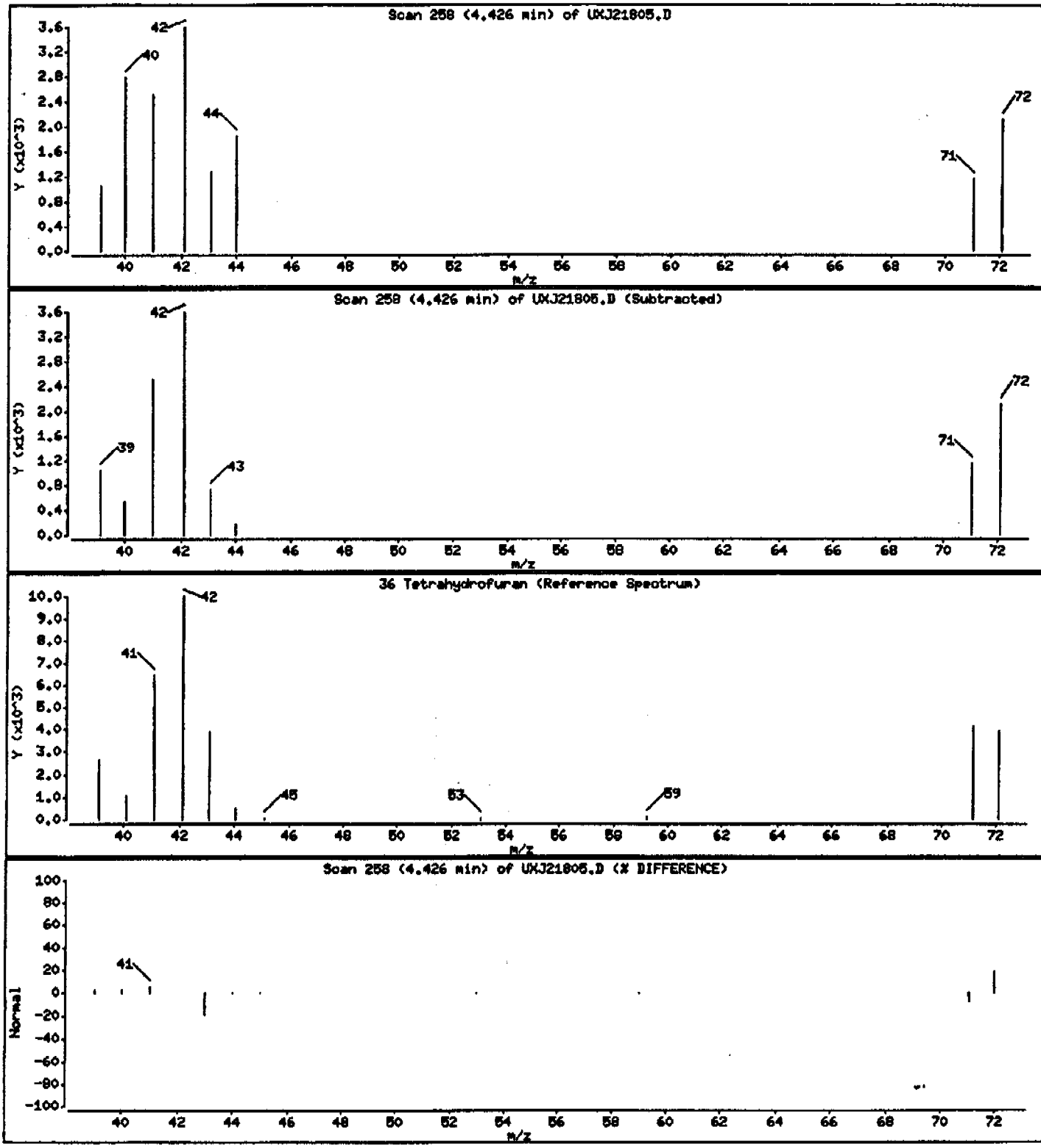
Operator: 43582

Column phase: DB624

Column diameter: 0.18

36 Tetrahydrofuran

Concentration: 0.7422 ug/L



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Date : 22-JUN-2004 11:53

Client ID:

Instrument: a3ux11.i

Sample Info: VBLK

Purge Volume: 5.0

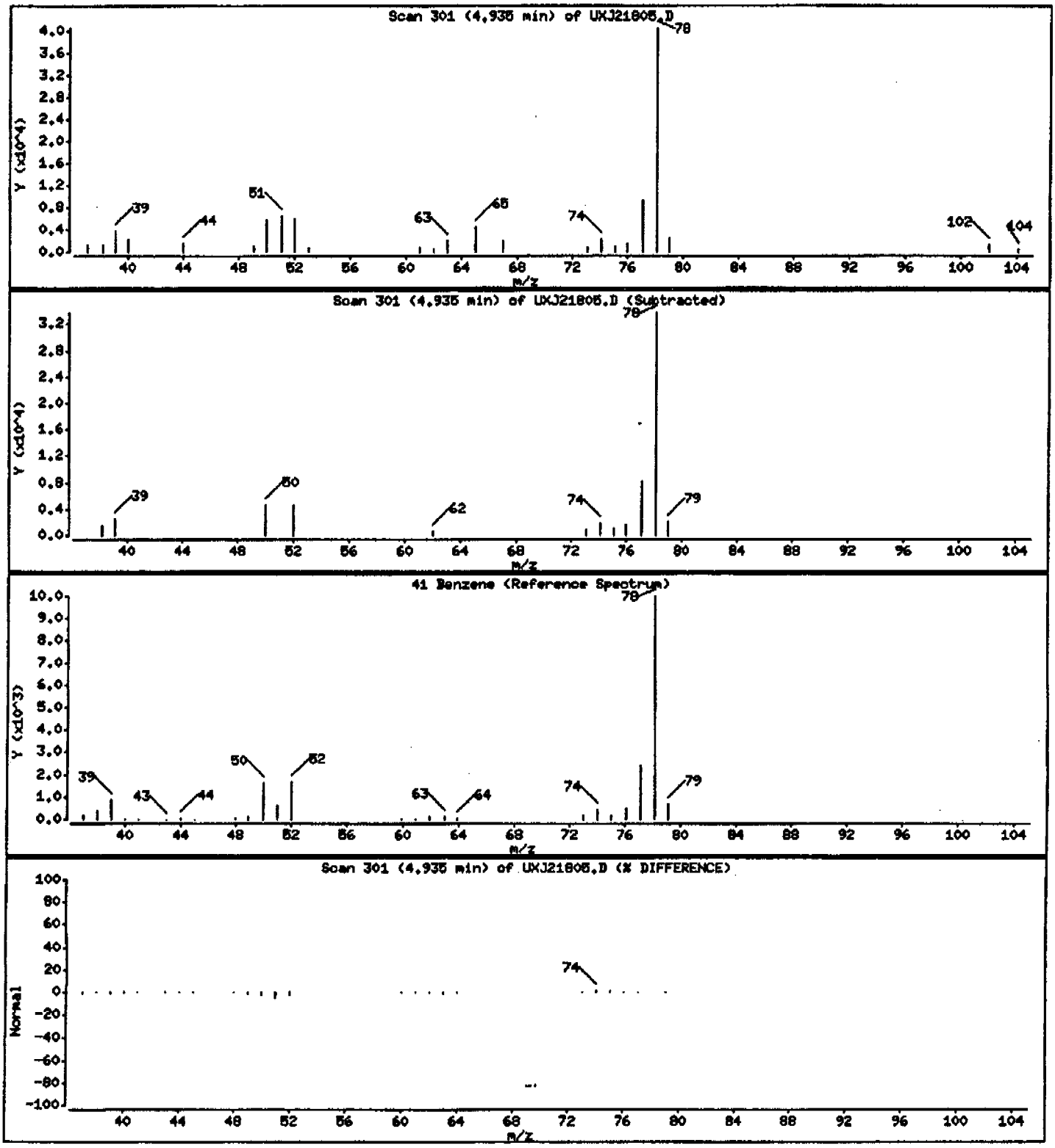
Operator: 43582

Column phase: DB624

Column diameter: 0.18

41 Benzene

Concentration: 0.5709 ug/L



Data File: \\qcanoh04\dd\chem\MSV\a3ux11.i\J406229.b\UXJ21805.D

Date : 22-JUN-2004 11:53

Client ID:

Instrument: a3ux11.i

Sample Info: VBLK

Purge Volume: 5.0

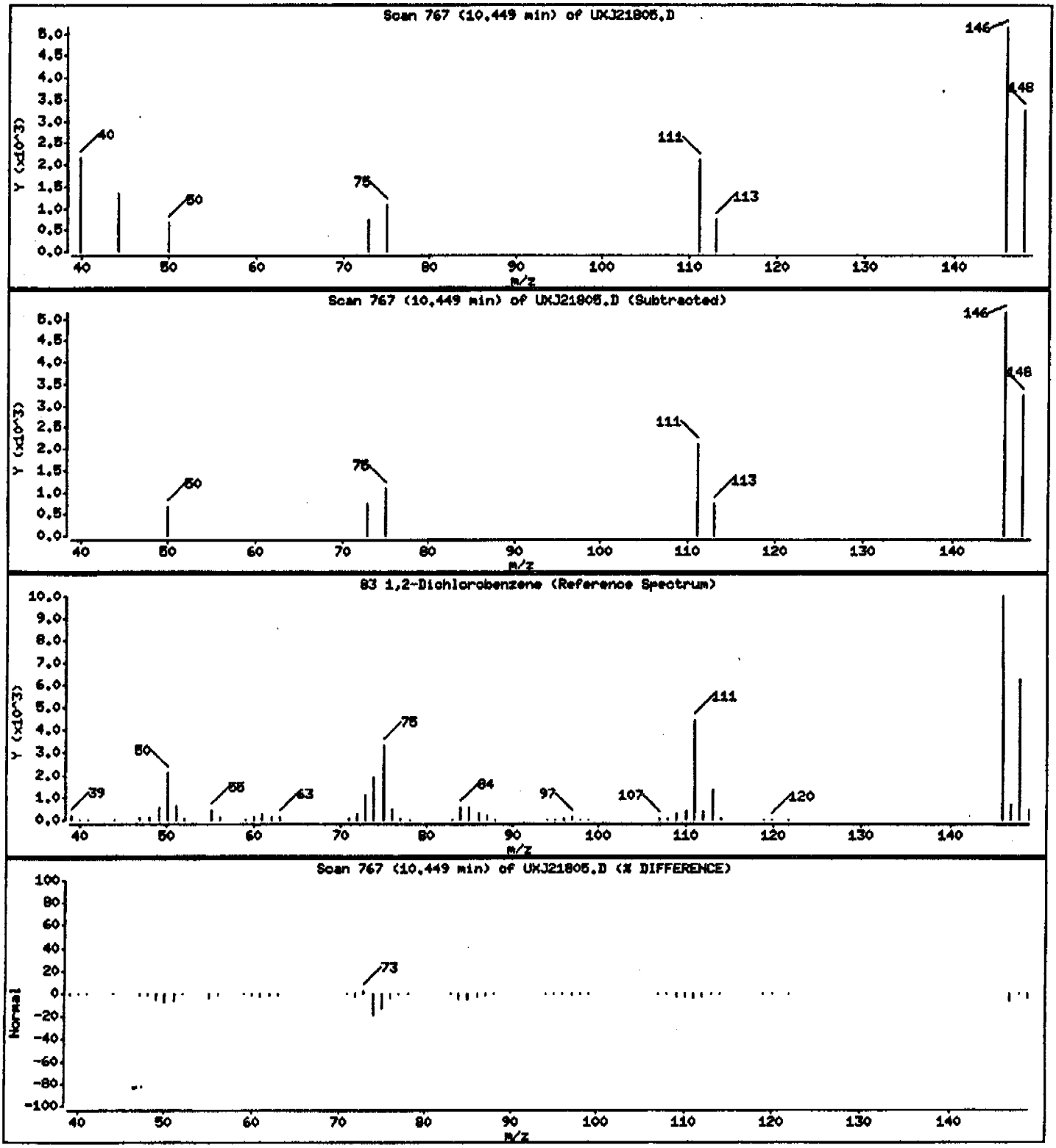
Operator: 43582

Column phase: DB624

Column diameter: 0.18

83 1,2-Dichlorobenzene

Concentration: 0.1306 ug/L



Data File: \\qcanch04\dd\chem\MSV\a3ux11.i\J40622A.b\UXJ21805.D

Date : 22-JUN-2004 11:53

Client ID:

Instrument: a3ux11.i

Sample Info: VBLK

Purge Volume: 5.0

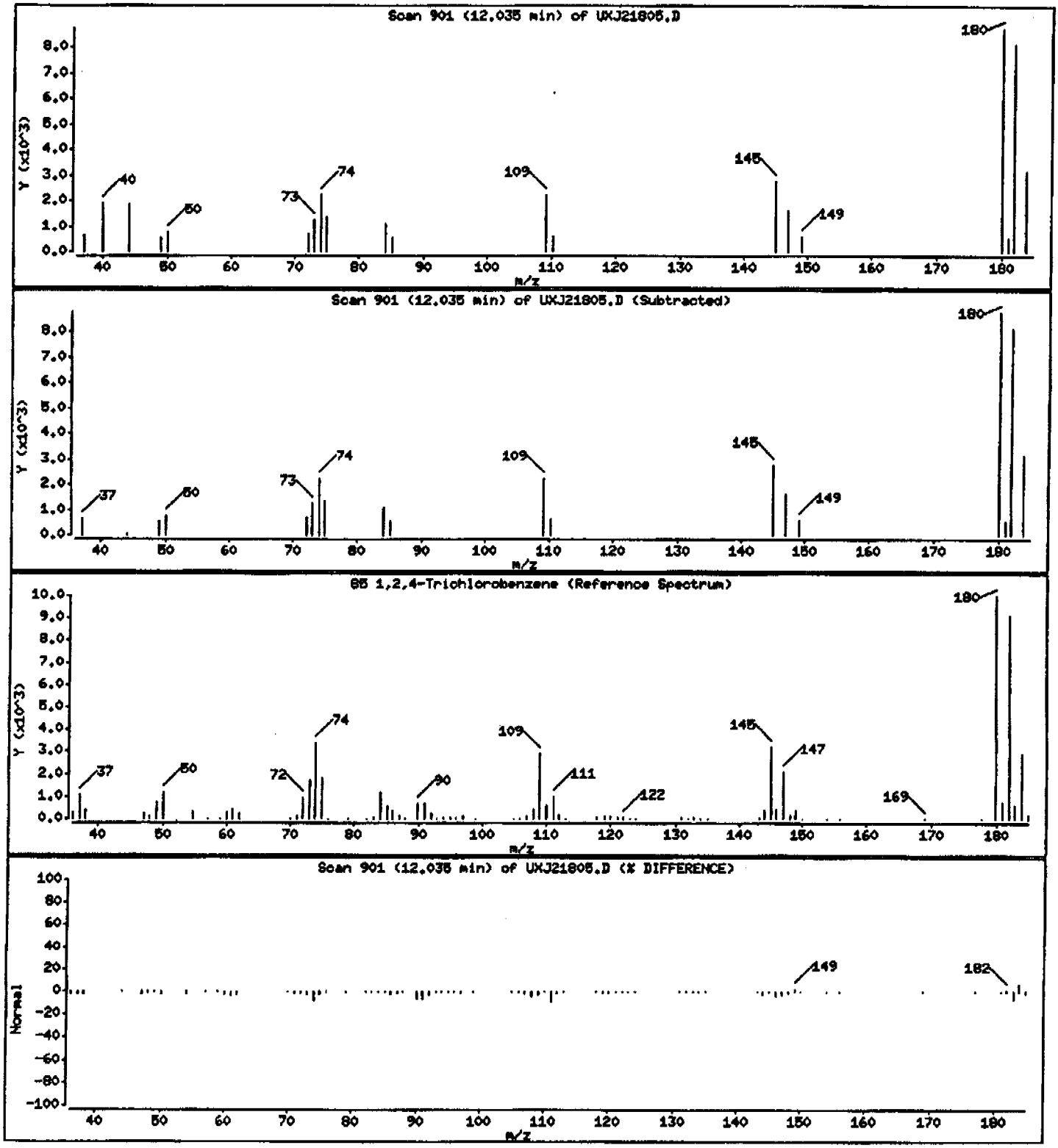
Operator: 43582

Column phase: DB624

Column diameter: 0.18

85 1,2,4-Trichlorobenzene

Concentration: 0.6134 ug/L



METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F210000-463

Prep Date.....: 06/16/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 07/01/04 **Prep Batch #...:** 4173463
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Acetonitrile	ND	5000	ug/kg	SW846 8260B
Acrolein	ND	5000	ug/kg	SW846 8260B
Acrylonitrile	ND	5000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroprene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	500	ug/kg	SW846 8260B
Dibromomethane	ND	250	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	500	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
1,4-Dioxane	ND	12000	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Ethyl methacrylate	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Iodomethane	ND	250	ug/kg	SW846 8260B
Isobutanol	ND	10000	ug/kg	SW846 8260B
Methacrylonitrile	ND	250	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPF81AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methyl methacrylate	ND	250	ug/kg	SW846 8260B
Propionitrile	ND	1000	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	250	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	1000	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	1000	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

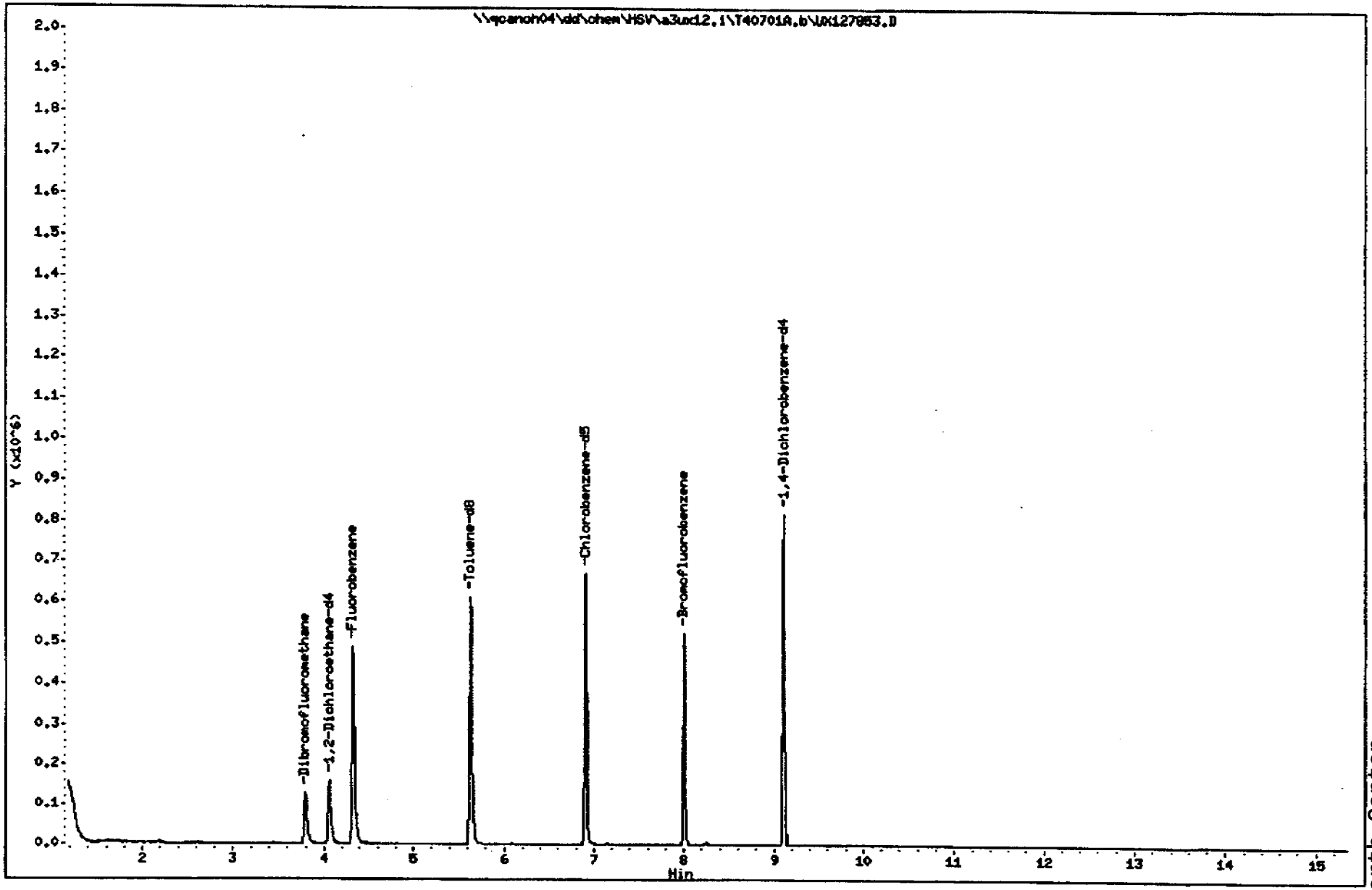
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Data File: \\qcanoh04\dd\chem\HSV\a3ucd2.i\T40701A.b\UX127853.D
Date : 01-JUL-2004 18:59
Client ID: INTRA-LAB BLANK GJPF81AA
Sample Info: GJPF81AA,,2,20UL/5ML,,5,5000

Instrument: a3ucd2.i
Operator: 1903
Column diameter: 0.18

Column phase: DB624



1080

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127853.D
Report Date: 01-Jul-2004 23:35

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127853.D
Lab Smp Id: GJPF81AA Client Smp ID: INTRA-LAB BLANK
Inj Date : 01-JUL-2004 18:59
Operator : 1903 Inst ID: a3ux12.i
Smp Info : GJPF81AA,,2,20UL/5ML,,5,5000
Misc Info : T40701A,8260LLUX12,,1903,3,,BLANK,,0
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux12.i\T40701A.b\8260LLUX12.m
Meth Date : 01-Jul-2004 17:03 laveyt Quant Type: ISTD
Cal Date : 02-JUN-2004 19:19 Cal File: UX127155.D
Als bottle: 10 QC Sample: METHOD BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: QCANOH04

Concentration Formula: Amt * DF * 1/Va*Vt/Ws

Name	Value	Description
DF	1.000	Dilution Factor
Ws	5.000	Soil amount
Va	20.000	Injection Volume
Vt	5000.000	Final Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.324	4.324	(1.000)	526726	50.0000	
*	2 Chlorobenzene-d5	117	6.909	6.903	(1.000)	399114	50.0000	
*	3 1,4-Dichlorobenzene-d4	152	9.105	9.105	(1.000)	216407	50.0000	
$	4 Dibromofluoromethane	113	3.794	3.794	(0.878)	97086	43.8170	2190.8
$	5 1,2-Dichloroethane-d4	65	4.056	4.056	(0.938)	117606	42.1543	2107.7
$	6 Toluene-d8	98	5.632	5.632	(0.815)	414264	50.3742	2518.7
$	7 Bromofluorobenzene	95	7.998	7.998	(1.158)	165559	48.0592	2403.0
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127853.D
Report Date: 01-Jul-2004 23:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	Compound Not Detected.					
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	57	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux12.i\T40701A.b\UX127853.D
Report Date: 01-Jul-2004 23:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
64 Xylene-o	106	Compound Not Detected.					
65 Styrene	104	Compound Not Detected.					
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F210000-408

Prep Date.....: 06/19/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/19/04 **Prep Batch #...:** 4173408
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	**7.0 J**	**100**	**ug/kg**	**SW846 8260B**
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJPAT1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
Toluene-d8	104	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

NOTE(S):

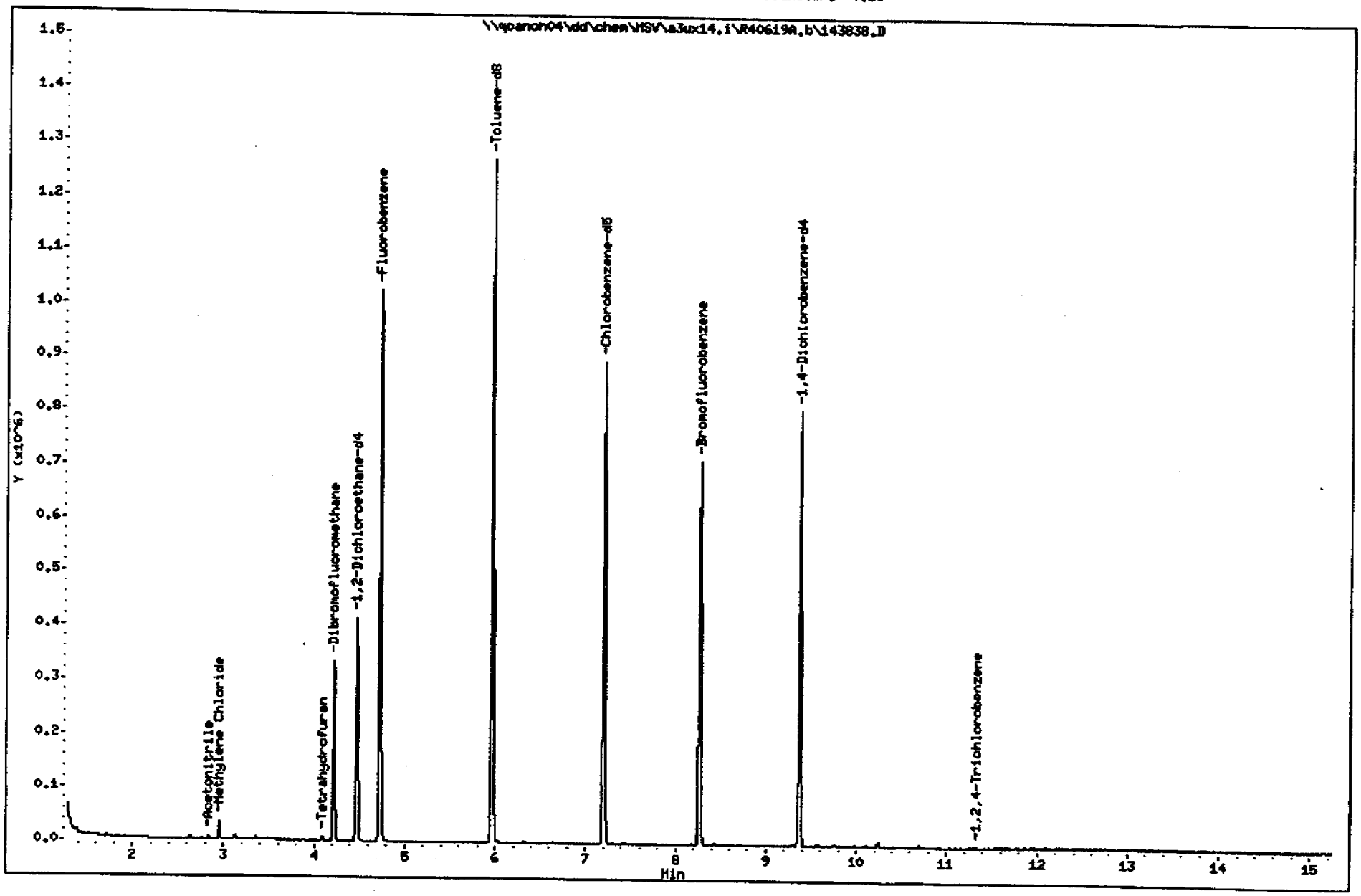
Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40619A.b\143838.D
Date : 19-JUN-2004 14:43
Client ID: GJPATIA A
Sample Info: VBLK,5G/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux14.i

Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143838.D
Report Date: 19-Jun-2004 14:06

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143838.D
Lab Smp Id: VBLK
Inj Date : 19-JUN-2004 14:43
Operator : 2807 Inst ID: a3ux14.i
Smp Info : VBLK,5G/5ML
Misc Info : R40619A,8260SUX14,,2807,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\8260SUX14.m
Meth Date : 19-Jun-2004 12:54 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1	Fluorobenzene	96	4.722	4.722	(1.000)	649317	250.000	
* 2	Chlorobenzene-d5	117	7.198	7.198	(1.000)	366098	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	160628	250.000	
$ 4	Dibromofluoromethane	113	4.217	4.217	(0.893)	146223	263.368	52.674
$ 5	1,2-Dichloroethane-d4	65	4.472	4.472	(0.947)	224770	261.100	52.220
$ 6	Toluene-d8	98	5.963	5.963	(0.828)	654215	259.943	51.989
$ 7	Bromofluorobenzene	95	8.269	8.269	(1.149)	221775	239.718	47.944
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	Compound Not Detected.					
10	Vinyl Chloride	62	Compound Not Detected.					
11	Bromomethane	94	Compound Not Detected.					
12	Chloroethane	64	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Acrolein	56	Compound Not Detected.					
16	Acetone	43	Compound Not Detected.					
17	1,1-Dichloroethene	96	Compound Not Detected.					
18	Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143838.D
Report Date: 19-Jun-2004 14:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	Compound Not Detected.					
21	Methylene Chloride	84	2.952	2.951	(0.625)	9595	12.2377	2.448
22	Acetonitrile	41	2.836	2.830	(0.601)	2801	34.8727	6.974
23	Acrylonitrile	53	Compound Not Detected.					
24	Methyl tert-butyl ether	73	Compound Not Detected.					
25	trans-1,2-Dichloroethene	96	Compound Not Detected.					
26	Hexane	86	Compound Not Detected.					
27	Vinyl acetate	43	Compound Not Detected.					
28	1,1-Dichloroethane	63	Compound Not Detected.					
29	tert-Butyl Alcohol	59	Compound Not Detected.					
30	2-Butanone	43	Compound Not Detected.					
M 31	1,2-Dichloroethene (total)	96	Compound Not Detected.					
32	cis-1,2-dichloroethene	96	Compound Not Detected.					
33	2,2-Dichloropropane	77	Compound Not Detected.					
34	Bromochloromethane	128	Compound Not Detected.					
35	Chloroform	83	Compound Not Detected.					
36	Tetrahydrofuran	42	4.089	4.089	(0.866)	3117	16.0334	3.207
37	1,1,1-Trichloroethane	97	Compound Not Detected.					
38	1,1-Dichloropropene	75	Compound Not Detected.					
39	Carbon Tetrachloride	117	Compound Not Detected.					
40	1,2-Dichloroethane	62	Compound Not Detected.					
41	Benzene	78	Compound Not Detected.					
42	Trichloroethene	130	Compound Not Detected.					
43	1,2-Dichloropropane	63	Compound Not Detected.					
44	1,4-Dioxane	88	Compound Not Detected.					
45	Dibromomethane	93	Compound Not Detected.					
46	Bromodichloromethane	83	Compound Not Detected.					
47	2-Chloroethyl vinyl ether	63	Compound Not Detected.					
48	cis-1,3-Dichloropropene	75	Compound Not Detected.					
49	4-Methyl-2-pentanone	43	Compound Not Detected.					
50	Toluene	91	Compound Not Detected.					
51	trans-1,3-Dichloropropene	75	Compound Not Detected.					
52	Ethyl Methacrylate	69	Compound Not Detected.					
53	1,1,2-Trichloroethane	97	Compound Not Detected.					
54	1,3-Dichloropropane	76	Compound Not Detected.					
55	Tetrachloroethene	164	Compound Not Detected.					
56	2-Hexanone	43	Compound Not Detected.					
57	Dibromochloromethane	129	Compound Not Detected.					
58	1,2-Dibromoethane	107	Compound Not Detected.					
59	Chlorobenzene	112	Compound Not Detected.					
60	1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61	Ethylbenzene	106	Compound Not Detected.					
62	m + p-Xylene	106	Compound Not Detected.					
M 63	Xylenes (total)	106	Compound Not Detected.					
64	Xylene-o	106	Compound Not Detected.					
65	Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143838.D
Report Date: 19-Jun-2004 14:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	11.329	11.329	(1.209)	1604	2.75149	0.5503
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40619A.b\143838.D

Date : 19-JUN-2004 14:43

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

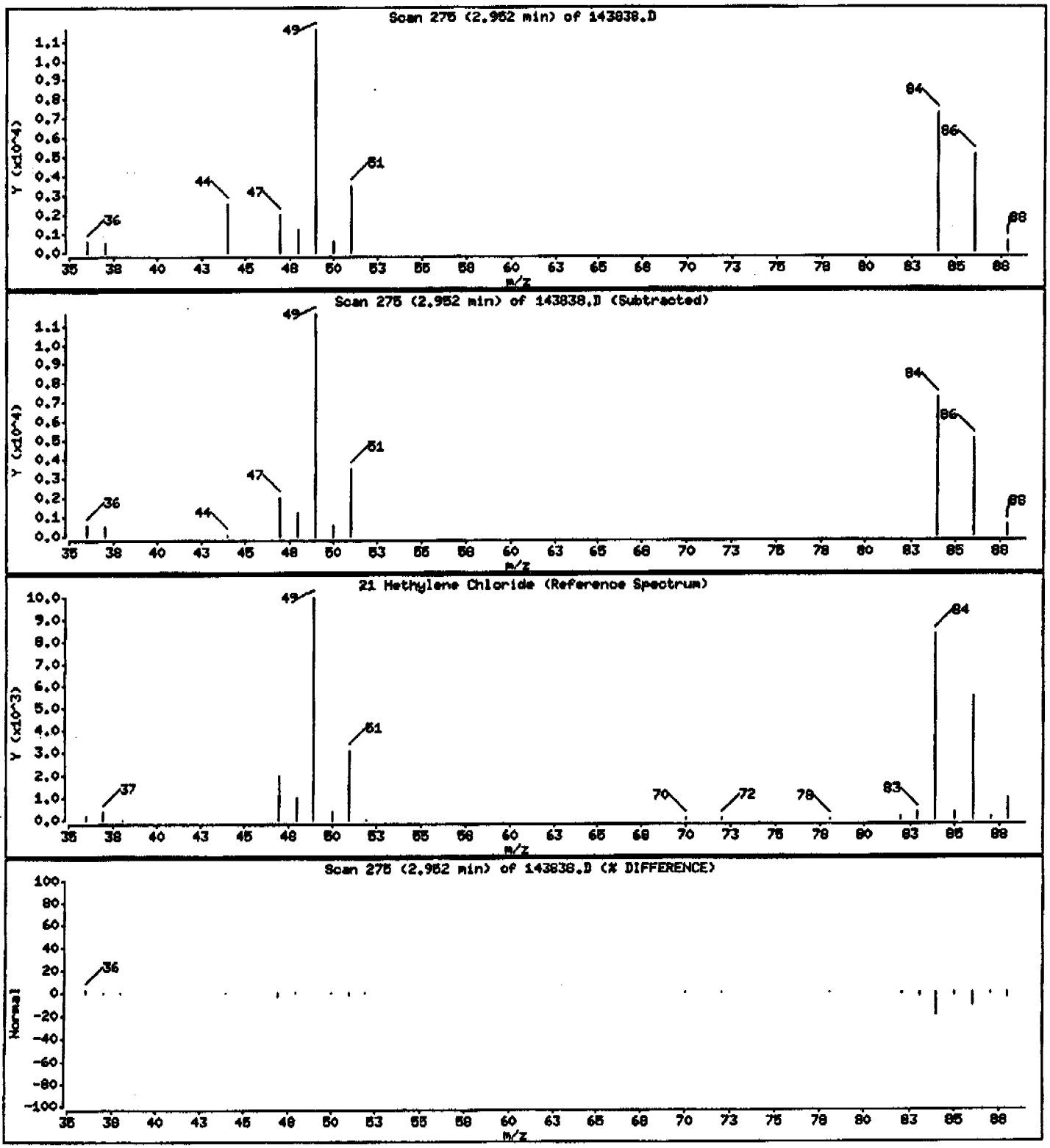
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 2.448 UG/KG



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Date : 19-JUN-2004 14:43

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

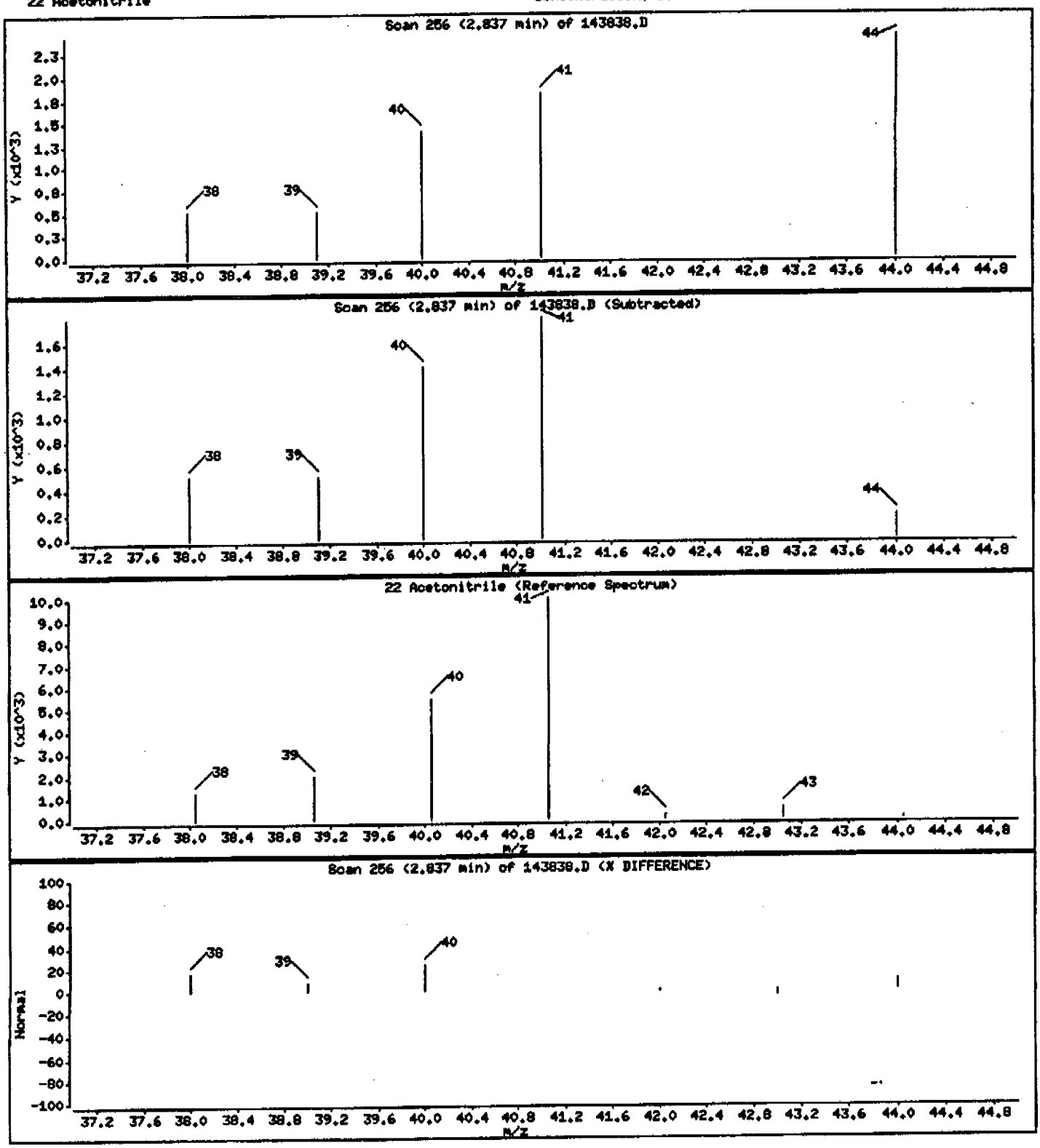
Operator: 2807

Column phase: DB624

Column diameter: 0.18

22 Acetonitrile

Concentration: 6.974 UG/KG



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Date : 19-JUN-2004 14:43

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

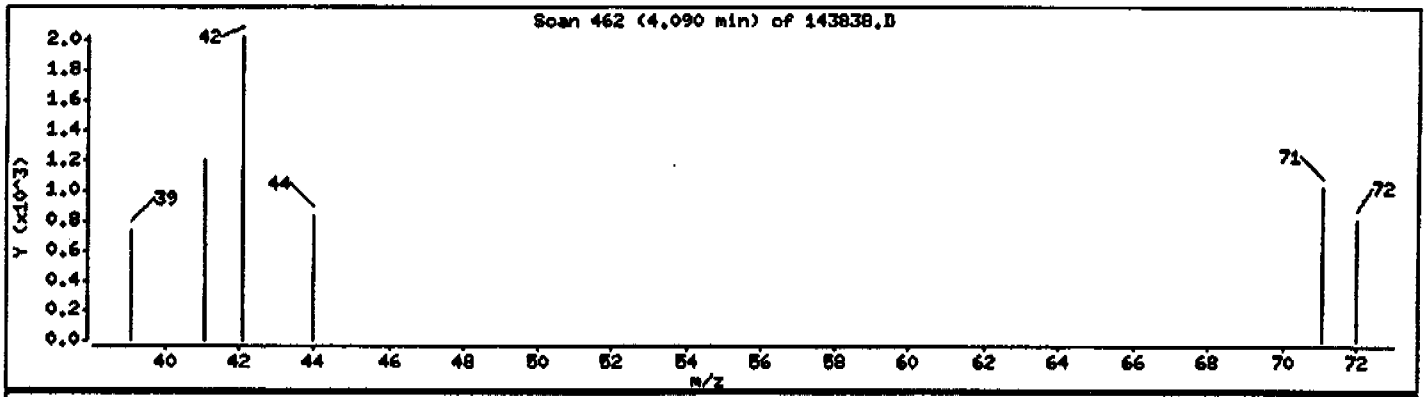
Operator: 2807

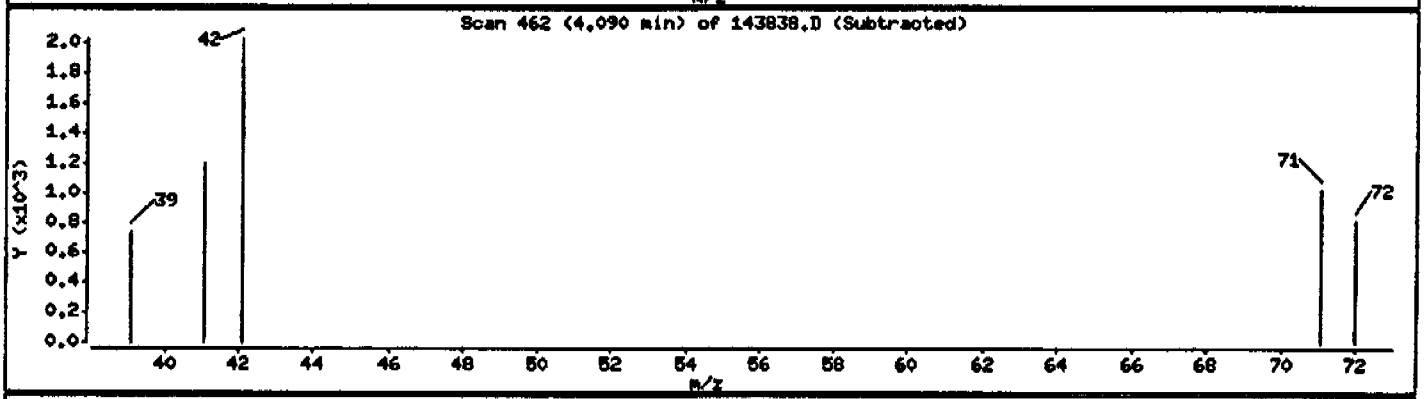
Column phase: DB624

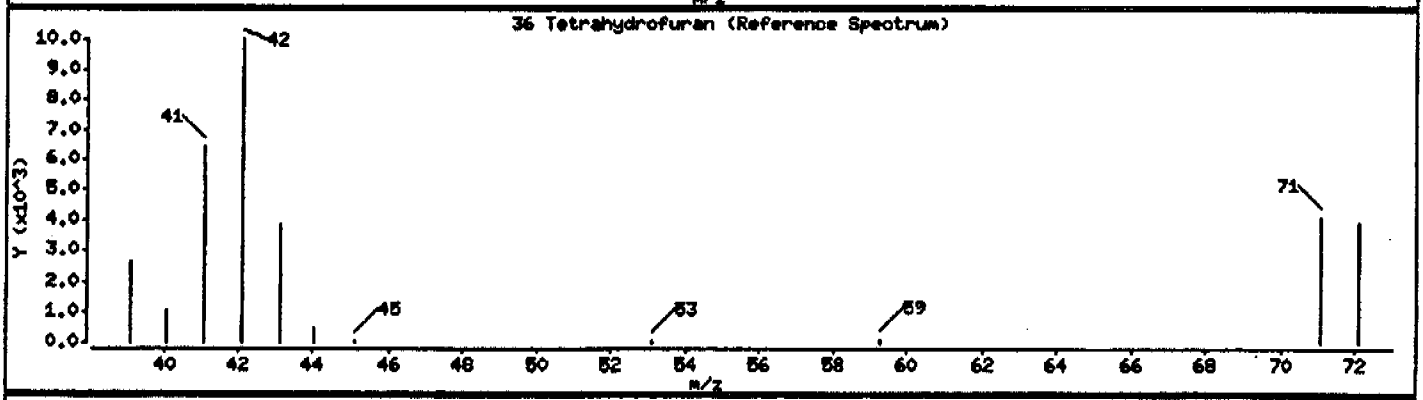
Column diameter: 0.18

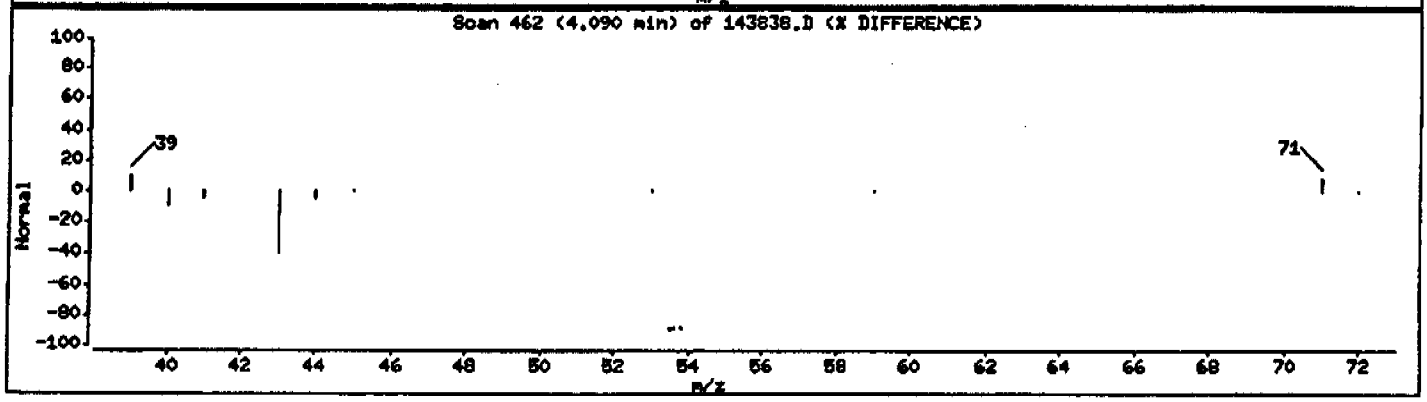
36 Tetrahydrofuran

Concentration: 3.207 UG/KG









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Date : 19-JUN-2004 14:43

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

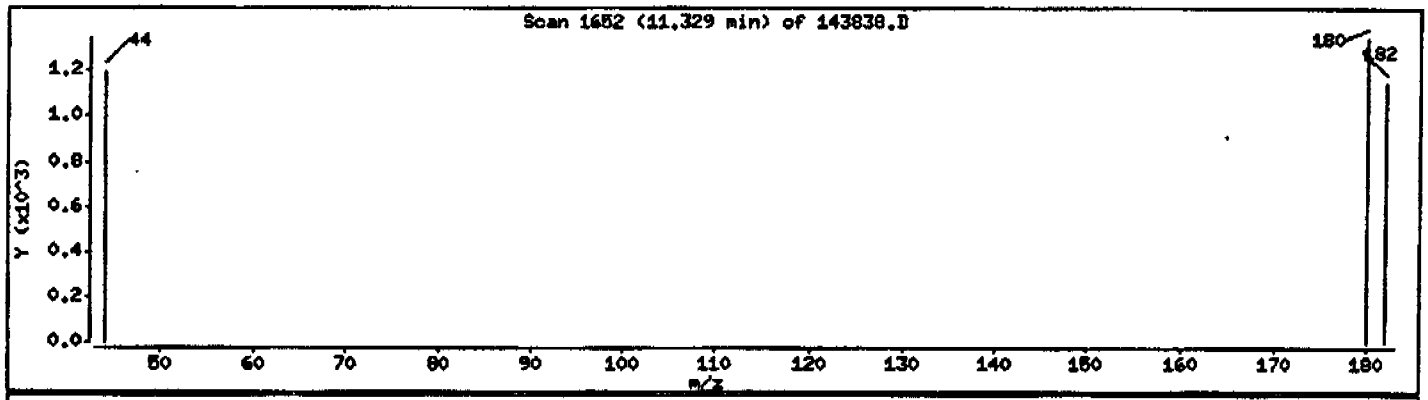
Operator: 2807

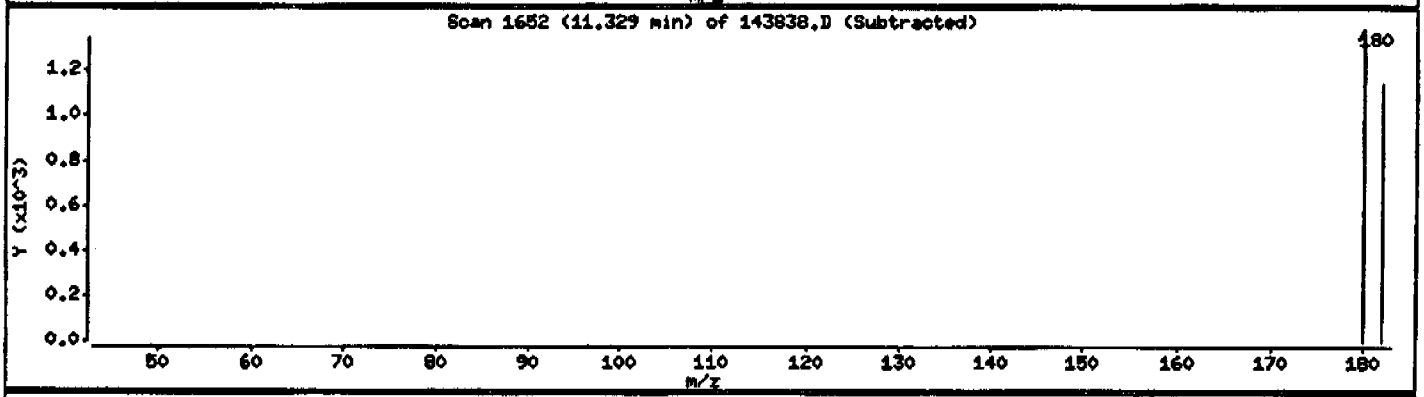
Column phase: DB624

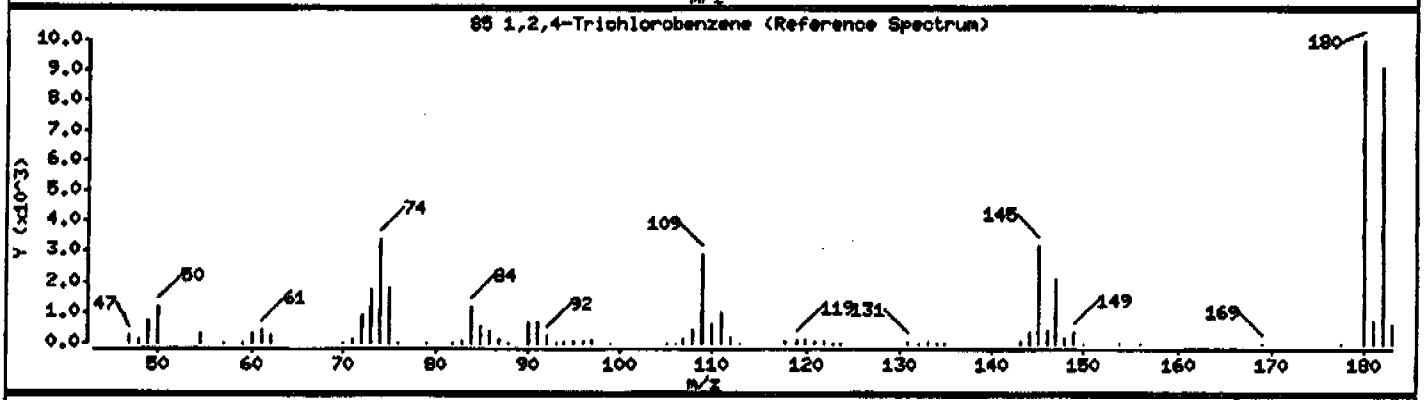
Column diameter: 0.18

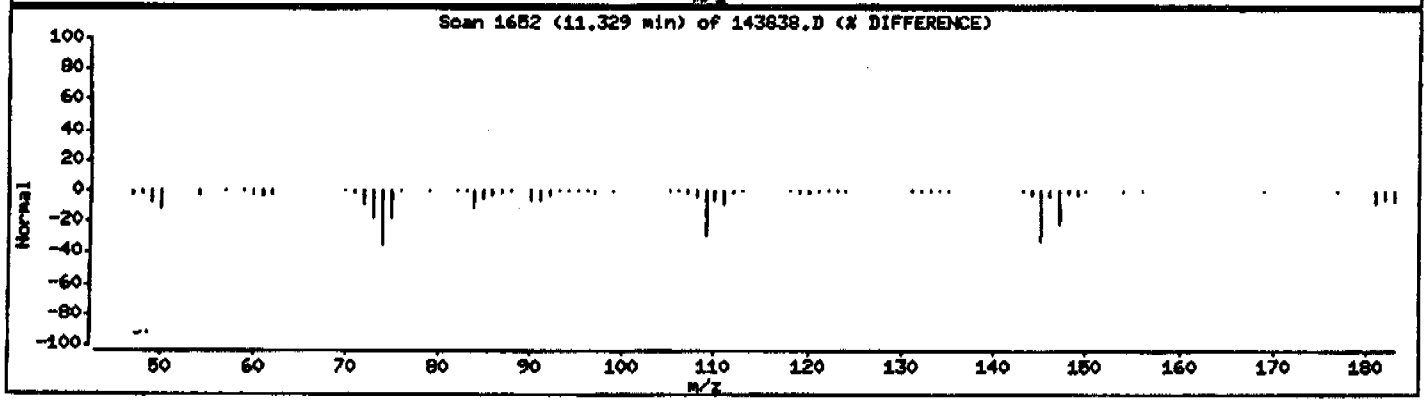
85 1,2,4-Trichlorobenzene

Concentration: 0.5503 UG/KG









METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F230000-226

Prep Date.....: 06/22/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/22/04 **Prep Batch #...:** 4175226
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJTJG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	99	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

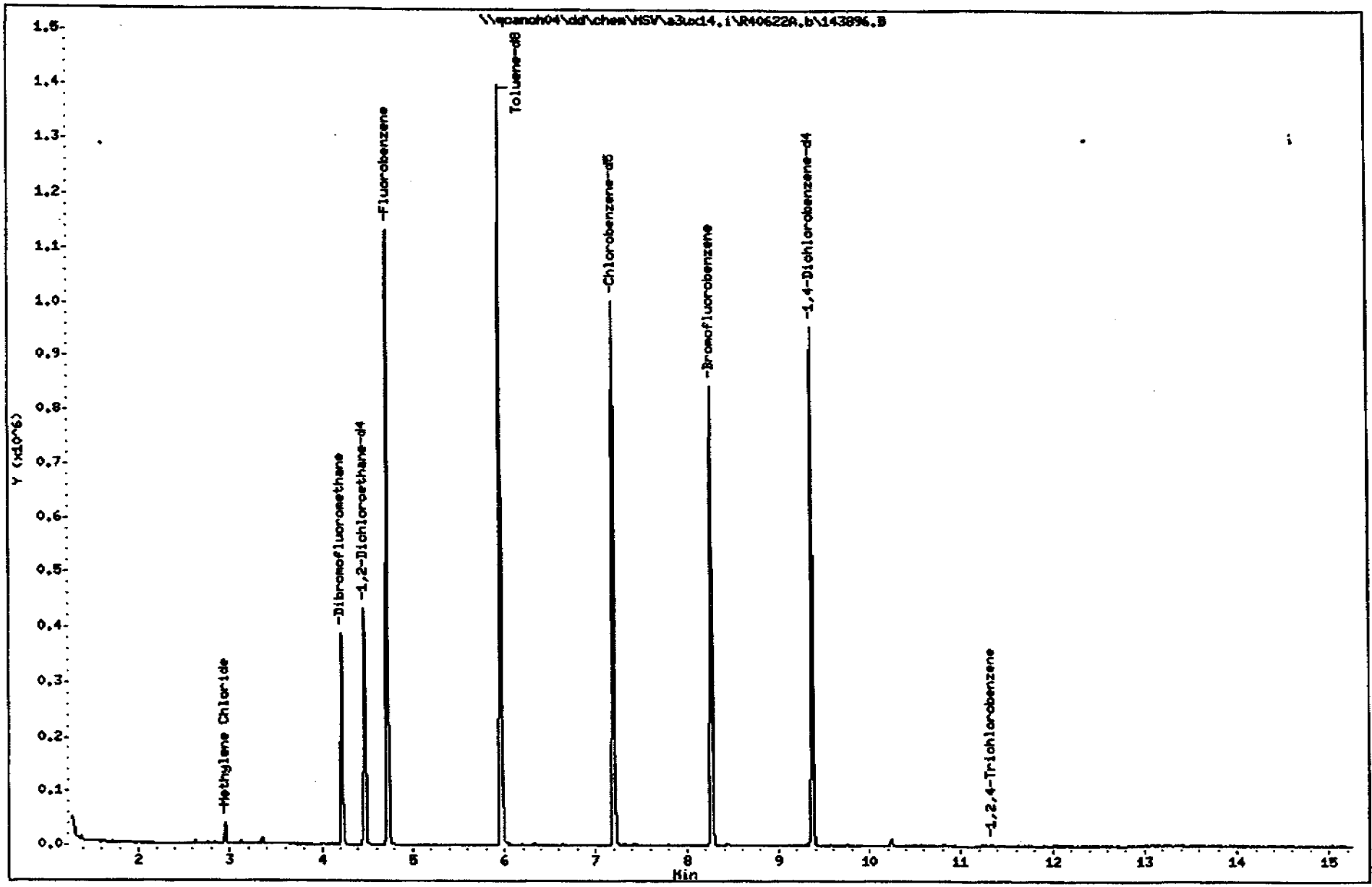
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ucl4.i\R406220A.b\143896.D
Date : 22-JUN-2004 10:33
Client ID: GJTJG1AA
Sample Info: VBLK,5C/5HL
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucl4.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143896.D
Report Date: 22-Jun-2004 10:44

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143896.D
Lab Smp Id: VBLK
Inj Date : 22-JUN-2004 10:33
Operator : 2807 Inst ID: a3ux14.i
Smp Info : VBLK,5G/5ML
Misc Info : R40622A,8260SUX14,,2807,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\8260SUX14.m
Meth Date : 22-Jun-2004 09:03 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
*	1 Fluorobenzene	96	4.728	4.722	(1.000)	794395	250.000	
*	2 Chlorobenzene-d5	117	7.204	7.198	(1.000)	459776	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	206105	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.892)	174317	256.630	51.326
$	5 1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	239561	227.460	45.492
$	6 Toluene-d8	98	5.969	5.963	(0.829)	785491	248.514	49.703
$	7 Bromofluorobenzene	95	8.269	8.268	(1.148)	268530	231.117	46.223
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143896.D
Report Date: 22-Jun-2004 10:44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.952	2.951	(0.624)	13388	13.9569	2.791
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40622A.b\143896.D
Report Date: 22-Jun-2004 10:44

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120.	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	11.329	11.328	(1.209)	1443	1.92914	0.3858
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40622A.b\143896.D

Date : 22-JUN-2004 10:33

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,8C/8ML

Purge Volume: 5.0

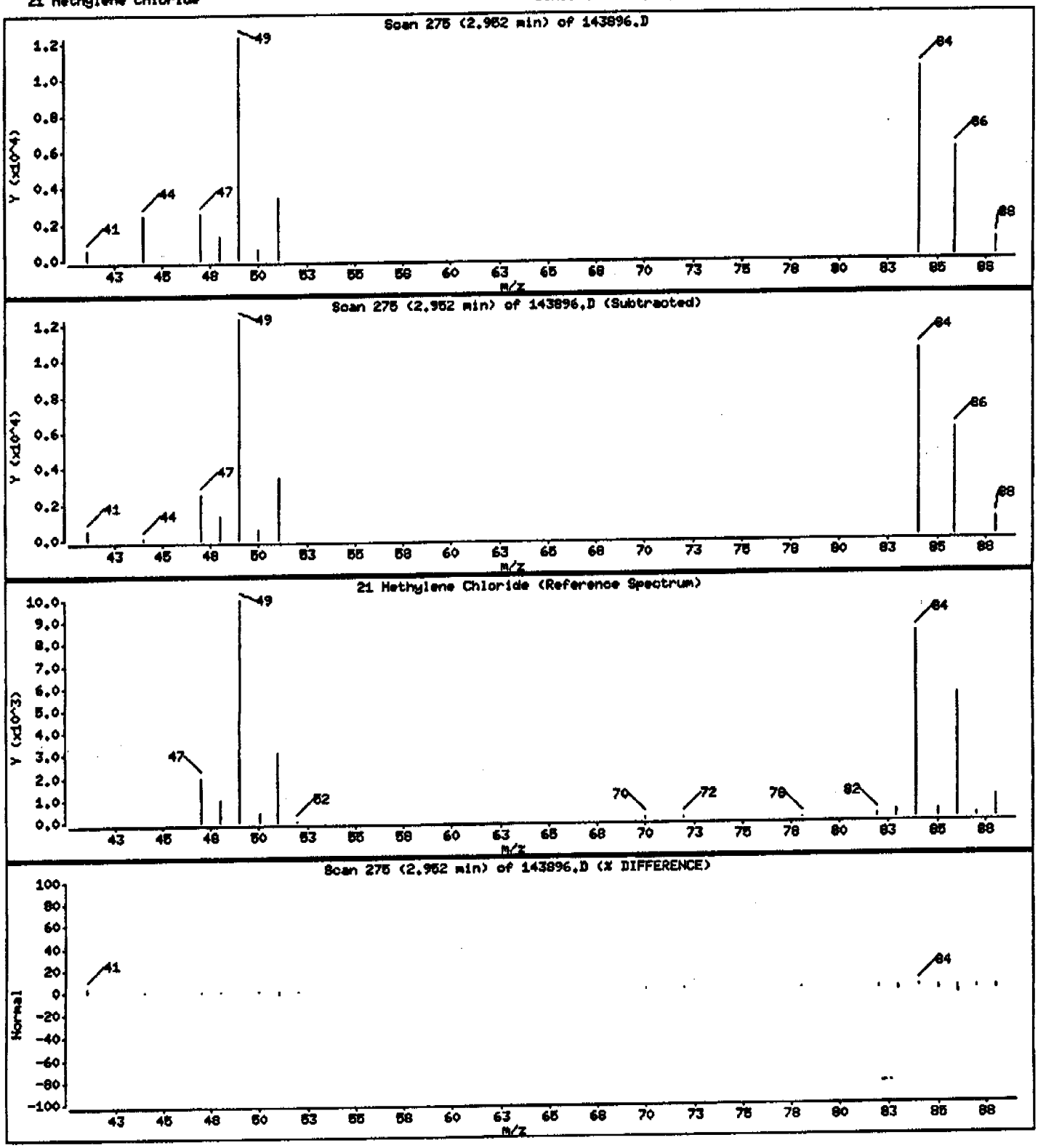
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 2.791 UG/KC



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Date : 22-JUN-2004 10:33

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

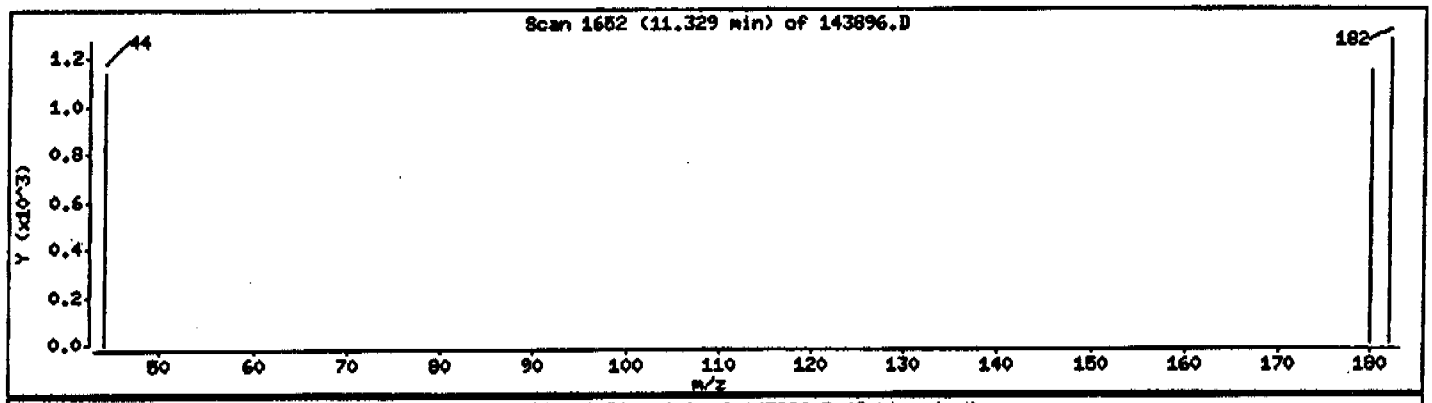
Operator: 2807

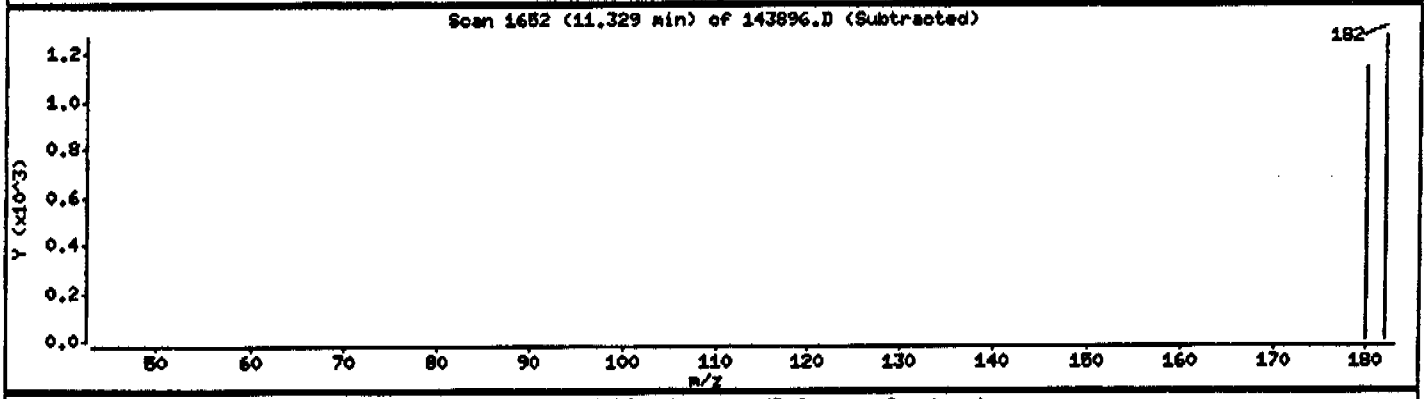
Column phase: DB624

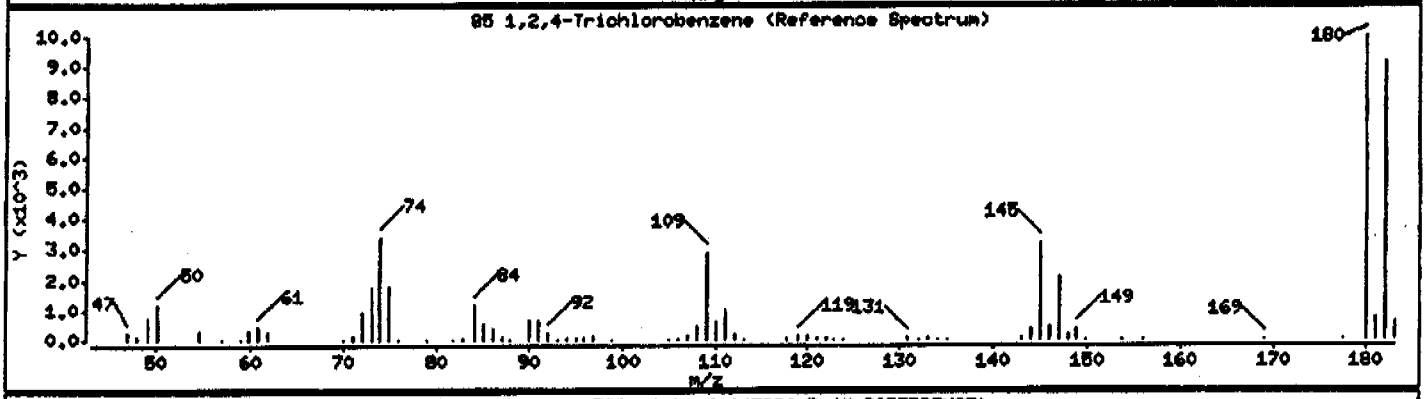
Column diameter: 0.18

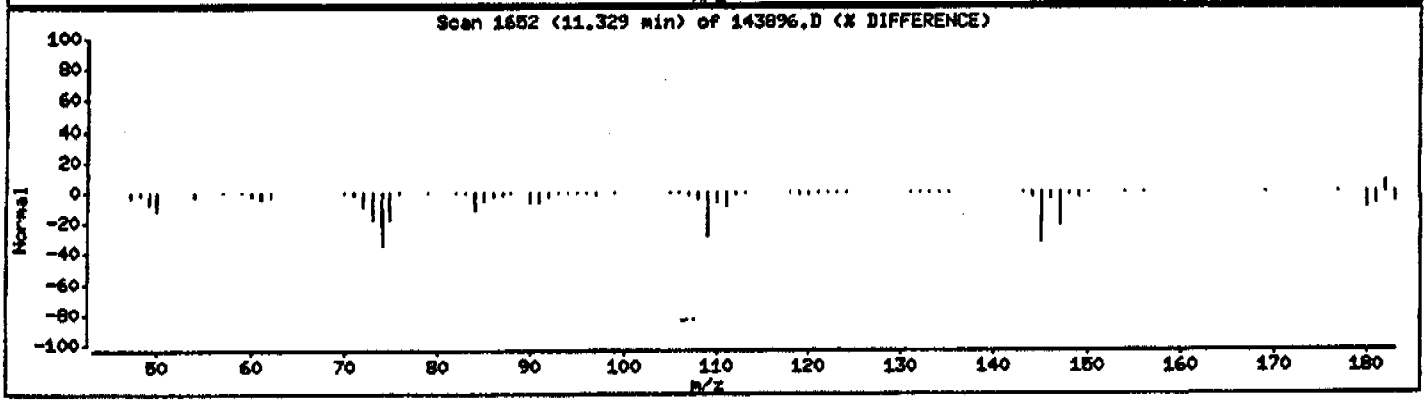
85 1,2,4-Trichlorobenzene

Concentration: 0.3858 UG/KG









METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F250000-231

Prep Date.....: 06/24/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/24/04 **Prep Batch #...:** 4177231
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ1911AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.7 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	93	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

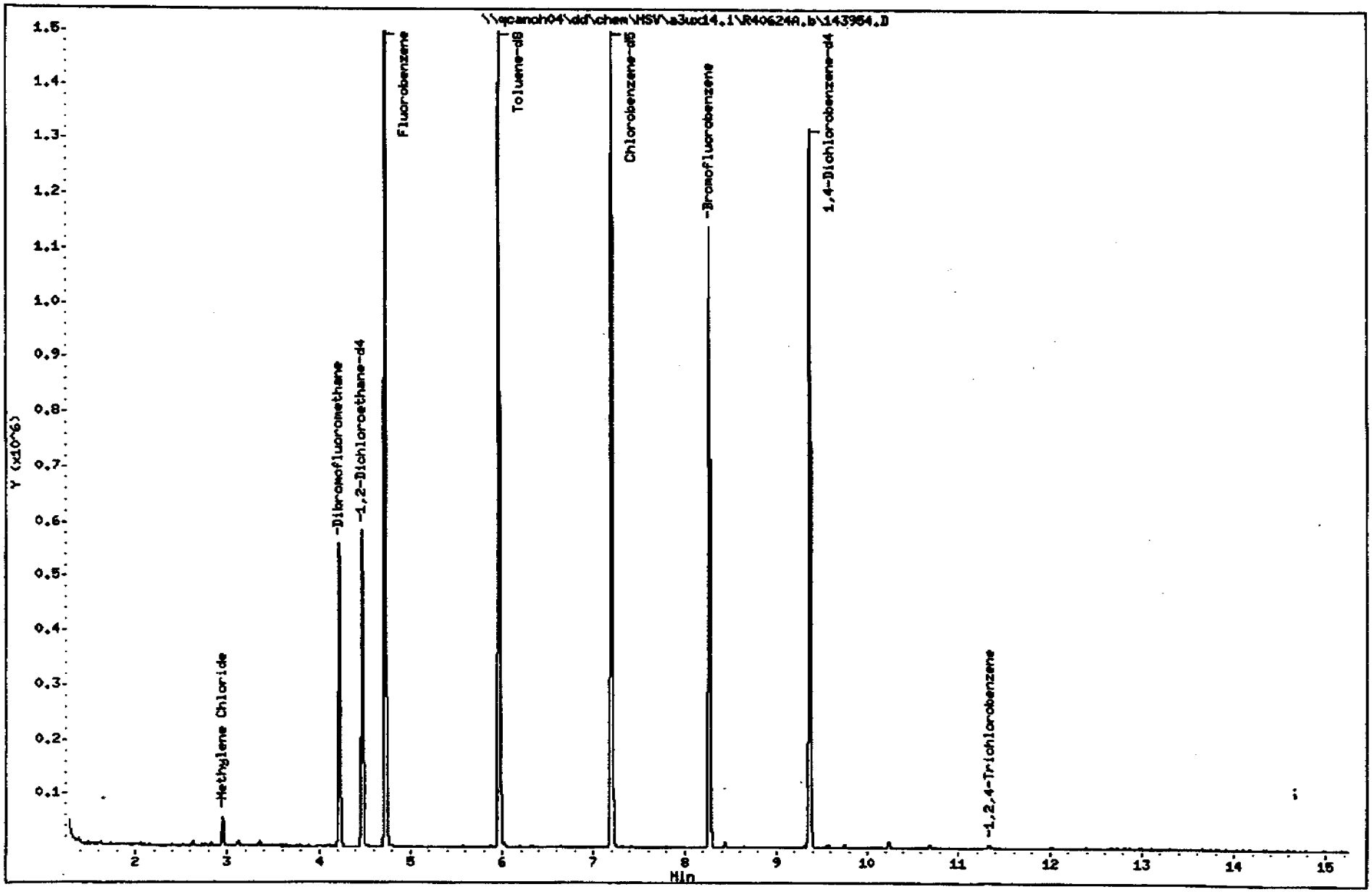
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ucd14.i\R40624A.b\143954.D
Date : 24-JUN-2004 12:31
Client ID: GJ1911AA
Sample Info: VBLK,BC/BHL
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucd14.i
Operator: 2807
Column diameter: 0.18



1104

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143954.D
Report Date: 24-Jun-2004 12:04

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143954.D
Lab Smp Id: VBLK
Inj Date : 24-JUN-2004 12:31
Operator : 2807 Inst ID: a3ux14.i
Smp Info : VBLK,5G/5ML
Misc Info : R40624A,8260SUX14,,2807,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\8260SUX14.m
Meth Date : 24-Jun-2004 11:16 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
*	1 Fluorobenzene	96	4.722	4.722	(1.000)	1183321	250.000	
*	2 Chlorobenzene-d5	117	7.198	7.198	(1.000)	684180	250.000	
*	3 1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	297092	250.000	
$	4 Dibromofluoromethane	113	4.217	4.217	(0.893)	246815	243.934	48.787
$	5 1,2-Dichloroethane-d4	65	4.473	4.472	(0.947)	317621	202.457	40.491
$	6 Toluene-d8	98	5.963	5.963	(0.828)	1099265	233.715	46.743
$	7 Bromofluorobenzene	95	8.269	8.269	(1.149)	363137	210.032	42.006
	8 Dichlorodifluoromethane	85	Compound Not Detected.					
	9 Chloromethane	50	Compound Not Detected.					
	10 Vinyl Chloride	62	Compound Not Detected.					
	11 Bromomethane	94	Compound Not Detected.					
	12 Chloroethane	64	Compound Not Detected.					
	13 Trichlorofluoromethane	101	Compound Not Detected.					
	15 Acrolein	56	Compound Not Detected.					
	16 Acetone	43	Compound Not Detected.					
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143954.D
Report Date: 24-Jun-2004 12:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.952	2.952	(0.625)	19235	13.4617	2.692
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40624A.b\143954.D
Report Date: 24-Jun-2004 12:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	11.335	11.329	(1.210)	2606	2.41696	0.4834
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux14.i\R40624A.b\143954.D

Date : 24-JUN-2004 12:31

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

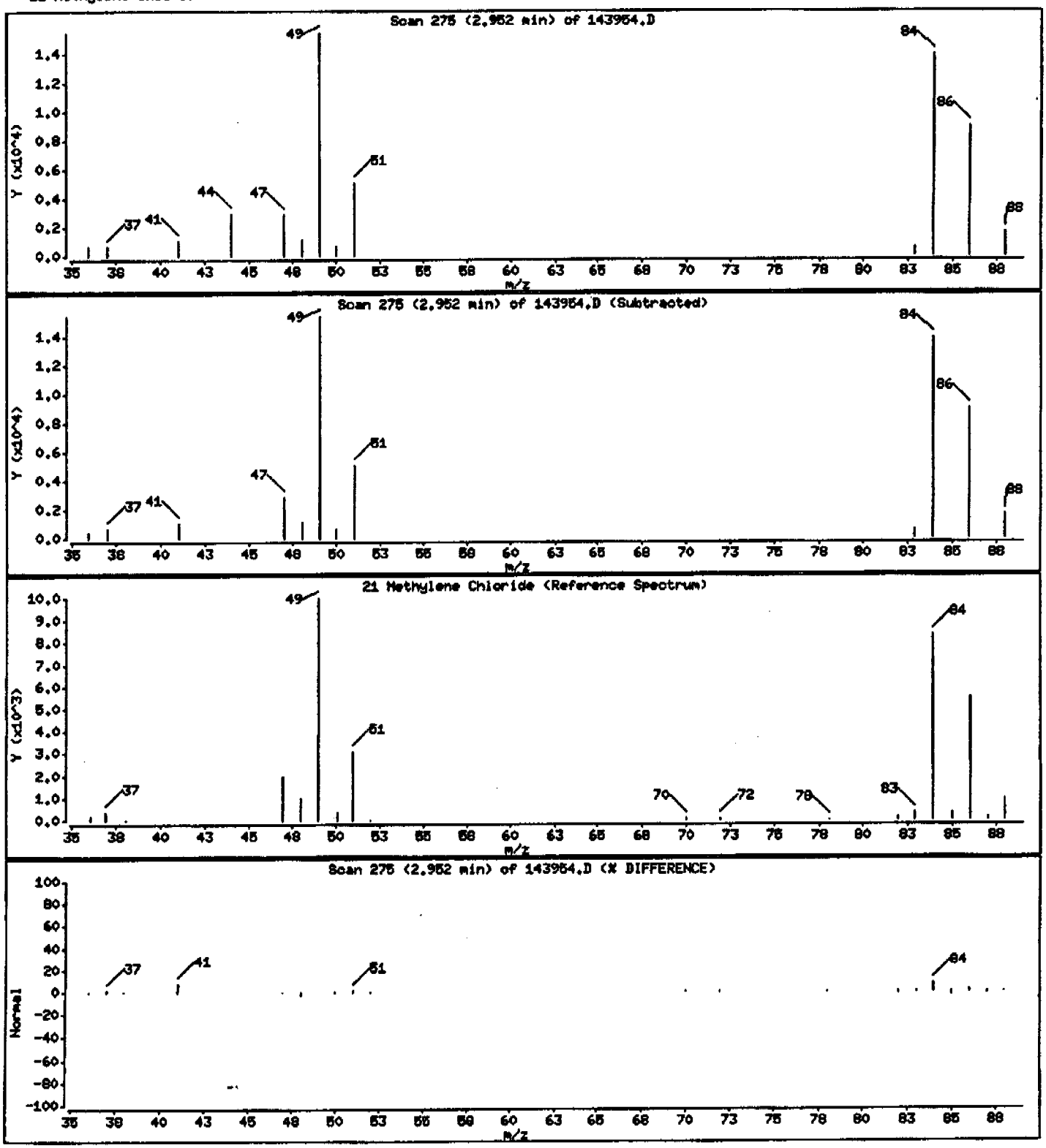
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 2.692 UG/KG



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Date : 24-JUN-2004 12:31

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5G/5ML

Purge Volume: 5.0

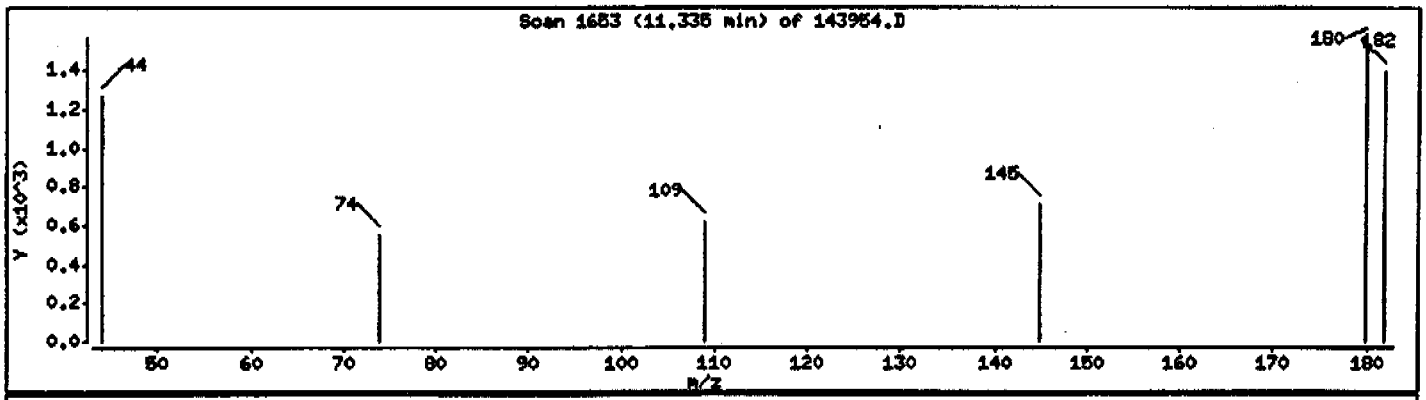
Operator: 2807

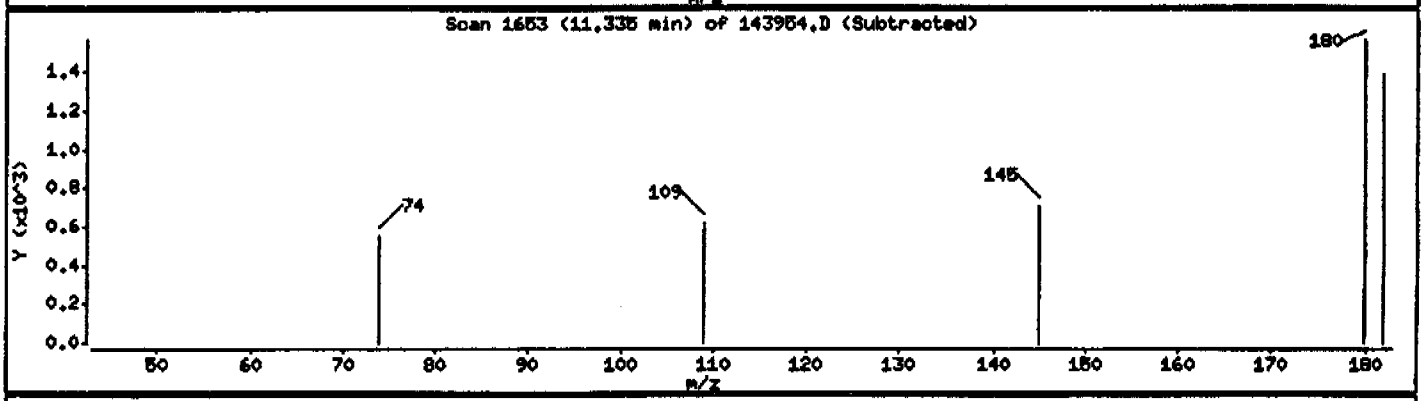
Column phase: DB624

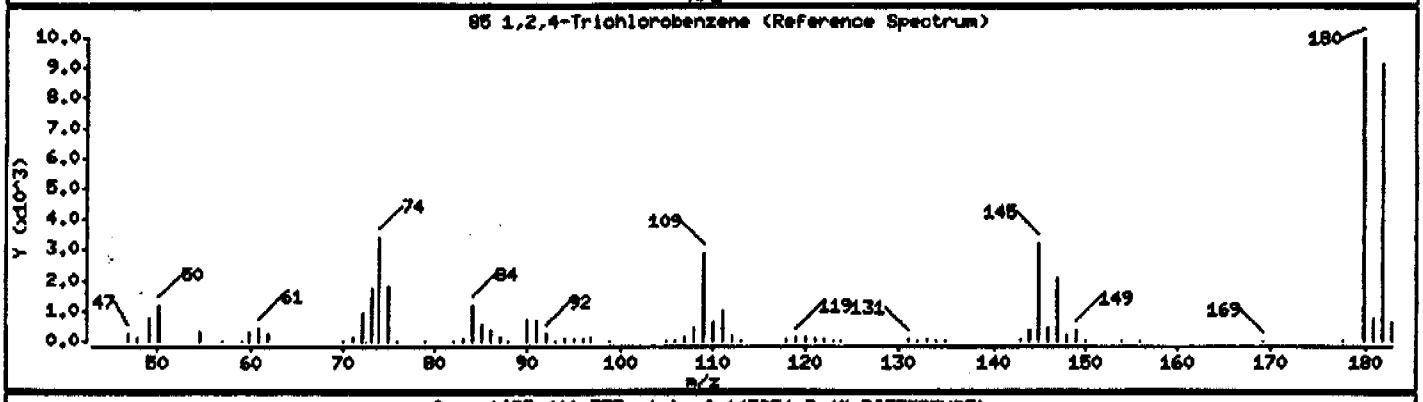
Column diameter: 0.18

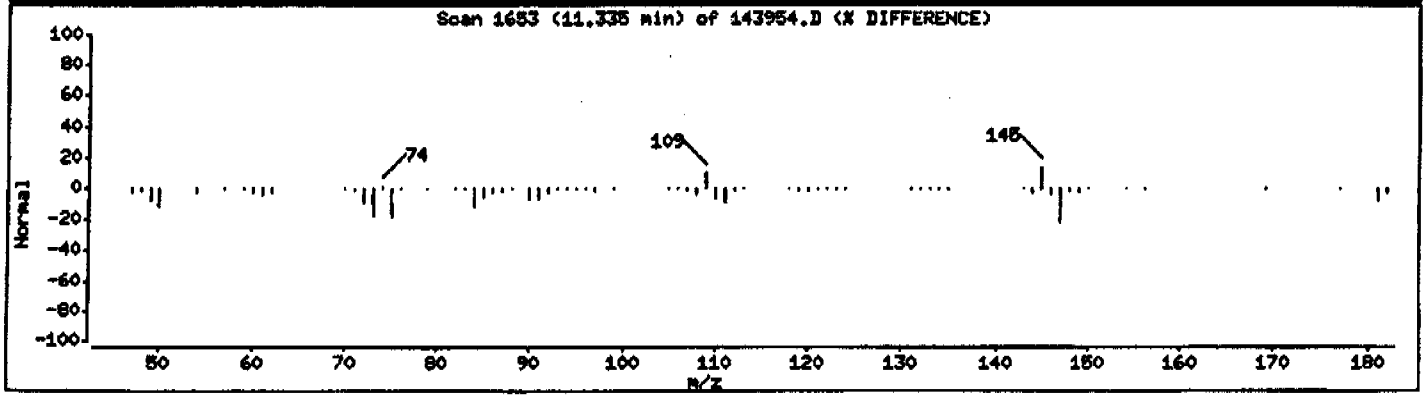
85 1,2,4-Trichlorobenzene

Concentration: 0.4834 UG/KG









METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A4F280000-387

Prep Date.....: 06/25/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/25/04 **Prep Batch #...:** 4180387
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Chloro-1-propene	ND	10	ug/kg	SW846 8260B
Isobutanol	ND	200	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	10	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Acetonitrile	ND	100	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
Acrylonitrile	ND	100	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroprene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,4-Dioxane	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Ethyl methacrylate	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Iodomethane	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F12158 **Work Order #...:** GJ5XJ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methacrylonitrile	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**6.1**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl methacrylate	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	20	ug/kg	SW846 8260B
Propionitrile	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

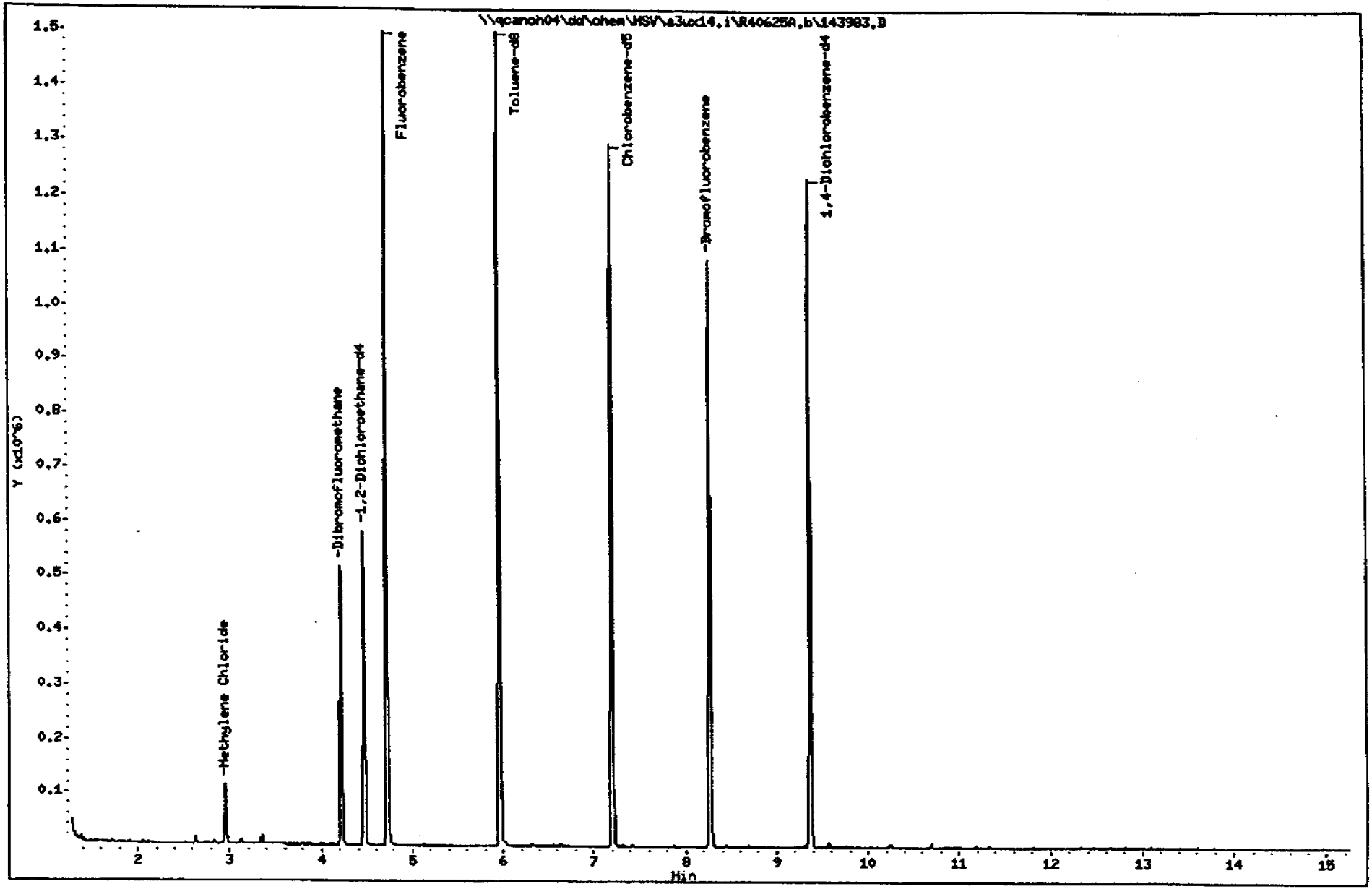
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	97	(60 - 143)
4-Bromofluorobenzene	88	(47 - 158)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Data File: \\qcanoh04\dd\chem\HSV\a3ucl4.i\R40625A.b\143983.D
Date : 25-JUN-2004 18:11
Client ID: GJ5XJ1AA
Sample Info: VBLK,5G/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ucl4.i
Operator: 2807
Column diameter: 0.18



1112

STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143983.D
Report Date: 25-Jun-2004 17:31

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143983.D
Lab Smp Id: VBLK
Inj Date : 25-JUN-2004 18:11
Operator : 2807 Inst ID: a3ux14.i
Smp Info : VBLK,5G/5ML
Misc Info : R40625A,8260SUX14,,2807,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\8260SUX14.m
Meth Date : 25-Jun-2004 16:50 macenczaks Quant Type: ISTD
Cal Date : 02-JUN-2004 12:41 Cal File: 143542.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.04
Processing Host: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
* 1	Fluorobenzene	96	4.728	4.722	(1.000)	1055816	250.000	
* 2	Chlorobenzene-d5	117	7.204	7.198	(1.000)	600610	250.000	
* 3	1,4-Dichlorobenzene-d4	152	9.370	9.370	(1.000)	264441	250.000	
$ 4	Dibromofluoromethane	113	4.217	4.217	(0.892)	235024	260.332	52.066
$ 5	1,2-Dichloroethane-d4	65	4.472	4.472	(0.946)	313812	224.185	44.837
$ 6	Toluene-d8	98	5.963	5.963	(0.828)	1001617	242.585	48.517
$ 7	Bromofluorobenzene	95	8.268	8.269	(1.148)	334641	220.482	44.096
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	Compound Not Detected.					
10	Vinyl Chloride	62	Compound Not Detected.					
11	Bromomethane	94	Compound Not Detected.					
12	Chloroethane	64	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Acrolein	56	Compound Not Detected.					
16	Acetone	43	Compound Not Detected.					
17	1,1-Dichloroethene	96	Compound Not Detected.					
18	Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143983.D
Report Date: 25-Jun-2004 17:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.951	2.951	(0.624)	38600	30.2768	6.055
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143983.D
Report Date: 25-Jun-2004 17:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40625A.b\143983.D

Date : 25-JUN-2004 18:11

Client ID:

Instrument: a3ux14.i

Sample Info: VBLK,5C/5ML

Purge Volume: 5.0

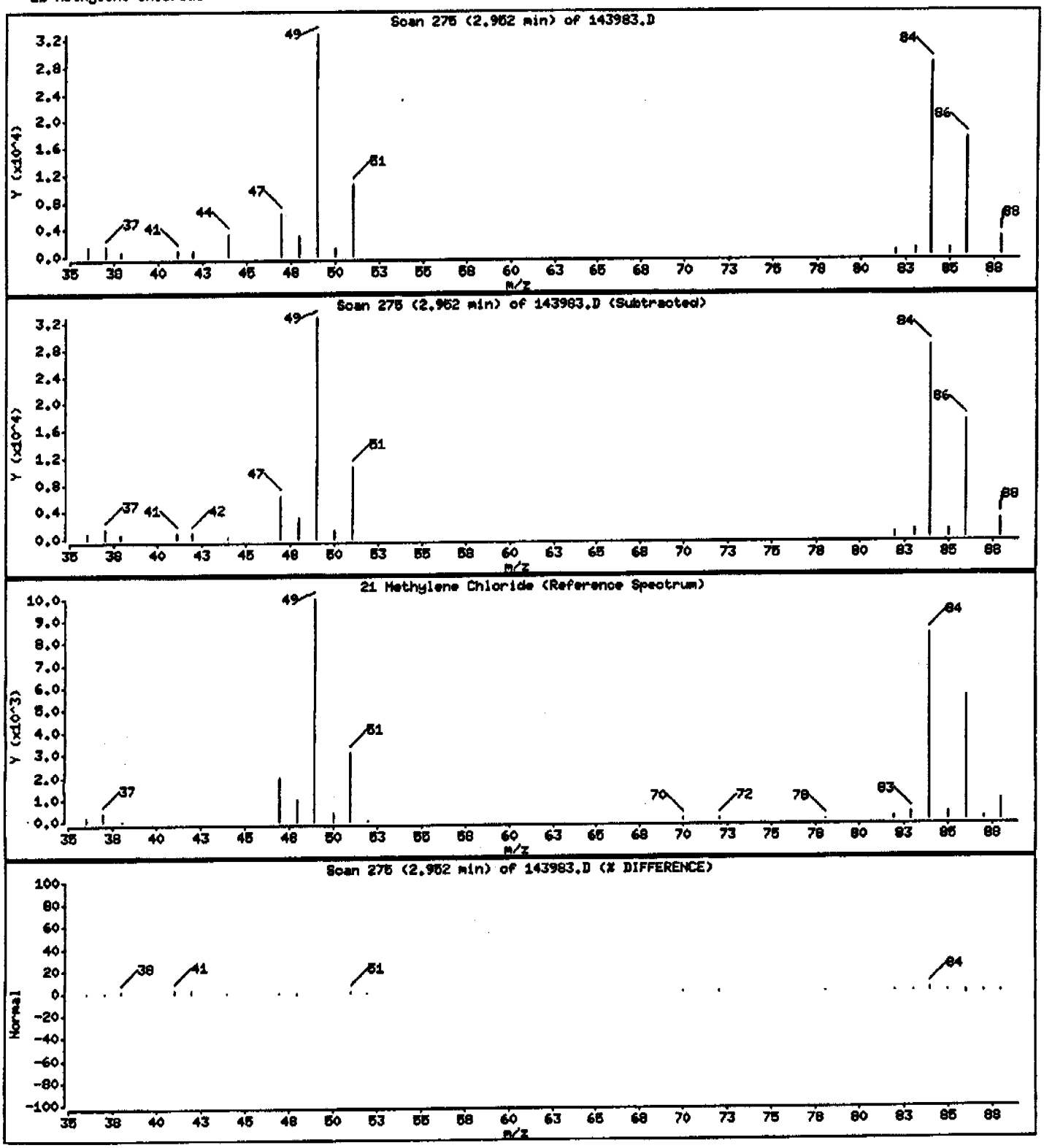
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

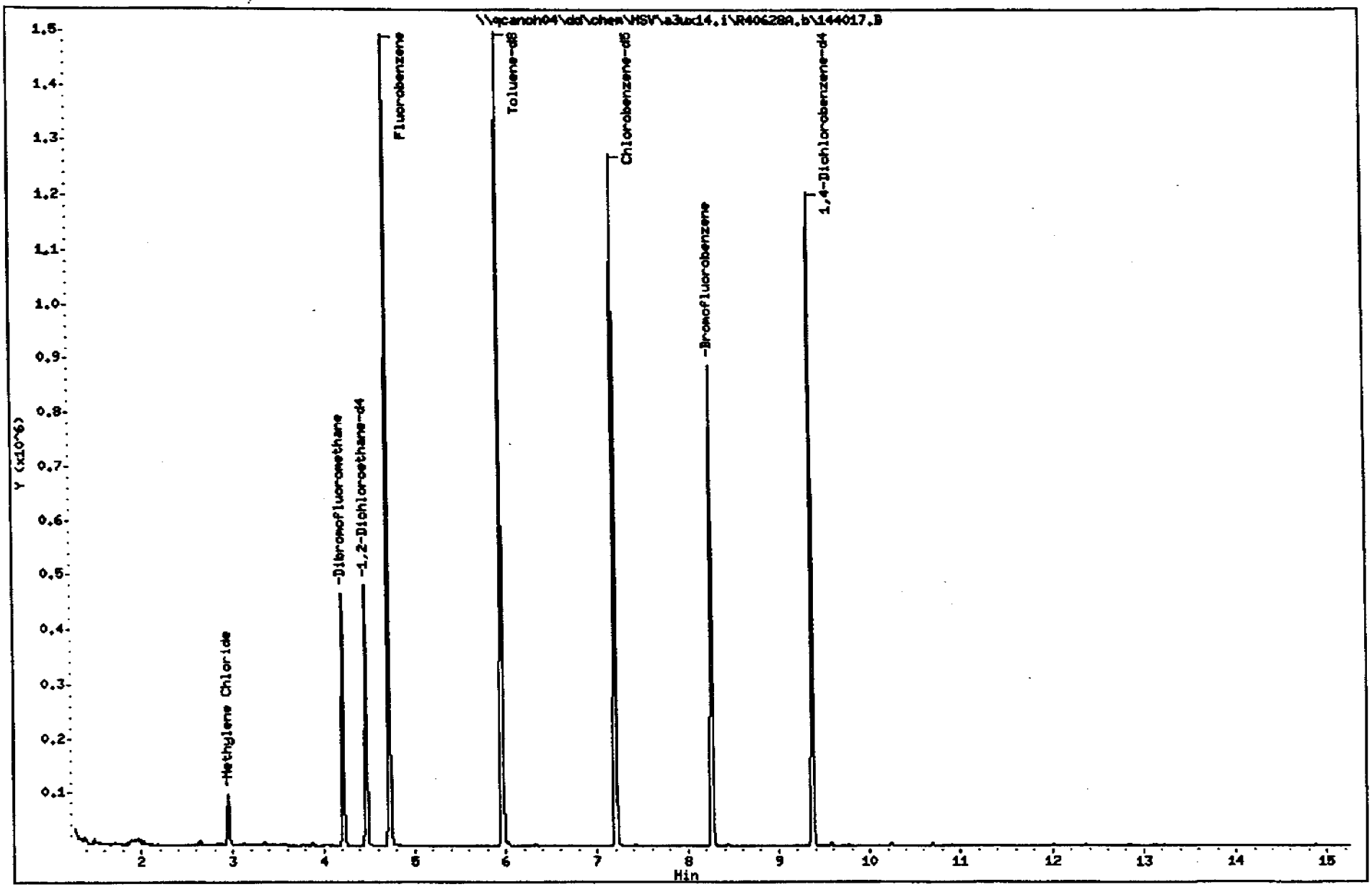
Concentration: 6.065 UG/KG



Data File: \\qcanoh04\dd\chem\HSV\a3ud14.i\R40628A.b\144017.D
Date : 28-JUN-2004 14:54
Client ID: GKAWM1AA
Sample Info: MLSVBLK,,2,100UL/5ML,,5.0,5000
Purge Volume: 5.0
Column phase: DB624

Instrument Blank

Instrument: a3ud14.i
Operator: 2807
Column diameter: 0.18



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STL North Canton

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144017.D
Report Date: 29-Jun-2004 11:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	17 1,1-Dichloroethene	96	Compound Not Detected.					
	18 Freon-113	151	Compound Not Detected.					
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	2.951	2.951	(0.625)	36221	29.6581	296.58
	22 Acetonitrile	41	Compound Not Detected.					
	23 Acrylonitrile	53	Compound Not Detected.					
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux14.i\R40628A.b\144017.D
Report Date: 29-Jun-2004 11:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
64 Xylene-o	106	Compound Not Detected.					
65 Styrene	104	Compound Not Detected.					
66 Bromoform	173	Compound Not Detected.					
67 Isopropylbenzene	105	Compound Not Detected.					
68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
70 1,2,3-Trichloropropane	110	Compound Not Detected.					
71 Bromobenzene	156	Compound Not Detected.					
72 n-Propylbenzene	120	Compound Not Detected.					
73 2-Chlorotoluene	126	Compound Not Detected.					
74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
75 4-Chlorotoluene	126	Compound Not Detected.					
76 tert-Butylbenzene	119	Compound Not Detected.					
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanch04\dd\chem\MSV\a3ux14.i\R40628A.b\144017.D

Date : 28-JUN-2004 14:54

Client ID:

Instrument: a3ux14.i

Sample Info: MLSVBLK,,2,100UL/5ML,,5.0,5000

Purge Volume: 5.0

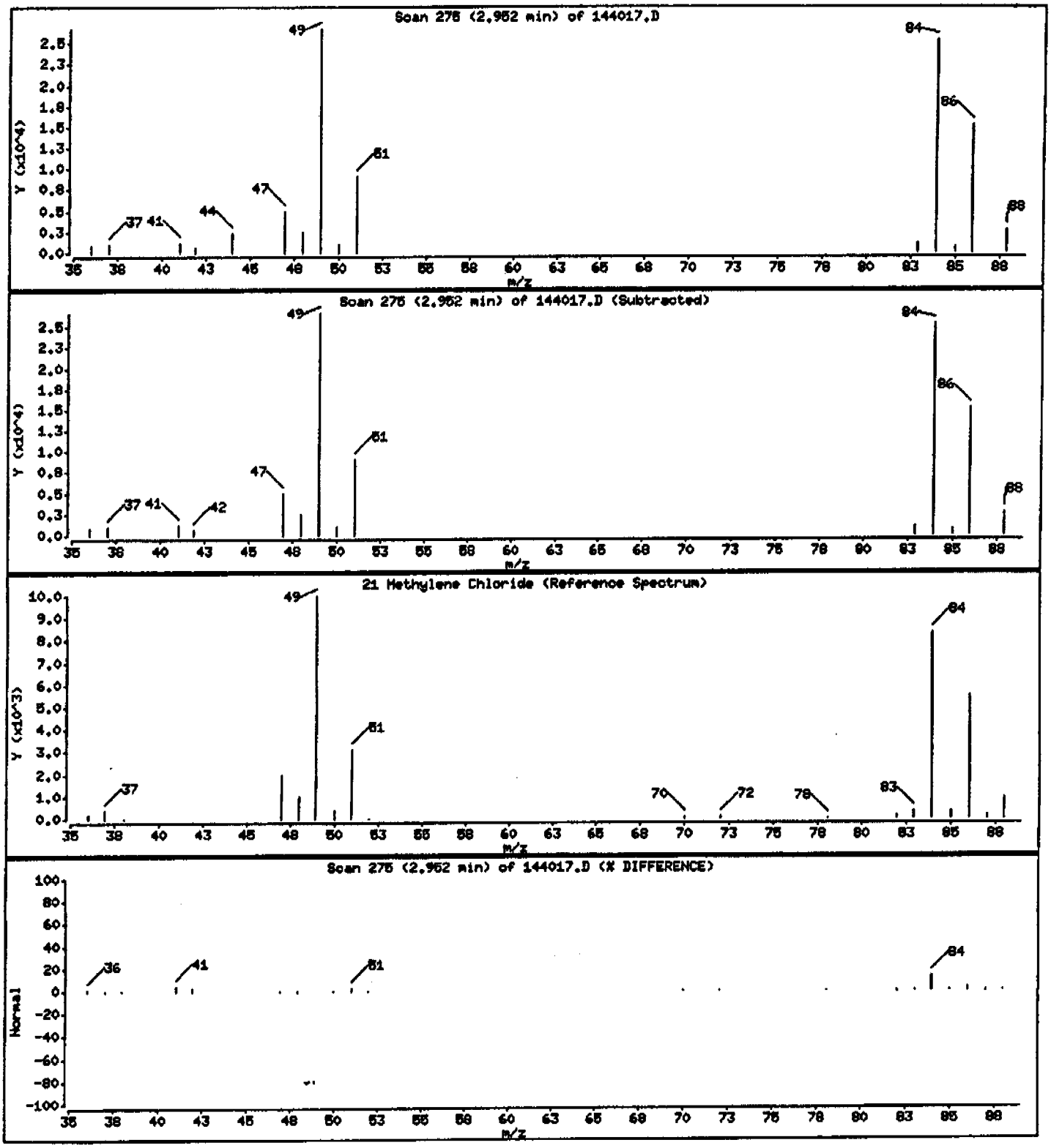
Operator: 2807

Column phase: DB624

Column diameter: 0.18

21 Methylene Chloride

Concentration: 296.88 UG/KG



SEVERN TRENT STL

MISCELLANEOUS DATA

AHD 170157
170 160
150 181

UX7
Batch # H113235

STL-North Canton
GC/MS VOA Run Log

H/23

Date: 4-21-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold — min	to — C @ — C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min	IS # V1758 SS # V1759	Hold 3 min	Bake: 5 min @ 250 C
			Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	DFTPP		DFTP222	50ng	Direct Inject	08:00	OK
1	Val Cal		UX7H907	↓ ng	V1761 V1762,67	UHOH20	OK
2	BN Cal		08	5 ng	V1764 V1760	2-Methylnaphthalene	OK
3	↓		09	10 ng	↓	↓	OK
4			10	25 ng	V1760 V1775		OK
5			11	50 ng	↓		OK
6			12	100 ng			OK
7	↓		13	200 ng	↓	↓	OK
8	LCS		14	50ng	V1768	CCMK3-IAC	OK
9	LCSD		15	↓	↓	IAD	OK
10	Val Blank		16	5ml		IAA	OK
11	CCD1X-IAA	CD	17	0.4ml			OK
12	CCD1U-IAA		18	0.175ml			OK
13	CCD17-IAA		19	5ml			OK
14	CCD19-IAA		20	↓			OK
15	CCD2E-IAA		21	0.002ml			OK
16	CCD2G-IAA	↓	22	5ml			OK
17	CCD2H-IAA		23	0.0015ml		VBA 0.25ml	-
18	CCD2Q-IAA	CD	24	0.225ml			OK
19	CCD2R-IAA		25	5ml			OK
20	CCD2T-IAA		26				OK
21	↓ IAC		27	+50 ng	V1768		
22	↓ IAD		28	↓	↓		
23	CCD2V-IAA		29				OK
24	CCD2W-IAA	↓	30				OK
25	CU7HX-IAA	CD/am	31	0.0375ml			OK
26	CU7HD-IAA		32	5ml			OK
27	CU7H3-IAA		33	↓			OK
28	CU7HH-IAA	↓	34	↓		21:29	OK

Analyst: AMR

Level 2 review: IS

9175

AMR

UX7
Batch # _____

STL-North Canton
GC/MS VOA Run Log

Date: 6-2-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 250 C
	IS # V 1873 SS # V 1900		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB 277	50 ng	Direct Inject	11:51	OK
1	926 Cal 1		UX7 6306	5 ng	V1905, 10 V1914, 18	2 Cal Passed	OK
2	2		07	10 ng			OK
3	3		08	25 ng			OK
4	4		09	50 ng			OK
5	5		10	100 ng			OK
6	6		11	200 ng			OK
7	2CV		12	50 ng	V 1908	2nd Source Passed	OK
8			13				
9			14				
10			15				
11			16				
12			17				
13			18				
14			19				
15			20				
16			21				
17			22				
18			23				
19			24				
20			25				
21			26				
22			27				
23			28				
24			29				
25			30				
26			31				
27			32				
28			33				

Analyst: [illegible]
Level 2 review: SMN

[illegible] 6-2-04

150213 150251 160218
150256 170188 160235

UX7 **STL-North Canton** 6/23 Date: 6-22-04
Batch # H17H292 **GC/MS VOA Run Log** CMR

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min	CMR 6-22-04 9	Hold 3 min	Bake: 5 min @ 250 C
	IS # V 18HH SS # V 1986		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number Sample prep	Comments	Sample status
	BFB		BFB299	50ng	Direct Inject	07:18	OK
1	A9 Cal		UX7 6898		V1972	UH0H21	OK
2	Val Cal		99		V1967 V1987, 90	UH0602	OK
3	LC2		900		V1963	Gg00g-1AC	OK
4	LC3D		01			1AD	OK
5	Val Blank		02	5ml		-1AA	OK
6	GH7Z6-1AA	DED 6-22-04	03				OK
7	GgK9D-1AA	GM	04			Rush R/R	OK
8	GgK9P-1AA		05				OK
9	GgK91-1AA		06				OK
10	GgK RD-1AA	CMR 6-22-04	07				OK
11	GgAXA-1AA		08	5ml			OK
12	GgAX9-1AC		09				OK
13	GgAOH-1AC		10				OK
14	GgAOK-1AC		11				OK
15	GgAOL-1AA		12				OK
16	GgA9H-1AA	ED	13				OK
17	GgA FG-1AA		14	0.1ml			OK
18	MS 1AE		15	+50ng	V1963		OK
19	MSD 1AF		16				OK
20	GgCC6-1AA	ED	17	5ml			OK
21	GgGRP-1AA		18				OK
22	GgGRO-1AA		19	0.625ml		RRO 3ml CLOT CMR 6-22-04	OK
23	GgP15-1AA	ED	20	5ml			OK
24	GgEHO-1AA		21				OK
25	GgEL9-1AB		22				OK
26	GgET3-1AA	ED	23				OK
27	GgEV9-1AA		24				OK

0950

Analyst: CMR
Level 2 review: [illegible]

CMR 6-23-04

UX8 4156124-LLW
Batch # 4156122-LLS

STL-North Canton
GC/MS VOA Run Log

6/3

Date: 6-3-04
MS#: 4156079

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 ~~45~~ C for 1 min	Trap: #10
Length 20 M	to 172 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold ~~4~~ 3 min	Bake: 6 min @ 225 C
He 500 psi	IS # V1925 SS # V1926		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
—	BFB		BFB8765	50ug	Direct Inj	1436	Ok	
1	Blank		ux89919	5ml/5ml			Oh	
2	8260 STD		ux89920	1000ug	V1910, V1914 V1913, V1918		Oh	
3			ux89921	500ug			Oh	
4			ux89922	250ug		M40603	Oh	
5			ux89923	100ug			Oh	
6			ux89924	50ug			Oh	
7			ux89925	25ug			Oh	
8	JCV		ux89926	5ml/5ml	250ug	V1907 FAS	Oh	
9	CHcvh GHK401AC		GHK481AC ux89927	5g/5ml	250ug	V1908 FAS	Oh	
10	CHcvdup GHK401AD		GHK481AD ux89928				OK	
11	VBVU GHK401AA		GHK481AA ux89929				OK	
12	GGV3R1AC		ux89930	6.5g/5ml		6/4	Oh	A4E220155
13	GGV4A1AC		ux89931	5.5g/5ml			Oh	
14	GGV29IAD		ux89932	4.3g/5ml			Oh	
15	GGV3J1AD		ux89933	4.5g/5ml			Oh	
16	GGV3R1AC (Dup)		ux89934	5.9g/5ml			Oh	
17	GGV4A1AC		ux89935	5.3g/5ml			Oh	
18	GGV29IAD		ux89936	4.4g/5ml			Oh	
19	GGV3J1AD		ux89937	3.8g/5ml			Oh	
20	GGW5P1AA		ux89938	5ml/5ml		6/3	Oh	A4E240102
21	GG17M1AA		ux89939			6/8	Oh	A4E250252
22	GG17V1AA		ux89940				Oh	
23	GG17V1AD	MS	ux89941		250ug	V1908 FAS	Oh	
24	GG17V1AE	MSD	ux89942				Oh	
25	GG4TC1AG		ux89943	5.4g/5ml		6/9	Oh	A4E260253
26	GG4TD1AG		ux89944	6.7g/5ml			Oh	
27	GG4TG1AG		ux89945	6.3g/5ml			Oh	
28	GG4TL1AG		ux89946	5.8g/5ml			Oh	
29	GG4TR1AG		ux89947	6.0g/5ml			Oh	
			SAM	6-4-04				

Analyst: SAM
Level 2 review: SAR

UX8
Batch # 4173467

STL-North Canton
GC/MS VOA Run Log

6/21
MS#: 4173265

Date: 6-19-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 1 min	Trap: #10
Length 20 M	to 172 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 6 min @ 225 C
He 2200 psi	IS # V1988 SS # V1989		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
-	BFB		BFB8784	50ug	Direct Inj.	1310	Ok	
1	Blank		UX80399	5ml/5ml			Ok	
2	8260 STD		UX8 0400	250g	V1969, V1971, V1967	M40603	Ok	
3	CHEM GJPGH1AA		UX8 0401	5g/5ml	250g	V1985 FAS	Ok	
4	CHEM GJPGH1AB		UX8 0402				Ok	
5	VBUK GJPGH1AA		UX8 0403				Ok	
6	GJPF81AC MISCTECH #2	Pur 6/16	UX8 0404	100ml/5ml	4173463	5g/5ml	Ok	
7	GJPF81AD MISCTECH #2		UX8 0405				Ok	
8	GJPF81AA MISCTECH		UX8 0406				Ok	
9	GJDX61AM		UX8 0407	4.0g/5ml		6/30 ISd (XL)		A4F16012
10	GH4A81AK	2HE	UX8 0408	0.2ml/5ml	4173150	6/21	Ok	A4F11014
11	GHWWF1AH		UX8 0409	0.07ml/5ml		6/28	Ok	C4F090204
12	GHWW71AU		UX8 0410	1ml/5ml			Ok	
13	GHW1D1AU		UX8 0411	0.06ml/5ml			Ok	
14	GHWX61AU		UX8 0412	5ml/5ml			Ok	
15	GHWXA1AU		UX8 0413				Ok	
16	GHWXD1AU		UX8 0414				Ok	
17	GHWXG1AU		UX8 0415				Ok	
18	GHWXH1AU		UX8 0416				Ok	
19	GHWXL1AU		UX8 0417				Ok	
20	GHWXP1AU		UX8 0418				Ok	
21	GHWXX1AU		UX8 0419				Ok	
22	GHWXZ1AU		UX8 0420				Ok	
23	GH2VT1AQ		UX8 0421			6/29	Ok	C4F100294
24	GH2VT1DL	MS	UX8 0422		250g	V1985 FAS	Ok	
25	GH2VT1DM	MSD	UX8 0423				Ok	
26	GH2TW1AA		UX8 0424				Ok	
27	GH2T31AJ		UX8 0425			CHLORO Ø - 1129		
28	GH2VE1AF		UX8 0426				Ok	
29	GH2VP1AV		UX8 0427				Ok	

SAM 6-21-04

Analyst: SAM
Level 2 review: B

UX9
Batch # 4043524
r.Run# 4043253

STL-North Canton
GC/MS VOA Run Log

(2.13)

Date: 2/11/4

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min	IS # V1536 SS # V1505	Hold 3 min	Bake: 5 min @ 210 C
			Heated purge: Yes / No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB746	50ng	direct injection	(18:48)	OK
1	8260;+d		UX91479	1000ng	✓ V1549 V1547 V1544 V1543		OK
2			UX91480	500ng			OK
3			UX91481	250ng		V40211	OK
4			UX91482	100ng			OK
5			UX91483	50ng			OK
6			UX91484	25ng			OK
7	ICV		UX91485	250ng	V1546		OK
8	AppIX;+d		UX91486	1000ng	V1550/V1551		OK
9			UX91487	500ng			OK
10			UX91488	250ng		V40211-19	OK
11			UX91489	100ng			OK
12			UX91490	50ng			OK
13			UX91491	25ng			OK
14	check		UX91492	250ng	V1546	F9H68 1AC	OK
15	Blank		UX91493	5.0g/5.0ml		1AA	OK
16	check		UX91494	250ng	V1546	1AA	OK
17	F875E·1AA		UX91495	5.0g		60269	OK
18	F875F1AA		UX91496	5.0g			OK
19	F875J·1AA		UX91497	2.0g		TIC	OK
20	F8761·1AA		UX91498	5.0g		60283	OK
21	F896F1AA		UX91499	5.0g		90160	OK
22	F896G1AA		UX91500	5.0g			OK
23	F896H1AA		UX91501	5.0g			OK
24	F896J·1AA		UX91502	5.0g			OK
25	F896K·1AA		UX91503	5.0g			OK
26	F896L·1AA		UX91504	5.0g			OK
27	F896M·1AA		UX91505	5.0g			OK
28	F896M1AA		UX91506	5.0g	+250ng	V1546	OK
29	F896M1AE		UX91507	5.0g	250ng	V1546	OK
						12.4 SMM	

Analyst: SMM
Level 2 review:

UX9

Batch # 4174473

MSRun# 4174324

STL-North Canton
GC/MS VOA Run Log

(6/23)

Date: 6-21-4

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 210 C
	IS # U1942 SS # U1846		Heated purge: (Yes) No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
	BFB		BFB619	50ng				
	BFB		BFB620	50ng	direct	injection (10:20)	OK	
1	Blank		ux9326	5ml			—	
2	8260 std		ux9327	1000ng	U1991 U1967 U1990 U1982		OK	
3			ux9328	500ng			OK	
4			ux9329	250ng		U40621	OK	
5			ux9330	100ng			OK	
6			ux9331	50ng			OK	
7			ux9332	25ng			OK	
8	App IX std		ux9333	250ng	U1973 U1972	U40211-A9	OK	
9	check/ICV		ux9334	250ng	U1985	GJRLR.1AC	OK	
10	Blank		ux9335	5.0g/5ml		1AA	OK	
11	check		ux9336	250ng	U1985	1Ad	OK	
12	GJGXG1AA		ux9337	5.0g		6-23	OK	170191
13	GJGXG1AG		ux9338	5.0g	+250ng	U1985	OK	
14	GJGXG1AH		ux9339	5.0g	+250ng	U1985	OK	
15	GJH4J.1AE		ux9340	5.0g			OK	170341
16	GJH40.1AE		ux9341	5.0g			OK	
17	GJH41.1AE		ux9342	5.0g			OK	
18	GJH45.1AE		ux9343	5.0g			OK	
19	GJH47.1AE		ux9344	5.0g			OK	
20	GJHJA.1AE		ux9345	5.0g			OK	
21	GJHEC1AJ	GM	ux9346	4.7g			OK	170275
22	GJHEE1AJ		ux9347	5.1g			OK	
23	GH1E4.1AC		ux9348	5.7g			OK	100149
24	GH1E7.1AC		ux9349	6.0g		ISL (x2)		
25	GH1Fd.1AC		ux9350	6.0g		ISLL (x2)		
26	GH1FJ.1AC		ux9351	5.2g		ISL (x2)	OK	
27	GH1FM.1AC		ux9352	5.7g		ISL (x2)		
28	GH1FW.1AC		ux9353	4.0g		ISL (x2)	OK	
29	GH1FL.1AC		ux9354	4.8g		ISL (x2)	OK	
						6-22-4 SMM		

Analyst: SMM

Level 2 review:

UX9
Batch # 4175475
MSRun# 4175289

STL-North Canton
GC/MS VOA Run Log

(6.25)

Date: 6.22.4

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 210 C
	IS # U1942 SS # U1999		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
	BFB		BFB 100	50ng	direct	injection (19:51)	OK	
1	8260std		ux94000	250ng	U1990 U1967 U1987	U40621	OK	
2	AppIXstd		ux94001	250ng	U1972, U1973	U40211-A9	OK	
3	check		ux94002	250ng	U1985	GJU3L-1AC	OK	
4	Blank		ux94003	5.0g/5ml		1AA	OK	
5	check		ux94004	250ng	U1985	1Ad	OK	
6	GH7LN-1AC	ed	ux94005	5.5g		7.2	OK	120153
7	GH7LT-1AC		ux94006	5.6g		ISL (X21	OK	
8	GH7LU-1AC		ux94007	5.0g		ISL (X21		
9	GH7MQ-1AC		ux94008	6.22.45MM ~~5.5~~ 6.2g		ISL (X21 7.2	OK	120158
10	GH7M5-1AC		ux94009	5.3g		ISLL (X21	OK	
11	GH7M9-1AC		ux94010	4.0g		ISL (X21	OK	
12	GH7NF-1AC		ux94011	4.3g		ISL (X21		
13	GH75X-1AC		ux94012	4.2g		6.25	OK	140107
14	GH86M-1AA	UNP	ux94013	5.0g		6.28	OK	140173
15	GH86M1AE	MS	ux94014	5.0g			OK	
16	GH86M1AF	Bsd	ux94015	5.0g			OK	
17	GH86R-1AA		ux94016	5.0g			OK	
18	GH86T-1AA		ux94017	5.0g			OK	
19	GH86U-1AC		ux94018	5.0g			OK	
20	GH86X-1AC		ux94019	5.0g			OK	
21	GH861-1AC		ux94020	5.0g			OK	
22	GH863-1AC		ux94021	2.0g			OK	
23	GH864-1AA		ux94022	5.0g			OK	
24	GH866-1AA		ux94023	5.0g		ISL		
25	GH868-1AC		ux94024	5.0g			OK	
26	GH87A-1AA		ux94025	5.0g			OK	
27	GH87E-1AA		ux94026	5.0g			OK	
28	GH87F-1AA		ux94027	5.0g			OK	
						6.23.45MM		

Analyst: SNM
Level 2 review: [signature]

UX9

STL-North Canton
GC/MS VOA Run Log

(6-28)

Date: 6-24-4

Batch # 4177561

MS Run # 417735

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 210 C
	IS # V2005 SS # V1999		Heated purge: Yes No

	Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number Sample prep	Comments	Sample status	
		BFB		BFB102	50 ng	direct	injection (20:00)	OK	
	1	8260std		UX94041	250 ng	V1990 V2001 V1995	V40621	OK	
	2	AppIXstd		UX94042	250 ng	V1997 V2003	V40211-A9	OK	
	3	check		UX94043	250 ng	V1985	GJ325-1AL	OK	
	4	blank		UX94044	5.0 g 5 ml		1AA	OK	
	5	check		UX94045	250 ng	V1985	1AD	OK	
	6	GJEJ9-1Ad	VAP	UX94046	5.0 g		6-30	OK	160223
	7	GJEKA-1Ad		UX94047	5.0 g			OK	
	8	GJJEL-1AA		UX94048	0.5 g		TIC 7-1	OK	170326
	9	Rinse		UX94049	5 ml			—	
N	10	GJEKA1AE	MS	UX94050	5.0 g	+250 ng	V1985	OK	
	11	GJEKA1AF	MSD	UX94051	5.0 g	+250 ng	V1985	OK	
	12	GJEK9-1Ad		UX94052	5.0 g			OK	
	13	GJELC-1Ad		UX94053	5.0 g			OK	
	14	GJLWV-1AC		UX94054	5.0 g		6-30	OK	180352
	15	GJLW7-1AC		UX94055	5.0 g			OK	
	16	GJCCK-1AC	VAP CVA	UX94056	6.1 g		7-5	OK	050251
	17	GJCCW-1AC		UX94057	6.5 g		ISL		
	18	GJCCP-1AC		UX94058	5.7 g			OK	
	19	GJCCX-1AC		UX94059	6.4 g		ISL		
	20	GJR2K-1AC	GCMS VA	UX94061	5.1 g		ISL not needed 6-28		230125
VP	21	GJE5J-1AC		UX94062	2.8 g		not needed	OK	
	22	GJR3L-1AC		UX94063	3.6 g		ISL (x2)	OK	
	23	GJR3P-1AC		UX94064	3.4 g		ISLL SSL (x2)		
	24	GJQE3-1AA	CVA	UX94065	5.1 g		7-6	OK	220163
	25	GJQFX-1AJ		UX94066	6.1 g			OK	
	26	GJQFO-1AJ		UX94067	5.2 g			OK	
	27	GJQF1-1AJ		UX94068	4.8 g			OK	
	28	GJQF2-1AJ		UX94069	5.0 g			OK	
							6-25-4 SM		

Analyst SM

Level 2 review: TS

UX11
Batch # 4142147

STL-North Canton
GC/MS VOA Run Log

(5/24)

Date: 5/20/04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 20 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min	IS # V1802 SS # V1832	Hold 3 min	Bake: 5 min @ 250 C
			Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
✓	BFB		BFB 117	50 ng	dir ng cct	10:03	on
✓	101 STD		UXJ20841	200 ng	V1847, 70, 71, 68		on
✓	101 STD		46	100 ng		J40520	on
✓	101 STD		47	50 ng			on
✓	101 STD		48	25 ng			on
✓	101 STD		49	10 ng			on
✓	101 STD		50	5 ng			on
	ACV		51	50 ng	V1866	not needed	—
✓	Ag STD		52	200 ng	V1866, 72	J40520 Ag	on
✓	Ag STD		53	100 ng			on
✓	Ag STD		54	50 ng			on
✓	Ag STD		55	25 ng			on
✓	Ag STD		56	10 ng			on
✓	Ag STD		57	5 ng			on
5/21/04	~~Check / ACV~~		check 58	50 ng	V1866	G6QC7	on
✓	~~Check Dup / ACV~~		59				on
5/20/04	~~Blank~~		check dup 60				on
✓	Blank		61	5 ml			on
✓	GF4EV1AA		62				on
✓	GF4E31AA		63				on
✓	GF53A1AA		64				on
✓	GF55X1AM		65				on
✓	GF1301AM		66				on
✓	GF552AM		67				on
✓	GF556AM		68				on
✓	GF5581AM		69				on
✓	GF559AM		70				on
✓	GF56CAM		71	1 ml / 5 ml			on
✓	GF56CAE (S)		72		1.5 ng		on
✓	GF56CAE (D)		73				on
	GF56DAM		74	5 ml		out of time	
	GF56E1AA		75				
	GF56G1AA		76				

Analyst: [illegible]
Level 2 review: SMM

#5

UX11
Batch # 415 4145

STL-North Canton
GC/MS VOA Run Log

(6/3)

Date: 6/1/04

Column
Type: DB624
Length 20 M
I.D. 0.18 mm
Flow Rate 0.4ml/min

BFB
100 C for 0.1 min
to 200 C @ 20 C/min
Hold -- min
IS # V1915 SS # V1916

Analysis
45 C for 2 min
to 200 C @ 20 C/min
to -- C @ -- C/min
Hold 3 min

Purge & Trap
Trap: #10
Purge: 11
Desorb: 1 min @240 C
Bake: 5 min @ 250 C
Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
✓	BFB		BFB130	50ng	dai mgt	CT (9:20)	OK
1.	601 STD		UXJ1467	200ng	V1905, 10	13,18	OK
2.	601 STD		68	100ng		J40601	OK
3.	601 STD		69	50ng			OK
4.	601 STD		70	25ng			OK
5.	601 STD		71	10ng			OK
6.	601 STD		72	5ng			OK
7.	dCV		73	50ng		(R) wrong STD	—
8.	dCV		74	50ng	V1908		OK
9.	check	6HFEJ	75	50ng			OK
10.	blank		76	5ml			OK
11.	check dup		77	50ng			OK
12.	66NX11AA		78	0.06ml/5ml			OK
13.	66QJZ1A7		79	2.5ml/5ml			OK
14.	66QJT1AJ		80	〃			OK
15.	66QJV1AF		81	〃			OK
16.	66QJX1AJ		82	0.75ml/5ml			OK
17.	66TR11AA		83	5ml			OK
18.	66VJD1DE	6D	84	〃			OK
19.	66VJ81DE	〃	85	〃			OK
20.	66VKA1AA	〃	86	〃			OK
21.	66RT21AJ		87	5ml			OK
22.	66WC61AD		88	〃			OK
23.	66NX11AD	(5)	89	0.06ml/5ml	+50ng		OK
24.	66NX11AZ	(D)	90	〃	〃		OK
25.	66V7P1AZ	6D/HCS	91	0.625ml/5ml			OK
26.	66V7Q1AZ	〃	92	0.55ml/5ml			OK
27.	66V7N1AC	〃	93	5ml			OK
28.	66V7V1AZ	〃	94	〃			OK
						6/2/04	

975 ✓

0.1ACE
0.197

Analyst: [signature]
Level 2 Review: CMR

UX11
Batch # 475141

STL-North Canton
GC/MS VOA Run Log

6/24

Date: 6/22/04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 20 C/min	Purge: 11
I.D. 0.18 mm	Hold — min	to — C @ — C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min	IS # V1980 SS # V1981	Hold 3 min	Bake: 5 min @ 250 C
			Heated purge: Yes No

Autosampler Num	Sample ID / Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
X	BFB		BFB134	50mg	dirnyet	8:15	On
1	VO1 STD		MV021773			@ new std	—
2	A9 STD		800		MA22773	J405d0	On
3	VO1 STD		01		V1995, 90, 87	J40601	On
4	check	GJR33	02		V1985		On
5	check dup		03				On
6	blank		04	5ml		not used	—
7	blank		05				On
8	GJJEQ1AA		06	5ml			On
9	GJJERIAA		07				On
10	GJJET1AA		08				On
11	GH7NG1AA CD		09				On
12	GH16A1AA		10				On
13	GH869IAA		11				On
14	GH8V1AA		12				On
15	GJEGH1AM	VAD	13				On
16	GJEG1AM		14				On
17	GJEG61AM		15				On
18	GJEGN1AA		16				On
19	GJEGN1AM		17				On
20	GJEQT1AC CD	1625	18				On
21	GJEQT1AF (5)		19		1 drop		On
22	GJEQT1AG (D)		20				On
23	GJERF1AA +	2	21				On
24	GJERK1AA +	5	22				On
25	GJERN1AA		23				On
26	GJERN1AA +	5	24				On
27	GJERQ1AA +	2	25				On
28	GJERR1AA +	5	26				On
29	GJETR1AA		27			@ into new	—
30							
6/24/04							
						6/23/04	

Analyst:
Level 2 review: STL North Canton

UX12
Batch # _____

STL-North Canton
GC/MS VOA Run Log

DVE 5-28

Date: 5-27-4

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold – min	to – C @ – C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 210 C
	IS # V1879 SS # V1854		Heated purge: Yes/No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
✓	BFB		BFB677	50ng		21:07	ok
✓	8260 STD		UX126992	2.5ng	V1887, 1904, 05	T40527	ok
✓			93	5ng			ok
✓			94	25ng			ok
✓			95	50ng			ok
✓			96	100ng			ok
✓			97	250ng			ok
✓	ICV		98	50ng	V1888		ok
✓	CGAS ICV		99	50ng	V1903		ok
✓	MLP LCS	5-27 MJ	UX127000	100µL/5mL	25g	GHAC2 4149303	ok
✓	MLP LCSD		01				ok
✓	MLP BLK		02				ok
✓	GG59W1AE		03	100µL/5mL	28.4		ok
✓	GG590 1AE		04		27.6		ok
✓	GG591 1AE		05		26.8		ok
✓	GG592 1AE		06		26.5		ok
✓	MLP LCS	5-20 MJ	07	100µL/5mL	25g	GG6P5 4148251	ok
✓	MLP LCSD		08				ok
✓	MLP BLK		09				ok
✓	GGJC2 1AA		10	100µL/5mL	24.8		ok
✓	GGJFC 1AA		11		16.5	SS↓	ok
✓	GGJFP 1AA		12		26.5		ok
✓	GGJFV 1AL		13		24.0		ok
✓	GGJFW 1AW		14		23.2		ok
✓	GGJF01A7		15	5µL/5mL	17.4		ok
✓	GGJF3 1AA		16	100µL/5mL	26.2		ok
✓	GG66 1 1AA	5-27 MJ	17	100µL/5mL	27.6	4149303	ok
	GG4EC 1AA	5-26 MJ	18	5µL/5mL	28.3	RL 100µL	
			19				
			20				
			21			5-28-4	

Analyst: [signature]
Level 2 Review: [signature]

UX12
Batch # 4155448

STL-North Canton
GC/MS VOA Run Log

PVE 6-4

Date: 6-2-4
2ND TUNE

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	45 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @190 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 210 C
	IS # V1912 SS # V1920		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number/ Sample prep	Comments	Sample status
	BFB		BFB683	50ng		16:31	ok
	8260 STD		UX127149	50ng	V1905,10,13	T40527	ok
	A8 STD		50	250ng	V1911,14	T40602-A9	ok
	↓		51	100ng	↓	↓	ok
			52	6-2-4 50ng			ok
			53	25ng			ok
			54	5ng			ok
			55	2.5ng			ok
	CHECK		56	50ng	V1908	GHKFD	ok
	CHECK		57	50ng	↓	SST	NR
	BLANK		58	5mL			ok
	GG2NC1AA	OVAP	59	20µL/5mL			ok
GM	GG1M51AA		60	5mL			ok
	GG1NH1AH		61	1mL/5mL			ok
	GG1NX1AH		62	1mL/5mL			ok
	GG1N11AH		63	5mL			ok
	GG1N21AH		64	5mL			ok
	GG1N51AA		65	5mL			ok
	GG2NC1AF	-MS	66	20µL/5mL	+50ng		ok
	GG2NC1AG	-MSP	67	↓	↓		ok
	GG15W1AA		68	5mL			ok
	GG1671AA		69	5mL			ok
	GG1691AA		70	5mL			ok
	GG17H1AA		71	5mL			ok
OVAP	GG2QE1AA		72	1.5mL/5mL		~~AA 3mL~~ DIL TIC 6-3-4	ok
↓	GG2Q21AA		73	5mL			ok
+ TIC	GG15L1DC		74	3mL/5mL			ok
↓	GG15T1AD		75	0.625mL/5mL			ok
GM	GGVLA1AL	5-27 4B	76	1mL/5mL	5.5	4154578	ok
↓	GGVP81AA	↓	77	20µL/5mL	4.2	~~DIL TIC~~ 6-3-4 ↓	ok E220122
			78				
			79			6-3-4	

Analyst: [signature]
Level 2 reviewer: [signature]

UX12
Batch # _____

STL-North Canton
GC/MS VOA Run Log

Date: 7-1-4

Column
Type: DB624
Length 20 M
I.D. 0.18 mm
Flow Rate 0.4ml/min

BFB
100 C for 0.1 min
to 200 C @ 20 C/min
Hold = min
IS # V1027 SS # V1924

Analysis
45 C for 2 min
to 200 C @ 15 C/min
to = C @ = C/min
Hold 3 min

Purge & Trap
Trap: #10
Purge: 11
Desorb: 1 min @190 C
Bake: 5 min @ 210 C
Heated purge: Yes (No)

Autonum	Sample ID / Workorder #	Method	File Name	Amt purged	Std number / Sample prep	Comments		Sample status
	BFB		BFB710	50ng			15:30	OK
✓	8260 STD		UX127845	50ng	V201930,36	TK0527		OK
✓	A9 STD		46	50ng	V1000,18	TK0602-A9		OK
✓	MLP LCS	6-25 4B	47	20µL/5mL	5g	GKFAK	4184162	OK
✓	MLP LCSD	↓	48	↓	↓	↓	↓	OK
✓	MLP BLK	↓	49	↓	↓	↓	↓	OK
GM	GJ16G1AA	↓	50	3µL/5mL	5.1	F250190	↓	OK
A9	GJK3V1AC	6-13 4B	51	6µL/5mL	5.4	F180238	4183519	OK
✓	GJK4N1AC	↓	52	12µL/5mL	5.5		↓	OK
✓	MLP BLK	6-16 4B	53	20µL/5mL	5g	GJPF8	4179463	OK
✓	MLP LCS	6-25 MI	54	100µL/5mL	25g	GKFAK	4184164	OK
✓	MLP LCSD	↓	55	↓	↓	↓	↓	OK
✓	MLP BLK	↓	56	↓	↓	↓	↓	OK
✓	GJXCQ1AA	↓	57	100µL/5mL	30.0		↓	OK
✓	GJXCV1AA	↓	58	↓	27.9		↓	OK
✓	GJXCX1AA	↓	59	↓	25.9		↓	OK
✓	GJXEA1AA	↓	60	100µL/5mL	20.9	55L	↓	OK
✓	GJ183IAA	↓	61	100µL/5mL	26.7	↓	↓	OK
✓	GJ19E1AA	↓	62	100µL/5mL	27.6	↓	↓	OK
✓	MLP LCS	6-27 MI	63	100µL/5mL	25g	GKFAW	4184166	OK
✓	MLP LCSD	↓	64	↓	↓	↓	↓	OK
✓	MLP BLK	↓	65	↓	↓	↓	↓	OK
✓	GJ4KK1AA	↓	66	100µL/5mL	29.0	↓	↓	OK
✓	GJ4KM1AA	↓	67	100µL/5mL	28.2	↓	↓	OK
✓	GJ4QA1AW	6-29 73	68	20µL/5mL	4g	2MNP9 F250148	4189142	OK
			69					
			70					
			71					
			72			7-2-4		
			73					
			74					

Analyst: _____
Level 2 review: _____

UX14
Batch # _____

STL-North Canton
GC/MS VOA Run Log

6/1

Date: 5-28-04

Column
Type: DB624
Length 20 M
I.D. 0.18 mm
Flow Rate 0.4ml/min
no MeOH

BFB
100 C for 0.1 min
to 200 C @ 20 C/min
Hold = min
IS # V1841 SS # V1864

Analysis
35 C for 2 min
to 200 C @ 15 C/min
to = C @ = C/min
Hold 3.25 min

Purge & Trap
Trap: K
Purge: 11
Desorb: 1 min @250 C
Bake: 4 min @ 350 C
Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number/ Sample prep	Comments	Sample status
—	BFB		BFB142.D	50 ng	V1841 Ext.	1438	OK
1	40 Blank		143447	5ml/5ml			OK
2	8260 STD		143448	1000 ng	V1905 V1906 V1907 V1910		OK
3			143449	500 ng			OK
4			143450	250 ng		R40528	OK
5			143451	100 ng			OK
6			143452	50 ng			OK
7			143453	25 ng			OK
8	ICV		143454	5ml/5ml	250 ng	V1908 FAS	OK
9	Bromomethane		143455	250 ng	V1847		OK
10			143456	150 ng			OK
11			143457	100 ng		R40528-Ba	OK
12			143458	75 ng			OK
13			143459	50 ng			OK
14			143460	25 ng			OK
15	CCV		143461	5ml/5ml	250 ng	V1908 FAS	OK
16	CCV Dup		143462				OK
17	VBLK		143463				OK
18	GGFK71AA	6.3	143464	100ml/5ml	V1847499	6/1	OK
19	GGFK81AA	5.2	143465				OK
20	GGFK81DX	3.8 ms	143466			no purge	OK
21	GGFK81DO	5.6 ms	143467				OK
22	MSCCAL	Prep 5/20	143468			5ml/5ml (not needed)	OK
23	MSCCALDup		143469				OK
24	MSVBLK		143470				OK
25	GGIH21AA	5.3	143471			Relun	OK
26	GGIH51AA	5.2	143472				
27	GGIH61AA	3.5	143473				
28	GGIH11AA	5.5	143474				
29	MSVBLK	Prep 5/22	143475			5ml/5ml	

A4E180120

Analyst: SPM
Level 2 Review: SPM

UX14
Batch # 4156226

STL-North Canton
GC/MS VOA Run Log

6/3

Date: 6-2-04
MS#: 4156130

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # V1891 SS # V1864		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
–	BFB		BFB14227	50cy	Direct Test	0906	Ok	
1	Blank		143534	5ml/5ml			Ok	
2	8260 STD		143535	250y	V1905, V1910 V1913	R40528	Ok	
3	Bromomethane		143536	100y	V1913	R40528-BR	Ok	
4	ADDIX STD		143537	1000y	V1914, V1914		Ok	
5			143538	500cy			Ok	
6			143539	250y		R40602-A9	Ok	
7			143540	100cy			Ok	
8			143541	50cy			Ok	
9			143542	25cy			Ok	
10	CHECK GHLJ91AC		143543	5g/5ml	250y	V1908 FAS	Ok	
11	CHECK GHLJ91AD		143544				Ok	
12	VBLK GHLJ91AA		143545				Ok	
13	GGQQ31AC		143546	7.0g/5ml		6/4	Ok	A4E210179
14	GGQQ51AC		143547	6.0g/5ml			Ok	
15	GGQQ51AA DH	MS1	143548	5.0g/5ml	250y	V1908 FAS	Ok	
16	GGQQ51AC DJ	MSD	143549	4.5g/5ml			Ok	
17	GGQRF1AC		143550	5.8g/5ml			Ok	
18	GGQRN1AC		143551	4.8g/5ml			Ok	A4E210175
19	GG9PM1AA		143552	5.0g/5ml		6/4	Ok	
20	GG9QH1AA		143553	6.0g/5ml		IS↓ (X2)	Ok	
21	GHHX81AA 2HECHECK		143554	1ml/5ml	250y	4155175 V1908 FAS	Ok	
22	GHHX81AC 2HECHECKDUP		143555				Ok	
23	GHDOW1AA 2HEBLK		143556				Ok	A4E270168
24	GG6NF1AD		143557			6/3	Ok	
25	GG6NF1A1	MS	143558		250y	V1908 FAS	Ok	
26	GG6NF1A2	MSD	143559				Ok	
27	GG6NW1AD		143560				Ok	A4E210176
28	GGQPX1AA	6.9	143561	100ml/5ml	4153142	6/4 5y	Ok	
29	GGQP81AA	6.0	143562			5y	Ok	
				SAM	6-3-04			

Analyst: SAM
Level 2 review: SAM

UX14
Batch # 4173408

STL-North Canton
GC/MS VOA Run Log

6/21

Date: 6-19-04
MS#: 4173229

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # V1956 SS # V1945		Heated purge (Yes) No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number Sample prep	Comments	Sample status	
—	BFB		BFB14239	50g	Direct Inj.	1219	Ok	
1	Blank		14 3833	5ml/5ml			Ok	
2	8260 STD		14 3834	250g	V1969, V1971, V1967	R40528	Ok	
3	APPIX STD		14 3835	250g	V1967, V1972, V1973	R40602-A5/R40528-BK	Ok	
4	Check GJPATIAC		14 3836	5g/5ml	250g	V1985 FAS	Ok	
5	Check GJPATIAD		14 3837				Ok	
6	V32 GJPATIAA		14 3838				Ok	
7	GJKPX1AC		14 3839	5.2g/5ml	6/21	(x2) IS↓↓ SS↑↓		A4F180188 A4F090111
8	GHV5R1AJ		14 3840	5.2g/5ml		6/21	Ok	
9	GHV5V1AC		14 3841	3.3g/5ml			Ok	
10	GHV5V1AD	MS	14 3842	4.5g/5ml	250g	V1985 FAS	Ok	
11	GHV5V1AE	MSD	14 3843	4.3g/5ml			Ok	
12	GH1E41AC		14 3844	5.7g/5ml		IS↓ 6/30		A4F100147
13	GH1E71AC		14 3845	5.8g/5ml		IS↓		
14	GH1FD1AC		14 3846	5.4g/5ml		IS↓↓		
15	GH1FJ1AC		14 3847	5.4g/5ml		IS↓↓		
16	GH1FM1AC		14 3848	3.6g/5ml		IS↓		
17	GH1FW1AC		14 3849	5.7g/5ml		IS↓↓ SS↓		
18	GH1F61AC		14 3850	6.1g/5ml		IS↓↓		A4F120153
19	GH7LN1AC		14 3851	5.7g/5ml		IS↓↓ 7/2		
20	GH7LT1AC		14 3852	4.9g/5ml		IS↓↓ SS↑↓		
21	GH7LV1AC		14 3853	5.1g/5ml		IS↓		A4F120158
22	GH7MQ1AC		14 3854	5.8g/5ml		IS↓↓ 7/2		
23	GH7MV1AC		14 3855	6.1g/5ml		~~IS↓↓ SS↑↓~~ 6-21-04	Ok	
24	GH7M51AC		14 3856	4.7g/5ml		IS↓↓ SS↑		
25	GH7MA1AC		14 3857	4.0g/5ml		IS↓↓		
26	GH7NE1AC		14 3858	6.1g/5ml			Ok	
27	GH7NF1AC		14 3859	4.1g/5ml		IS↓		
28	GH2J91AA	2.08	14 3860	1/10 x 1ml/5ml	4173205	6/21	Ok	A4F100278
29	GH2J51AA	2.00	14 3861	50ml/5ml			Ok	

SB 6-21-04

Analyst: [illegible]
Level 2 review: B

UX14
Batch # 4175226

STL-North Canton
GC/MS VOA Run Log

6/23 MS#; 4175137

Date: 6-22-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # V1956 SS # V1945		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
—	BFB		BFB14244	50g	Direct Inj.	0810	Ok	
1	Blank		143891	5ml/5ml			Ok	
2	8240 STD		143892	250ug	V1967, V1990, V1987	R 40528	Ok	
3	App IX STD		143893	250ug	V1967, V1972, V1973	R 40602-A5/R 40528-BA	Ok	
4	Check GJTJG1AC		143894	5g/5ml	250ug	V1985 FAS	Ok	
5	Check Dup GJTJG1AD		143895				Ok	
6	Check GJTJG1AA		143896				Ok	
7	GJH5D1AE		143897	5g/5ml		6/23	Ok	A4F170341
8	GJH521AE		143898				Ok	
9	GJH5D1AE	(Dup)	143899				Ok	
10	GJH521AE		143900				Ok	
11	GJTJL1AC Mis Check	Dup 6/11	143901	100ml/5ml	4175232	5g/5ml	Ok	
12	GJTJL1AD Mis Check Dup		143902				Ok	
13	GJTJL1AA Mis Check		143903				Ok	
14	GH3151AA	5.1	143904	100ml/5ml		6/25 TIC	Ok	A4F110103
15	GH3161AL	5.6	143905	2ml/5ml		Tol - 2672ug 1/10 x 4ml/5ml	N	
16	Blank		143906	5ml/5ml			Ok	
17	GJKQM1AA		143907	5.8g/5ml		7/2	Ok	A4F180195
18	GJKQ01AJ		143908	5.1g/5ml			Ok	
19	GJKPF1AA		143909	4.7g/5ml			Ok	A4F180195
20	GJKPF1AE	MS	143910	4.4g/5ml	250g	V1985 FAS	Ok	
21	GJKPF1AD	MSD	143911	5.5g/5ml			Ok	
22	GJKQ51AR		143912	5.9g/5ml			Ok	
23	GJKRA1A1		143913	5.0g/5ml			Ok	
24	GJKRH1AC		143914	6.0g/5ml			Ok	
25	GJKRL1AK		143915	5.0g/5ml			Ok	
26	GJKRQ1AT		143916	5.1g/5ml		IS↓		
27	GJKRV1A2		143917	4.8g/5ml			Ok	
28	GH7NC1AC		143918	5.0g/5ml		7/2 IS↓ (X2)	Ok	A4F120158
29	GH7NC1AC	Dup	143919			IS↓ (X2)		
				SAM 6-23-04				

Analyst: SAM
Level 2 review: [illegible]

UX14
Batch # 4177231

STL-North Canton
GC/MS VOA Run Log

6/25

Date: 6-24-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold – min	to – C @ – C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # V1956 SS # V1945		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
–	BFB		BFB14246	50ug	Direct Inj.	1008	Ok	
1	Blank		143949	5ml/5ml			Ok	
2	8260 STD		143950	250ug	V1990, V2001 V1995	R405-28	Ok	
3	APPIX STD		143951	250ug	V1985, V2000 V1997	R40602-A4/R405-28-A	Ok	
4	Check GJ1911AC		143952	5g/5ml	250ug	V1985 FAS	Ok	
5	Check GJ1911AD		143953				Ok	
6	MBLK GJ1911AA		143954				Ok	
7	ZHECHECK GJ19J1AA		143955	1ml/5ml	250ug	(4177226) V1985 FAS	Ok	
8	ZHECHECK GJ19J1AC		143956				Ok	
9	GJRJ61AA ZHEVBVL		143957				Ok	
10	GH5NH1AC		143958			6/25	Ok	A4F110292
11	GH5NH1AX	MS	143959		250ug	MS#: 4177142 V1985 FAS	Ok	
12	GH5NH1AD	MSD	143960				Ok	
13	GH8661AA		143961	5g/5ml		IS↓ (X2) 6/28		A4F140173
14	GJEL21AA		143962	2.2g/5ml		6/25	Ok	A4F160233
15	GJEMA1AM		143963	4.6g/5ml		IS↓ (X2)	Ok	
16	GJEME1AM		143964	5.0g/5ml		IS↓		
17	GJEMF1AM		143965	2.4g/5ml			Ok	
18	GJEMG1AM		143966	1.3g/5ml			Ok	
19	GJEMJ1AM		143967	2.9g/5ml		IS↓ (X2)	Ok	
20	GH9961AC		143968	3.6g/5ml		6/29	Ok	A4F150152
21	GJAAV1AN		143969	4.2g/5ml		IS↓		
22	GJAAY1AN		143970	3.3g/5ml		IS↓↓ SS↑↓		
23	GJCAR1AC		143971	4.8g/5ml		IS↓↓ SS↓ 7/5		A4F150251
24	GJCAR5AC		143972	6.1g/5ml		IS↓↓ SS↓		
25	GJCCD1AC		143973	6.4g/5ml		IS↓↓		
26	GJZAJ1AC MSCHECK	6/25	143974	100ml/5ml	4177234	4g/10ml	Ok	
27	GJZAJ1AD MSCHECK		143975				Ok	
28	GJZAJ1AA MSVBVL		143976				Ok	A4F140173
29	GH87H1AA		143977			6/28	Ok	

SAM 6-25-04

Analyst: S Am.
Level 2 Review: [illegible]

UX14
Batch # 4180357

STL-North Canton
GC/MS VOA Run Log

6/28

Date: 6-25-04

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # V2009 SS # V1945		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number Sample prep	Comments	Sample status	
–	BFB		BFB14247	50ug	Direct Inj		(N)	
–	BFB		BFB14248	50ug	Direct Inj.	(15-46)	Ok	
1	Blank		143978	5ml/5ml			Ok	
2	8LUD STD		143979	250ug	V2001, V1990 V1995	R40528	Ok	
3	APPTX STD		143980	250ug	V1997, V2000 V1995	R40602-AS/R40528-BR	Ok	
4	CHECK GJ5XJ1AC		143981	5g/5ml	250ug	V2008 FAS	Ok	
5	CHECK GJ5XJ1AD		143982				Ok	
6	VBLK GJ5XJ1AA		143983				Ok	
7	GJLEQ1AK		143984	1ml/5ml	4177226	2HE 6/28	Ok	A4F180258
8	GJLEV1AK		143985				Ok	A4F180286
9	GJK7T1ACF	1.84	143986	100ul/5ml	4180361	6/28 (Filtrates)	Ok	A4F180259
10	GJK83ICF	1.75	143987				Ok	0270
11	GJK9R1CF	1.76	143988				Ok	0272
12	GJLCG1CF	1.77	143989				Ok	0277
13	GJLD91CF	1.74	143990				Ok	028
14	GJLEV1CF	1.81	143991				Ok	0286
15	GJLAJ1CF	1.74	143992	30ul/5ml		TIC	Ok	0274
16	Blank		143993	5ml/5ml			Ok	
17	GJGPP1AA	4g	143994	20ul/5ml	4177234	TIC 7/1	Ok	A4F120180
18	GJGPP1AA		143995			TIC	Ok	
19	GJAAV1AN		143996	3.2g/5ml		6/29	Ok	A4F180152
20	GJAAY1AN		143997	2.3g/5ml		IS↓ (X2)	Ok	
21	GJCAR1AC		143998	5.7g/5ml		7/5 IS↓↓ SS↑↓ (X2)		A4F150251
22	GJCA51AC		143999	6.2g/5ml		IS↓↓ SS↓ (X2)		
23	GJCCD1AC		144000	6.0g/5ml			Ok	
24	GJQF41AJ		144001	6.5g/5ml		7/6	Ok	A4F220161
25	GJQF51AJ		144002	5.8g/5ml			Ok	
26	GJQF71AJ		144003	5.6g/5ml			Ok	
27	GJQF81AJ		144004	5.7g/5ml			Ok	
28	GJEHN1AC		144005	3.9g/5ml		IS↓ 7/6		A4F160218
29	GJEH51AC		144006	5.8g/5ml		IS↓		

SAM 6-28-04

Analyst: SAM.
Noel Thevenin

UX14
Batch # 4182494

STL-North Canton
GC/MS VOA Run Log

7/1

Date: 6-28-04

MS#: 4182249

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	35 C for 2 min	Trap: K
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @250 C
Flow Rate 0.4ml/min		Hold 3.25 min	Bake: 4 min @ 350 C
	IS # v2009 SS # v1945		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status	
—	BFB		BFB14249	50ug	Direct Inj.	1029	Oh	
1	Blank		144007	5ml/ml			Oh	
2	8260STD		144008	250ug	v2001, v2002 v1993	R40528	Oh	
3	APPIXSTD		144009	250ug	v1995 v2000 v1997	R40602-A4/R40518-BR	Oh	
4	Check GKAW61AC		144010	5g/5ml	250g	v2008 FAS	Oh	
5	Check GKAW61AD		144011				Oh	
6	VBLK GKAW61AA		144012				Oh	
7	GJGHQ1AC	6.1	144013	100ul/5ml	4173168	7/7	Oh	A4F170167
8	GJHRH1AH	4.8	144014		4173168	7/1	Oh	A4F170317
9	GKAWM1AC Pup 6/24		144015	100ul/5ml	4182484	5g/5ml	Oh	
10	GKAWM1AD		144016				Oh	
11	GKAWM1AA		144017				Oh	
12	GJA8Q1AC	4.8	144018	100ul/5ml	4173463	SS↓↓ 7/5	Oh	A4F150251
13	GJXAQ1AJ	6.1	144019	100ul/5ml	4182484	7/8	Oh	A4F040195
14	GJCCN1AC		144020	6.3g/5ml		7/5 IS↓ (X2)		A4F150251
15	GJCCX1AC		144021	5.2g/5ml		IS↓ (X2)		
16	GJEHN1AC		144022	5.2g/5ml		7/6 IS↓↓ (X2)		A4F160218
17	GJEHS1AC		144023	5.9g/5ml		IS↓↓ SS↓ (X2)		
18	GJGHS1AC		144024	5.6g/5ml		7/7 IS↓↓ SS↓ (X3)	Oh	A4F170167
19	GJGHS1AD	MS	144025	6.1g/5ml	250ug	IS↓↓ v2008 FAS	Oh	
20	GJGHS1AE	MSD	144026	6.3g/5ml		IS↓↓	Oh	
21	GJGJC1AC		144027	6.3g/5ml		IS↓↓ SS↓ (X2)	Oh	
22	GJGJF1AC		144028	6.1g/5ml		IS↓ (X2)	Oh	
23	GJGJP1AC		144029	6.4g/5ml		IS↓↓↓ SS↓ (X2)	~~Oh~~	
24	GJGJR1AC		144030	6.5g/5ml		IS↓ (X2)	Oh	
25	GJEH8 1AC		144031	5.8g/5ml		IS↓↓ SS↓ 7/6 (X2)	Oh	A4F160218
26	GJEH9 1AC		144032	5.7g/5ml		IS↓↓	Oh	
27	GJEJF1AC		144033	5.7g/5ml		IS↓↓ (X2)	Oh	
28	GJEJL1AC		144034	5.7g/5ml		IS↓↓ (X2)	Oh	
29	GJEJM1AC		144035	6.7g/5ml			Oh	

SJM 6-29-04

Analyst: SJM
Level 2 review: [illegible]

VOA 5035 Soil Preservation Log

STL - North Canton

Preservation date	Sample Workorder#	High level sample wt (g)	Low level sample wt (g)	Low level sample wt. (g)	Low level preservative*	time	MeOH Batch #	MeOH QC data	Comments
6-11-04	GH4RHMSD	5.9				14:50		100 ml encore fus spike #V1952 5ml encore surr #V1958	
	GH4RT	5.8							
	GH4RX	5.4							
	GH4RO	5.9							
	GH4R2	5.3							
	GH4R3	5.7							
	GH4R5	5.0							
	GH4HM	26.4				15:00		5ml encore surr #V1958	
	GH4JF	28.5							
	GH4JV	23.0							
	GH4JW	27.0							
	GH4JX	26.5							
	GH4JO	27.5							
	GH4J1	26.3							
	GH4J2	26.4							
	GH4J3	32.6							
6-13-04	BHL	5.0g						5ml encore surr #V1958	
	CCS							100ml encore fus spike #V1952	
	CCSD								
	GH75X SB213 4.0' SB01	3.6	4.2	3.7	H	8:27			eff.
	GH7LN	5.6	5.7	5.5		8:36			

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

VOA 5035 Soil Preservation Log — STL - North Canton

Preservation date	Sample Workorder#	High level sample wt. (g)	Low level sample wt. (g)	Low level sample wt. (g)	Low level preservative*	time	MeOH Batch #	MeOH QC data	Comments
6-13-04	G1172T	5.5	4.9	5.6	H	8:36		5ml Encore Std #V1953	
"	G1172V	4.8	5.1	5.0	"	"		"	
	G1173MQ	6.4	5.8	6.2		8:55			
	G1173MV	6.3	6.1	5.6					
	G1173M5	4.7	4.7	5.3					
	G1173M9	4.1	4.0	4.0					
	G1173NC	5.1	5.0	5.0					
	G1173NE	6.0	6.1	6.2					
	G1173NF	4.6	4.1	4.3					
6-13-04	3112	25.0g						5ml Encore Std #V1958	
	LCS							100ml Encore Std #V1952	
	LCSD							"	
	G1369G	24.6				9:16			
	G1369J	28.1							
	G1369K	29.4							
	G1369L	26.1							
	G1369M	27.3							
	G1369P	22.9							
6-15-04	3113	25.0g						5ml Encore Std #V1958	
	LCS							100ml Encore Std #V1952	
	LCSD							"	

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

1145

STL North Canton

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VOA 5035 Soil Preservation Log

STL - North Canton

Preservation date	Sample Workorder#	High level sample wt. (g)	Low level sample wt. (g)	Low level sample wt. (g)	Low level preservative*	time	MeOH Batch #	MeOH QC data	Comments
6-15-04	GJAV1	28.3				17:15		5ml encore soil #V1958	
	GJAV4	29.9							
	GJAV5	29.7							
	GJAV7	22.0							
	GJAV8	27.7							
6-16-04	BIIC	5.0g						5ml encore soil #V1958	
	CCS							100ml encore fus Spike #V1955	
	CCSD								
	GH996	4.6	3.6	4.7	H	8:45			
	GJAAV	3.6	4.2	3.2					
	GJAA4	2.0	3.3	2.3					
	GJAK2	5.6				8:48			
	GJALJ	5.6				8:49			
	GJALM	6.0				8:54			
	GJALW	5.6							
	GJAMA	5.5							
	GJAMD	5.2							
	GJAMH	4.9				8:57			
	GJAMK	4.6							
	GJAMN	4.8							
	GJA8Q	4.8	4.8	5.2		9:16			

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

VOA 5035 Soil Preservation Log

STL - North Canton

Preservation date	Sample Workorder#	High level sample wt. (g)	Low level sample wt. (g)	Low level sample wt. (g)	Low level preservative*	time	MeOH Batch #	MeOH QC data	Comments
~~6-15-04~~ 6-16-04	GJCAR	5.8	4.8	5.7	H	9:16		5ml on core surr # V1958	
6-16-04	GJCA5	5.6	6.1	6.2					
	GJCCD	6.3	6.4	6.0					
	GJCCK	6.5	6.1	5.2					
	GJCCN	6.8	6.5	6.3					
	GJCCP	5.0	5.7	4.7					
	GJCCX	6.2	6.4	5.2					
6-16-04	BIK	25.0g						5ml on core surr # V1958	
	LCS							10ml on core fuss, [illegible] # V1955	
	LCSD								
	GJA8W	31.0				15:29			
	GJA8W	28.0							
	GJA80	29.8							
	GJA81	3.2							
	GJDK3	26.0							
	GJDLF	30.0							
	GJDLG	28.0							
	GJDLJ	29.8							
	GJDLK	26.6							
	GJDLL	25.3							
	GJDLM	25.9							

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

Severn Trent Laboratories, Inc

System Date: 6/15/04 13:29:06
Local Date: 6/15/04 15:29:06

1

MSVOC Lot Summary - A4F150251

SDG: 4F12158

47

Date Received: 6/15/04
Date Analysis Due: 7/05/04 N
Date Report Due: 7/12/04
Turnaround Time: 20

LIENT: 5670 PAYNE FIRM INC.
ROJECT MANAGER: Roger K. Toth
ITE: EMD/NORWOOD, OHIO
OT COMMENTS:
C PACKAGE: Expanded Deliverables

AMP#	W/O NO.	PARAMETER	X-REF	Sampled	Expires	Est	Sample ID, Comments / Analysis Comments
01-	GJA8Q-1AC	XX A 4P QK 01 MS8260EN		6/14/04 10:15	6/28/04	N	VE527/02.1-02.7/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
02-	GJCAR-1AC	XX A 4P QK 01 MS8260EN		6/14/04 10:30	6/28/04	N	VE527/07.3-08.5/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
04-	GJCA5-1AC	XX A 4P QK 01 MS8260EN		6/14/04 11:00	6/28/04	N	VE527/12.5-13.5/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
06-	GJCCD-1AC	XX A 4P QK 01 MS8260EN		6/14/04 11:40	6/28/04	N	VE527/27-28/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
07-	GJCCK-1AC	XX A 4P QK 01 MS8260EN		6/14/04 11:45	6/28/04	N	VE527/37-38/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
08-	GJCCN-1AC	XX A 4P QK 01 MS8260EN		6/14/04 12:00	6/28/04	N	VE527/47-48/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
09-	GJCCP-1AC	XX A 4P QK 01 MS8260EN		6/14/04 12:40	6/28/04	N	VE527/53.5-54.5/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
11-	GJCCX-1AC	XX A 4P QK 01 MS8260EN		6/14/04 13:00	6/28/04	N	VE527/56.5-57.5/061404 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG# 4F12158 (CLOSED).
12-	GJCC6-1AA	XX I 25 QK 01 MS8260LL		6/14/04	6/28/04	N	TRIP BLANK/061404 Q: CLP MSVOA TCL Standard List EXP DEL, SDG# 4F12158 (CLOSED). AP9 Compounds

PH= 1

MSVOC Lot Summary - A4F120158

CLIENT: 5670 PAYNE FIRM INC. SDG: 4F12158 39
PROJECT MANAGER: Roger K. Toth
SITE: EMD/NORWOOD, OH
LOT COMMENTS:
QC PACKAGE: Expanded Deliverables

Date Received: 6/12/04
Date Analysis Due: 7/02/04 N
Date Report Due: 7/08/04
Turnaround Time: 20

SAMP#	W/O NO.	PARAMETER	X-REF	Sampled	Expires	Est	Sample ID, Comments / Analysis Comments
002	GH7MQ-1AC	XX A 4P QK 01	MS8260EN	6/11/04 11:45	6/25/04	N	VE528/34-35/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
003	GH7MV-1AC	XX A 4P QK 01	MS8260EN	6/11/04 12:10	6/25/04	N	VE528/44-45/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
005	GH7M5-1AC	XX A 4P QK 01	MS8260EN	6/11/04 12:45	6/25/04	N	VE528/54-55/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
007	GH7M9-1AC	XX A 4P QK 01	MS8260EN	6/11/04 12:55	6/25/04	N	VE528/56.7-57.4/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
008	GH7NC-1AC	XX A 4P QK 01	MS8260EN	6/11/04 14:20	6/25/04	N	VE528/58-58.5/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
009	GH7NE-1AC	XX A 4P QK 01	MS8260EN	6/11/04 14:30	6/25/04	N	VE528/64-65/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
010	GH7NF-1AC	XX A 4P QK 01	MS8260EN	6/11/04 14:35	6/25/04	N	VE528/66.5-67.5/061104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL, SDG#4F12158.
011	GH7NG-1AA	XX I 25 QK 01	MS8260LL	6/11/04	6/25/04	N	TB-01/061104 Q: CLP MSVOA TCL Standard List EXP DEL, SDG#4F12158. AP9 Compounds

3

2

PH= 1

LOT NUMBER	SAMPLE	LAB ID	ANALYSIS TYPE	ANALYSIS DATE	ANALYST
A4F120158	2	GH7MQ1AC	MS8260EN	6/22/04	Susan Kardohely
A4F120158	3	GH7MV1AC	MS8260EN	6/19/04	Steve Macenczak
A4F120158	5	GH7M51AC	MS8260EN	6/23/04	Susan Kardohely
A4F120158	7	GH7M91AC	MS8260EN	6/23/04	Susan Kardohely
A4F120158	8	GH7NC1AC	MS8260EN	6/22/04	Steve Macenczak
A4F120158	9	GH7NE1AC	MS8260EN	6/19/04	Steve Macenczak
A4F120158	10	GH7NF1AC	MS8260EN	6/19/04	Steve Macenczak
A4F120158	11	GH7NG1AA	MS8260LL	6/22/04	Laura Evans

* * * E N D O F R E P O R T * * *

07/12/04 12:21:19 Sample Control Chain of Custody - STL North Canton PAGE 1

LOT NUMBER	SAMPLE	LAB ID	ANALYSIS TYPE	ANALYSIS DATE	ANALYST
A4F150251	1	GJA8Q1AC	MS8260MS	6/28/04	Steve Macenczak
A4F150251	3	GJCAR1AC	MS8260EN	6/24/04	Steve Macenczak
A4F150251	4	GJCAS1AC	MS8260EN	6/24/04	Steve Macenczak
A4F150251	6	GJCCD1AC	MS8260EN	6/26/04	Steve Macenczak
A4F150251	7	GJCCK1AC	MS8260EN	6/25/04	Susan Kardohely
A4F150251	8	GJCCN1AC	MS8260EN	6/25/04	Susan Kardohely
A4F150251	9	GJCCP1AC	MS8260EN	6/25/04	Susan Kardohely
A4F150251	11	GJCCX1AC	MS8260EN	6/25/04	Susan Kardohely
A4F150251	12	GJCC61AA	MS8260LL	6/22/04	Carolynne Roach

* * * E N D O F R E P O R T * * *

SEVERN TRENT STL

GENERAL CHEMISTRY DATA

SEVERN TRENT STL

QC SUMMARY

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 4F12158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: GJCEN1AA		MB Lot-Sample #:	A4F150000-408	
	ND	10.0	%	MCAWW 160.3 MOD	06/15-06/16/04	4167408
		Dilution Factor: 1				
Percent Solids		Work Order #: GJE0E1AA		MB Lot-Sample #:	A4F160000-370	
	ND	10.0	%	MCAWW 160.3 MOD	06/16-06/17/04	4168370
		Dilution Factor: 1				
Total Organic Carbon		Work Order #: GLMQ91AA		MB Lot-Sample #:	A4G220000-478	
	5 B	**10**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 4F12158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon		Work Order #: GLMQ91AC	LCS Lot-Sample#: A4G220000-478		
	109	(51 - 128)	SW846 9060	07/21-07/22/04	4204478
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 4F12158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Organic Carbon	Work Order #: GLMQ91AC LCS Lot-Sample#: A4G220000-478						
	690	750	mg/kg	109	SW846 9060	07/21-07/22/04	4204478
	Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 4F12158 **Matrix.....:** SOLID
Date Sampled...: 06/15/04 10:40 **Date Received..:** 06/16/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 22	
Total Organic Carbon		WO#: GJEH31AE-MS/GJEH31AF-MSD				MS Lot-Sample #: A4F160218-003	
	106	(65 - 128)			SW846 9060	07/21-07/22/04	4204478
	106	(65 - 128)	0.05	(0-20)	SW846 9060	07/21-07/22/04	4204478
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 4F12158 **Matrix.....:** SOLID
Date Sampled...: 06/15/04 10:40 **Date Received..:** 06/16/04

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 22		
Total Organic Carbon			WO#: GJEH31AE-MS/GJEH31AF-MSD				MS Lot-Sample #: A4F160218-003		
	17	320	360	mg/kg	106		SW846 9060	07/21-07/22/04	4204478
	17	320	360	mg/kg	106	0.05	SW846 9060	07/21-07/22/04	4204478
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F120158 **Work Order #...:** GH2FD-SMP GH2FD-DUP **Matrix.....:** SOLID

Date Sampled...: 06/09/04 09:40 **Date Received..:** 06/10/04

% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F100263-001		
	80.1	79.1	%	1.4	(0-20)	MCAWW 160.3 MOD	06/15-06/16/04	4167408

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F120158 **Work Order #...:** GH7NF-SMP GH7NF-DUP **Matrix.....:** SO

Date Sampled...: 06/11/04 14:35 **Date Received..:** 06/12/04

% Moisture.....: 2.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F120158-010		
	97.3	97.3	%	0.043	(0-20)	MCAWW 160.3 MOD	06/15-06/16/04	4167408

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F120158 **Work Order #...:** GH87Q-SMP GH87Q-DUP **Matrix.....:** SOLID
Date Sampled...: 06/14/04 10:15 **Date Received..:** 06/14/04
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F140173-022		
	85.9	86.3	%	0.50	(0-20)	MCAWW 160.3 MOD	06/16-06/17/04	4168370

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F120158 **Work Order #...:** GJAA4-SMP **Matrix.....:** SOLID
GJAA4-DUP
Date Sampled...: 06/14/04 10:09 **Date Received..:** 06/15/04
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F150152-003		
	79.7	78.2	%	1.9	(0-20)	MCAWW 160.3 MOD	06/16-06/17/04	4168370

Dilution Factor: 1

SEVERN TRENT STL

SAMPLE DATA

PAYNE FIRM INC.

Client Sample ID: VE528/23.5-24.5/061104

General Chemistry

Lot-Sample #...: A4F120158-001 **Work Order #...:** GH7MN **Matrix.....:** SO
Date Sampled...: 06/11/04 11:25 **Date Received..:** 06/12/04
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**
		Dilution Factor: 1				
Total Organic Carbon	**13 J**	**12**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE528/34-35/061104

General Chemistry

Lot-Sample #...: A4F120158-002 **Work Order #...:** GH7MQ **Matrix.....:** SO
Date Sampled...: 06/11/04 11:45 **Date Received..:** 06/12/04
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/44-45/061104

General Chemistry

Lot-Sample #...: A4F120158-003 **Work Order #...:** GH7MV **Matrix.....:** SO
Date Sampled...: 06/11/04 12:10 **Date Received..:** 06/12/04
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/46-47/061104

General Chemistry

Lot-Sample #...: A4F120158-004 **Work Order #...:** GH7M0 **Matrix.....:** SO
Date Sampled...: 06/11/04 12:10 **Date Received..:** 06/12/04
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**
		Dilution Factor: 1				
Total Organic Carbon	**11 B,J**	**12**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE528/54-55/061104

General Chemistry

Lot-Sample #...: A4F120158-005 **Work Order #...:** GH7M5 **Matrix.....:** SO
Date Sampled...: 06/11/04 12:45 **Date Received..:** 06/12/04
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/55.5-56.5/061104

General Chemistry

Lot-Sample #...: A4F120158-006 **Work Order #...:** GH7M8 **Matrix.....:** SO
Date Sampled...: 06/11/04 12:45 **Date Received..:** 06/12/04
% Moisture.....: 7.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**
		Dilution Factor: 1				
Total Organic Carbon	**20 J**	**11**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE528/56.7-57.4/061104

General Chemistry

Lot-Sample #...: A4F120158-007 **Work Order #...:** GH7M9 **Matrix.....:** SO
Date Sampled...: 06/11/04 12:55 **Date Received..:** 06/12/04
% Moisture.....: 1.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**98.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/58-58.5/061104

General Chemistry

Lot-Sample #...: A4F120158-008 **Work Order #...:** GH7NC **Matrix.....:** SO
Date Sampled...: 06/11/04 14:20 **Date Received..:** 06/12/04
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/64-65/061104

General Chemistry

Lot-Sample #...: A4F120158-009 **Work Order #...:** GH7NE **Matrix.....:** SO
Date Sampled...: 06/11/04 14:30 **Date Received..:** 06/12/04
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE528/66.5-67.5/061104

General Chemistry

Lot-Sample #...: A4F120158-010 **Work Order #...:** GH7NF **Matrix.....:** SO
Date Sampled...: 06/11/04 14:35 **Date Received..:** 06/12/04
% Moisture.....: 2.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**97.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/15-06/16/04**	**4167408**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/02.1-02.7/061404

General Chemistry

Lot-Sample #...: A4F150251-001 **Work Order #...:** GJA8Q **Matrix.....:** SO
Date Sampled...: 06/14/04 10:15 **Date Received..:** 06/15/04
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**78.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/06-07.3/061404

General Chemistry

Lot-Sample #...: A4F150251-002 **Work Order #...:** GJCAE **Matrix.....:** SO
Date Sampled...: 06/14/04 10:20 **Date Received..:** 06/15/04
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**
		Dilution Factor: 1				
Total Organic Carbon	**20 J**	**12**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE527/07.3-08.5/061404

General Chemistry

Lot-Sample #...: A4F150251-003 **Work Order #...:** GJCAR **Matrix.....:** SO
Date Sampled...: 06/14/04 10:30 **Date Received..:** 06/15/04
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/12.5-13.5/061404

General Chemistry

Lot-Sample #...: A4F150251-004 **Work Order #...:** GJCA5 **Matrix.....:** SO
Date Sampled...: 06/14/04 11:00 **Date Received..:** 06/15/04
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/26-27/061404

General Chemistry

Lot-Sample #...: A4F150251-005 **Work Order #...:** GJCA8 **Matrix.....:** SO
Date Sampled...: 06/14/04 11:30 **Date Received..:** 06/15/04
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**
		Dilution Factor: 1				
Total Organic Carbon	**21 J**	**12**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE527/27-28/061404

General Chemistry

Lot-Sample #...: A4F150251-006 **Work Order #...:** GJCCD **Matrix.....:** SO
Date Sampled...: 06/14/04 11:40 **Date Received..:** 06/15/04
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/37-38/061404

General Chemistry

Lot-Sample #...: A4F150251-007 **Work Order #...:** GJCCK **Matrix.....:** SO
Date Sampled...: 06/14/04 11:45 **Date Received..:** 06/15/04
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/47-48/061404

General Chemistry

Lot-Sample #...: A4F150251-008 **Work Order #...:** GJCCN **Matrix.....:** SO
Date Sampled...: 06/14/04 12:00 **Date Received..:** 06/15/04
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/53.5-54.5/061404

General Chemistry

Lot-Sample #...: A4F150251-009 **Work Order #...:** GJCCP **Matrix.....:** SO
Date Sampled...: 06/14/04 12:40 **Date Received..:** 06/15/04
% Moisture.....: 9.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

PAYNE FIRM INC.

Client Sample ID: VE527/43.5-44.5/061404

General Chemistry

Lot-Sample #...: A4F150251-010 **Work Order #...:** GJCCV **Matrix.....:** SO
Date Sampled...: 06/14/04 12:45 **Date Received..:** 06/15/04
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**88.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**
		Dilution Factor: 1				
Total Organic Carbon	**13 J**	**11**	**mg/kg**	**SW846 9060**	**07/22/04**	**4204478**
		Dilution Factor: 1				

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

PAYNE FIRM INC.

Client Sample ID: VE527/56.5-57.5/061404

General Chemistry

Lot-Sample #...: A4F150251-011 **Work Order #...:** GJCCX **Matrix.....:** SO
Date Sampled...: 06/14/04 13:00 **Date Received..:** 06/15/04
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/16-06/17/04**	**4168370**

Dilution Factor: 1

SUPPORTIVE RAW DATA

Parameter(s): TS

Batch(es): 4167408

Method #/SOP#: 160.3

Review Items	Level I Review			Level II Review		
A. Initial Calibration	YES	NO	N/A	YES	NO	N/A
1. Initial calibration correlation coefficient ≥ 0.995?			✓			✓
2. Calibration curve consist of the minimum number of calibration standards?			✓			✓
3. ICV analyzed at immediately after calibration and within control limits ? (TRAACS Nitrate/Nitrite, Cyanide 85-115%; all others 90-110%)			✓			✓
4. ICB analyzed immediately after ICV and within criteria (± RL)?			✓			✓
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?			✓			✓
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?			✓			✓
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?			✓			✓
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*			✓			✓
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?			✓			✓
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?	✓			✓		
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires						
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?	✓			✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?	✓		✓			✓
8. SOP followed?			✓	✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?			✓			✓
10. All reagent and standard numbers recorded in logbook?			✓			✓
11. Edits dated and initialed			✓			✓

Comment on any "NO" response(s): _____

Level I reviewer: Rebecca Nolan Date: 6-16-04

Level II Reviewer: Angela Sisca Date: 6/16/04

Level I review:

			STL North Canton			
		Percent Total Solid/Percent Moisture Logsheet				
Analysis	TS			Batch	4/67408	
Prep Date	6/15/04	Time In	2:58PM	Analyst	AM	
					AM	
Anal date	6/16/04	Time Out	7:45AM	RL	10	
Sample	Tare	Wet	Dry	Result TS	Result MS	comments
Id	wt	wt	wt	%	%	
BLANK D	4.386	4.3101	4.2885	2.53	ND	
GH2FD	4.386	10.0631	8.9357	80.141	19.859	
GH2FD-X	4.386	9.4686	8.4046	79.066	20.934	
GH2FH	4.386	15.264	13.4036	82.898	17.102	
GH2FK	4.386	13.6755	11.7952	79.759	20.241	
GH2FL	4.386	17.3015	14.5531	78.720	21.280	
GH2FN	4.386	17.2616	15.0757	83.023	16.977	
GH2FP	4.386	23.2135	18.938	77.291	22.709	
GH2FR	4.386	19.5277	16.2846	78.582	21.418	
GH2FV	4.386	19.2228	18.0563	92.138	7.862	
GH2FX	4.386	23.2081	19.7972	81.878	18.122	
GH7MN	4.386	16.288	14.4543	84.593	15.407	
GH7MQ	4.386	20.0755	17.902	86.147	13.853	
GH7MV	4.386	19.8154	17.6379	85.887	14.113	
GH7MO	4.386	18.2398	16.3097	86.068	13.932	
GH7M5	4.386	18.5482	17.3749	91.715	8.285	
GH7M8	4.386	18.1589	17.0967	92.288	7.712	
GH7M9	4.386	18.5851	18.3843	98.586	1.414	
GH7NC	4.386	17.2125	14.8843	81.849	18.151	
GH7NE	4.386	16.2524	14.2048	82.745	17.255	
GH7NF	4.386	10.9596	10.7789	97.251	2.749	
GH7NF-X	4.386	9.68	9.5367	97.293	2.707	
	4.386			100.000	0.000	

Parameter(s): TS

Batch(es): 4169370

Method #/SOP#: 160.3

Review Items	Level I Review			Level II Review		
	YES	NO	N/A	YES	NO	N/A
A. Initial Calibration						
1. Initial calibration correlation coefficient ≥ 0.995?			✓			✓
2. Calibration curve consist of the minimum number of calibration standards?			✓			✓
3. ICV analyzed at immediately after calibration and within control limits ? (TRAACS Nitrate/Nitrite, Cyanide 85-115%; all others 90-110%)			✓			✓
4. ICB analyzed immediately after ICV and within criteria (± RL)?			✓			✓
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?			✓			✓
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?			✓			✓
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?			✓			✓
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*			✓			✓
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?			✓			✓
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?	✓			✓		
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires						
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?			✓			✓
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?			✓			✓
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?			✓			✓
10. All reagent and standard numbers recorded in logbook?	✓				✓	✓
11. Edits dated and initialed			✓			✓

Comment on any "NO" response(s):

Level I reviewer: QC **Date:** 6/17/04

Level II Reviewer: Angela Dixon **Date:** 6/17/04

Level I review:

		STL North Canton				
		Percent Total Solid/Percent Moisture Logsheet				
Analysis	TS			Batch	4168370	
Prep Date	6/16/2004	Time In	9:12AM	Analyst	AM	
					AM	
Anal date	6/17/2004	Time Out	8:00AM	RL	10	
Sample	Tare	Wet	Dry	Result TS	Result MS	comments
Id	wt	wt	wt	%	%	
BLANK C	4.386	4.3408	4.3215	1.51	ND	
GH87Q	4.386	7.1032	6.7194	85.875	14.125	
GH87Q-X	4.386	6.6343	6.3264	86.305	13.695	
GH87R	4.386	8.6671	7.9816	83.988	16.012	
GH87T	4.386	11.066	9.646	78.743	21.257	
GH87X	4.386	10.038	8.9291	80.380	19.620	
GH871	4.386	10.1617	9.2647	84.469	15.531	
GJA8Q	4.386	18.7508	15.6072	78.116	21.884	
GJCAE	4.386	15.018	13.015	81.161	18.839	
GJCAR	4.386	15.1883	13.3048	82.564	17.436	
GJCA5→ GHCA5	4.386	18.156	15.313	79.354	20.646	
GJCA8	4.386	17.2436	15.1473	83.696	16.304	
GJCCD	4.386	17.7293	15.4948	83.254	16.746	
GJCCK	4.386	18.7317	16.6606	85.563	14.437	
GJCCN	4.386	14.3541	13.2646	89.070	10.930	
GJCCP	4.386	12.4718	11.7389	90.936	9.064	
GJCCV	4.386	16.1258	14.7536	88.312	11.688	
GJCCX	4.386	15.5083	13.7682	84.355	15.645	
GH996	4.386	18.5254	17.463	92.486	7.514	
GJAAV	4.386	16.7494	15.2741	88.067	11.933	
GJAA4	4.386	8.378	7.5672	79.689	20.311	
GJAA4-X	4.386	7.9757	7.1931	78.199	21.801	
GJATA	4.386	17.5759	15.652	85.414	14.586	
	4.386			100.000	0.000	
	4.386			100.000	0.000	
	4.386			100.000	0.000	
	4.386			100.000	0.000	
	4.386			100.000	0.000	

JC 6/17/04

STL North Canton General Chemistry Data Review Checklist

Parameter(s): TOC 1 hr. Leach

Batch(es): 4204478

Method #/SOP#: 9060

Review Items	Level I Review			Level II Review		
A. Initial Calibration	**YES**	**NO**	**N/A**	**YES**	**NO**	**N/A**
1. Initial calibration correlation coefficient ≥ 0.995?	✓			✓		
2. Calibration curve consist of the minimum number of calibration standards?	✓			✓		
3. ICV analyzed at immediately after calibration and within control limits ? (TRAACS Nitrate/Nitrite, Cyanide 85-115%; all others 90-110%)	✓			✓		
4. ICB analyzed immediately after ICV and within criteria (± RL)?	✓			✓		
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?	✓			✓		
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?	✓			✓		
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?			✓			✓
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*	✓			✓		
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?	✓			✓		
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?			✓			✓
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires						
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?	✓			✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?			✓			✓
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?	✓			✓		
10. All reagent and standard numbers recorded in logbook?	✓			✓		
11. Edits dated and initialed			✓	✓		

Comment on any "NO" response(s):

Level I reviewer: Melissa A. Fallis-Stetzer **Date:** 7/27/04

Level II Reviewer: Angela Sims **Date:** 7/28/04

Level I review:

4204478

****
** OI Analytical Model 1010 TOC **
** RUN SETUP **
****

Operator: Unknown
Data Path: C:\PROGRA~1\OIANAL~1\TOCREP~1\DATA10\072104
WinTOC Version: 5.2 Firmware Version: 5.2
WinTOC Revision: rev 241 Firmware Revision: rev 364

Report To File: Enabled Naming Mode: Automatic
Prefix: 0721 Index: 0

WR4710

****
** CONFIGURATION ** WR40711
****

TC4042

Analysis Mode: TIC/TOC Spl Intro: Autosampler 53
Remote Start : OFF

Loop Size: 1 mL Actual Volume 1mL 5mL 10mL 25mL

Loop A (uL):	1000	5000	10000	25000
Loop B (uL):	1000	5000	10000	25000

Tray Type: 53 Vial Vial Option: Septum Piercing
Needle Depth: 94 % Preacid Volume (uL): 200
Wash Needle Depth: 94 % Preacid Purge Time (min:sec): 0:30

	TIC	TOC	TC
Blank	----	----	----
Average:	47	354	260

Linearization Coeff: 61000

Sample Transfer Times (sec)

	Initial Fill			Loop Fill			Sample Inject
	Non-AS	AS	AS w/Sep	Non-AS	AS	AS w/Sep	(all)
1mL:	6.0	4.5	3.5	1.2	1.2	1.0	4.5
5mL:	8.1	7.2	6.8	5.1	5.1	4.2	9.3
10mL:	14.2	12.2	11.0	10.5	10.5	11.0	16.5
25mL:	35.0	35.0	32.0	n/a	n/a	n/a	38.0

Analog Concentration Signal indicates TOC
Analog Conc. Signal Timer is OFF, Timer duration (h:m:s): 00:00:00
Min Signal Range: 0.000 ppmC, Max Signal Range: 0.000 ppmC

Alarms DISABLED
Alarm Relay Timer is OFF, Timer duration (h:m:s): 00:00:00
Conc. Alarm Setpoints (ppm C)
Low | High

TIC:	0.000 0.000
TOC:	0.000 0.000
TC:	0.000 0.000

****
** CALIBRATION **
****

7/08/04 Thu Jul 08 12:30:40 2004

Std. #	Used	Conc. (ppm)	Volume (mL)	
1	Yes	1.000	2.000	RF (ugC/k-cts): 1.312
2	Yes	5.000	2.000	R-Squared: 1.0000
3	Yes	25.000	2.000	Offset (cts): 1300
4	Yes	50.000	2.000	Offset (ugC): -1.707
5	No	0.000	2.000	Calibration Mode: TOC
				Allow Editing: No

Rep	Std. 1	Std. 2	Std. 3	Std. 4	Std. 5
1	2654	9066	39469	77446	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	- (* = unused)
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-

****
** METHODS **
****

TOC Thu Jul 08 11:05:19 2004
Acid Volume: 200 uL Rinse Volume (mL): 25
Oxidant Volume: 1000 uL Rinses Per Rep: 1
Auto-Repeat Time: 00:00:00 (hr:min:sec) Rinses Per Sample: 1

	TIC	TOC	TC
React: (min:sec):	01:00	01:00	02:30
Detect: (min:sec):	01:00	01:10	01:30

****
** SEQUENCE **
****

072104 Wed Jul 21 23:00:33 2004

Start Pos/Vial #: 1, Stop Pos/Vial #: 23

Pos/ Vial	Sample Name	Method	Run Type	# Rep	Vol (mL)	# Blk	Dil Fact	Ovr Rng	Remarks
1	zzz	toc	Sample	4	2.000	0	1.00	No	
2	ICV	toc	Chk. 2	1	2.000	0	1.00	No	
3	ICB	toc	Sample	1	2.000	0	1.00	No	
4	LCS (P076-516)	toc	Sample	1	2.000	0	2.00	No	
5	GH1F8	toc	Sample	4	2.000	0	1.00	No	
6	GH7LR	toc	Sample	4	2.000	0	1.00	No	
7	GH7MN	toc	Sample	4	2.000	0	1.00	No	
8	GH7M0	toc	Sample	4	2.000	0	1.00	No	
9	GH7M8	toc	Sample	4	2.000	0	1.00	No	
10	GJCAE	toc	Sample	4	2.000	0	1.00	No	
11	GJCA8	toc	Sample	4	2.000	0	1.00	No	
12	GJCCV	toc	Sample	4	2.000	0	1.00	No	
13	CCV	toc	Sample	1	2.000	0	1.00	No	
14	CCB	toc	Sample	1	2.000	0	1.00	No	
15	GJEH3 MD	toc	Sample	4	2.000	0	1.00	No	
16	GJEH3 MS	toc	Sample	1	2.000	0	1.00	No	
17	GJEH3 MSD	toc	Sample	1	2.000	0	1.00	No	
18	GJEJA	toc	Sample	4	2.000	0	1.00	No	
19	GJEJL	toc	Sample	4	2.000	0	1.00	No	
20	GJEJN	toc	Sample	4	2.000	0	1.00	No	
21	LEACH BLK	toc	Sample	4	2.000	0	1.00	No	
22	CCV	toc	Sample	1	2.000	0	1.00	No	
23	CCB	toc	Sample	1	2.000	0	1.00	No	

****
** RESULTS - 072104 **
****

Pos/Vial: 1 Name: zzz Analyzed: 21Jul2004 23:17
Run ID: 24 Meth: toc Vol (mL): 2.000
Remarks: <none>

Rep	Datafile	Date	Time	TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
1	0721000	21Jul2004	23:17	471	0.556	0.278	258	0.000	0.000	-	-	-
2	0721000	21Jul2004	23:24	111	0.084	0.042	590	0.310	0.155	-	-	-
3	0721000	21Jul2004	23:31	93	0.060	0.030	545	0.251	0.125	-	-	-
4	0721000	21Jul2004	23:38	133	0.113	0.056	499	0.190	0.095	-	-	-
Avg				202	0.203	0.102	473	0.156	0.078			
Std.Dev.				180.078			148.070					
RSD (%)				89.15			31.30					

Pos/Vial: 2 Name: ICV Analyzed: 21Jul2004 23:46
Run ID: 1 Meth: toc Vol (mL): 2.000
Remarks: <none>

CHK. 2			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721001	21Jul2004 23:46	-	-	-	41791	53.142	26.571	-	-	-

Pos/Vial: 3 Name: ICB Analyzed: 21Jul2004 23:53
Run ID: 2 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721002	21Jul2004 23:53	115	0.089	0.045	799	0.584	0.292	-	-	-

Pos/Vial: 4 Name: LCS (P076-516) Analyzed: 22Jul2004 00:01
Run ID: 3 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721003	22Jul2004 00:01	457	1.076	0.538	57583	150.220	75.110	-	-	-

751.10

Pos/Vial: 5 Name: GH1F8 Analyzed: 22Jul2004 00:09
Run ID: 4 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721004	22Jul2004 00:09	10265	13.411	6.705	3580	4.234	2.117	-	-	-
2	0721004	22Jul2004 00:16	9761	12.749	6.375	3313	3.884	1.942	-	-	-
3	0721004	22Jul2004 00:23	10453	13.657	6.829	3484	4.108	2.054	-	-	-
4	0721004	22Jul2004 00:30	10485	13.699	6.850	3482	4.105	2.053	-	-	-
Avg			10241	13.379	6.689	3464	4.083	2.041			
Std.Dev.			334.393		111.024						
RSD (%)			3.27		3.20						

20.41

Pos/Vial: 6 Name: GH7LR Analyzed: 22Jul2004 00:38
Run ID: 5 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721005	22Jul2004 00:38	12888	16.853	8.427	1733	1.810	0.905	-	-	-
2	0721005	22Jul2004 00:45	12263	16.033	8.016	1564	1.588	0.794	-	-	-
3	0721005	22Jul2004 00:52	12832	16.780	8.390	1604	1.641	0.820	-	-	-
4	0721005	22Jul2004 00:59	12969	16.959	8.480	1590	1.622	0.811	-	-	-
Avg			12738	16.656	8.328	1622	1.665	0.833			
Std.Dev.			321.622		75.345						
RSD (%)			2.52		4.64						

8.33

Pos/Vial: 7 Name: GH7MN Analyzed: 22Jul2004 01:07
Run ID: 6 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721006	22Jul2004 01:07	11711	15.308	7.654	2141	2.345	1.173	-	-	-
2	0721006	22Jul2004 01:14	11341	14.823	7.411	2011	2.175	1.087	-	-	-
3	0721006	22Jul2004 01:21	11876	15.525	7.762	2109	2.303	1.152	-	-	-
4	0721006	22Jul2004 01:28	11698	15.291	7.646	2103	2.295	1.148	-	-	-
Avg			11656	15.237	7.618	2091	2.280	1.140			
Std.Dev.			225.398		55.881						
RSD (%)			1.93		2.67						

11.40

Pos/Vial: 8 Name: GH7M0 Analyzed: 22Jul2004 01:36
Run ID: 7 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721007	22Jul2004 01:36	9980	13.037	6.518	1849	1.962	0.981	-	-	-
2	0721007	22Jul2004 01:43	9652	12.606	6.303	1833	1.941	0.971	-	-	-
3	0721007	22Jul2004 01:50	10018	13.086	6.543	1860	1.977	0.988	-	-	-
4	0721007	22Jul2004 01:57	10021	13.090	6.545	1846	1.958	0.979	-	-	-

Avg	9917	12.955	6.477	1847	1.959	0.980	9.80 GH7M0
Std.Dev.	178.147		11.106				
RSD (%)	1.80		0.60				

Pos/Vial: 9 Name: GH7M8 Analyzed: 22Jul2004 02:05
Run ID: 8 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
Rep	Datafile	Date Time									
1	0721008	22Jul2004 02:05	10701	13.983	6.991	3144	3.662	1.831	-	-	-
2	0721008	22Jul2004 02:12	10249	13.390	6.695	3125	3.637	1.818	-	-	-
3	0721008	22Jul2004 02:19	10755	14.054	7.027	3222	3.764	1.882	-	-	-
4	0721008	22Jul2004 02:26	10775	14.080	7.040	3173	3.700	1.850	-	-	-

Avg	10620	13.877	6.938	3166	3.691	1.845	18.45
Std.Dev.	249.300		42.230				
RSD (%)	2.35		1.33				

Pos/Vial: 10 Name: GJCAE Analyzed: 22Jul2004 02:33
Run ID: 9 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
Rep	Datafile	Date Time									
1	0721009	22Jul2004 02:33	14736	19.279	9.639	2888	3.326	1.663	-	-	-
2	0721009	22Jul2004 02:40	14025	18.345	9.173	2765	3.164	1.582	-	-	-
3	0721009	22Jul2004 02:48	14765	19.317	9.658	2852	3.278	1.639	-	-	-
4	0721009	22Jul2004 02:55	14914	19.512	9.756	2910	3.355	1.677	-	-	-

Avg	14610	19.113	9.557	2853	3.281	1.640	16.40
Std.Dev.	397.719		63.814				
RSD (%)	2.72		2.24				

Pos/Vial: 11 Name: GJCA8 Analyzed: 22Jul2004 03:02
Run ID: 10 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
Rep	Datafile	Date Time									
1	0721010	22Jul2004 03:02	12992	16.990	8.495	3062	3.554	1.777	-	-	-
2	0721010	22Jul2004 03:09	12569	16.434	8.217	2962	3.423	1.711	-	-	-

3 0721010	22Jul2004 03:16	13111	17.146	8.573	3172	3.698	1.849	-	-	-
4 0721010	22Jul2004 03:24	13076	17.100	8.550	3030	3.512	1.756	-	-	-

Avg	12937	16.917	8.459	3056	3.547	1.773	17.73
Std.Dev.	250.364		87.565				
RSD (%)	1.94		2.86				GJCA8

Pos/Vial: 12 Name: GJCCV Analyzed: 22Jul2004 03:31
Run ID: 11 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES		TIC	TIC	TIC	TOC	TOC	TOC	TC	TC	TC
		Area	Mass	Conc	Area	Mass	Conc	Area	Mass	Conc
Rep	Datafile Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721011 22Jul2004 03:31	10558	13.795	6.898	2223	2.453	1.227	-	-	-
2	0721011 22Jul2004 03:38	9829	12.838	6.419	2068	2.250	1.125	-	-	-
3	0721011 22Jul2004 03:45	10321	13.484	6.742	2188	2.407	1.204	-	-	-
4	0721011 22Jul2004 03:52	10545	13.778	6.889	2178	2.394	1.197	-	-	-

Avg	10313	13.474	6.737	2164	2.376	1.188	11.88
Std.Dev.	340.670		67.004				
RSD (%)	3.30		3.10				

Pos/Vial: 13 Name: CCV Analyzed: 22Jul2004 04:00
Run ID: 12 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES		TIC	TIC	TIC	TOC	TOC	TOC	TC	TC	TC
		Area	Mass	Conc	Area	Mass	Conc	Area	Mass	Conc
Rep	Datafile Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721012 22Jul2004 04:00	261	0.281	0.140	40990	53.333	26.666	-	-	-

✓

Pos/Vial: 14 Name: CCB Analyzed: 22Jul2004 04:08
Run ID: 13 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES		TIC	TIC	TIC	TOC	TOC	TOC	TC	TC	TC
		Area	Mass	Conc	Area	Mass	Conc	Area	Mass	Conc
Rep	Datafile Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721013 22Jul2004 04:08	98	0.067	0.034	347	0.000	0.000	-	-	-

✓

Pos/Vial: 15 Name: GJEH3 Analyzed: 22Jul2004 04:16
Run ID: 14 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721014	22Jul2004 04:16	17795	23.293	11.647	2387	2.668	1.334	-	-	-
2	0721014	22Jul2004 04:23	16851	22.054	11.027	2288	2.538	1.269	-	-	-
3	0721014	22Jul2004 04:30	17879	23.404	11.702	2446	2.746	1.373	-	-	-
4	0721014	22Jul2004 04:37	17885	23.411	11.706	2493	2.807	1.404	-	-	-
Avg			17602	23.041	11.520	2403	2.690	1.345			
Std.Dev.			502.682		88.372						
RSD (%)			2.86		3.68						

GJEH3 13.45

Pos/Vial: 16 Name: GJEH3 MS Analyzed: 22Jul2004 04:44
Run ID: 15 Meth: toc Vol (mL): 2.000
Remarks: <none>

106%

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721015	22Jul2004 04:44	3839	4.977	2.488	21555	27.825	13.913	.20 =	-	-

278.26

Pos/Vial: 17 Name: GJEH3 MSD Analyzed: 22Jul2004 04:52
Run ID: 16 Meth: toc Vol (mL): 2.000
Remarks: <none>

106%

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721016	22Jul2004 04:52	3870	5.017	2.509	21566	27.840	13.920	.20 =	-	-

278.4

Pos/Vial: 18 Name: GJEJA Analyzed: 22Jul2004 05:00
Run ID: 17 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721017	22Jul2004 05:00	17381	22.750	11.375	2126	2.326	1.163	-	-	-
2	0721017	22Jul2004 05:07	16402	21.465	10.733	1978	2.131	1.066	-	-	-
3	0721017	22Jul2004 05:14	17497	22.902	11.451	2126	2.326	1.163	-	-	-
4	0721017	22Jul2004 05:21	17550	22.972	11.486	2155	2.364	1.182	-	-	-
Avg			17207	22.522	11.261	2096	2.287	1.143			

11.43

Std.Dev.	541.618	80.010
RSD (%)	3.15	3.82

Pos/Vial: 19 Name: GJEJL Analyzed: 22Jul2004 05:29
Run ID: 18 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721018	22Jul2004 05:29	10629	13.888	6.944	3320	3.893	1.946	-	-	-
2	0721018	22Jul2004 05:36	10015	13.082	6.541	3221	3.763	1.881	-	-	-
3	0721018	22Jul2004 05:43	10721	14.009	7.004	3408	4.008	2.004	-	-	-
4	0721018	22Jul2004 05:50	10737	14.030	7.015	3411	4.012	2.006	-	-	-
Avg			10525	13.752	6.876	3340	3.919	1.959			
Std.Dev.			343.645		89.863						
RSD (%)			3.26		2.69						

19.59

Pos/Vial: 20 Name: GJEJN Analyzed: 22Jul2004 05:58
Run ID: 19 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721019	22Jul2004 05:58	13556	17.730	8.865	1891	2.017	1.009	-	-	-
2	0721019	22Jul2004 06:05	12720	16.633	8.316	1827	1.933	0.967	-	-	-
3	0721019	22Jul2004 06:12	13668	17.877	8.938	1907	2.038	1.019	-	-	-
4	0721019	22Jul2004 06:19	13586	17.769	8.885	1858	1.974	0.987	-	-	-
Avg			13382	17.502	8.751	1870	1.991	0.995			
Std.Dev.			444.196		35.594						
RSD (%)			3.32		1.90						

9.95

Pos/Vial: 21 Name: LEACH BLK Analyzed: 22Jul2004 06:27
Run ID: 20 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area	TIC Mass	TIC Conc	TOC Area	TOC Mass	TOC Conc	TC Area	TC Mass	TC Conc
Rep	Datafile	Date Time	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)	(cts)	(ugC)	(ppm)
1	0721020	22Jul2004 06:27	510	0.608	0.304	1160	1.058	0.529	-	-	-
2	0721020	22Jul2004 06:34	481	0.570	0.285	1114	0.997	0.499	-	-	-
3	0721020	22Jul2004 06:41	502	0.597	0.299	1152	1.047	0.524	-	-	-

4 0721020 22Jul2004 06:48 494 0.587 0.293 1162 1.060 0.530 - - -

Avg 496 0.590 0.295 1147 1.041 0.520
Std.Dev. 12.366 22.420
RSD (%) 2.49 1.95

5.20 L. Blk

Pos/Vial: 22 Name: CCV Analyzed: 22Jul2004 06:56
Run ID: 21 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
Rep	Datafile	Date Time									
1	0721021	22Jul2004 06:56	423	0.493	0.247	40785	53.064	26.532	-	-	-

Pos/Vial: 23 Name: CCB Analyzed: 22Jul2004 07:03
Run ID: 22 Meth: toc Vol (mL): 2.000
Remarks: <none>

SAMPLES			TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
Rep	Datafile	Date Time									
1	0721022	22Jul2004 07:03	86	0.051	0.026	349	0.000	0.000	-	-	-

****
** OI Analytical Model 1010 TOC **
** RUN SETUP **
****

Operator: Unknown
Data Path: C:\PROGRA~1\OIANAL~1\TOCREP~1\DATA10\072104
WinTOC Version: 5.2 Firmware Version: 5.2
WinTOC Revision: rev 241 Firmware Revision: rev 364

Report To File: Enabled Naming Mode: Automatic
Prefix: 0721 Index: 23

****
** CONFIGURATION **
****

Analysis Mode: TIC/TOC Spl Intro: Autosampler 53
Remote Start : OFF

Loop Size: 1 mL	Actual Volume	1mL	5mL	10mL	25mL
	Loop A (uL):	1000	5000	10000	25000

STL North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A4F120158	1		GH7MN1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	1		GH7MN1AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F120158	2		GH7MQ1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	3		GH7MV1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	4		GH7M01AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	4		GH7M01AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F120158	5		GH7M51AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	6		GH7M81AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	6		GH7M81AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F120158	7		GH7M91AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	8		GH7NC1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	9		GH7NE1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	10		GH7NF1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan
A4F120158	10	X	GH7NF1AE	Solids, Percent (as TS - 160.3 MOD) - Solids	06/15/04	Bruce Woodward	06/16/04	Rebecca Nolan

STL North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A4F150251	1		GJA8Q1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	2		GJCAE1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	2		GJCAE1AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F150251	3		GJCAR1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	4		GJCA51AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	5		GJCA81AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	5		GJCA81AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F150251	6		GJCCD1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	7		GJCCK1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	8		GJCCN1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	9		GJCCP1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	10		GJCCV1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon
A4F150251	10		GJCCV1AD	Carbon, Total Organic "TOC" (9060)	07/22/04	Melissa Fuller-Gustavel	07/22/04	Tia Anderson
A4F150251	11		GJCCX1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/16/04	Rebecca Nolan	06/17/04	Olguita Colon

SEVERN TRENT STL

END OF REPORT