Table of Contents

Analytical Report Cover Page A4F220155 1
Case Narrative 2
Executive Summary 7
Analytical Method Summary..... 9
Sample Summary..... 11
Shipping/Receiving Documents 13
GC/MS Volatile Data 18
QC Summary Data..... 19
Sample Data 44
Standard Data..... 64
Raw QC Data..... 216
Miscellaneous Data..... 277
General Chemistry Data 288
QC Summary Data..... 289
Sample Data 293
Supportive Raw Data 295

Total # of Pages in this Document..... 299

Return to Navigator

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 100.58.19

EMD/NORWOOD, OHIO

Lot #: A4F220155

Angela Hurley

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

SEVERN TRENT LABORATORIES, INC.

Roger K. Toth
Project Manager

July 19, 2004

SEVERN TRENT STL

CASE NARRATIVE

CASE NARRATIVE
A4F220155

The following report contains the analytical results for one solid sample and one quality control sample submitted to STL North Canton by The Payne Firm, Inc. from the EMD/Norwood, Ohio Site, project number 100.58.19. The samples were received June 22, 2004, according to documented sample acceptance procedures.

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 07, 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 cooler upon sample receipt was 2.4°C.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for batch(es) 4182309 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

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)

Y:\HerrenD\FORMS\New exp insertsr\sw846 2-2-04.doc, Revised: 01/28/04 DJL

SEVERN TRENT STL

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

4F22155 : A4F220155

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK/062104 06/21/04 001				
Acetone	1.7 J	10	ug/L	SW846 8260B
2-Butanone	1.1 J	10	ug/L	SW846 8260B
Toluene	0.23 J	1.0	ug/L	SW846 8260B
DW001/29.5-30.5/062104 06/21/04 13:00 002				
Acetone	11 J,B	18	ug/kg	SW846 8260B
Methylene chloride	1.3 J	4.6	ug/kg	SW846 8260B
Percent Solids	84.9	10.0	%	MCAWW 160.3 MOD

SEVERN TRENT STL

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A4F220155

PARAMETER	ANALYTICAL METHOD
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

A4F220155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GJQDQ	001	TRIP BLANK/062104	06/21/04	
GJQDV	002	DW001/29.5-30.5/062104	06/21/04	13:00

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 STL
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: The Payne Firm, Inc.	Project Manager: Don Reed/Results to Angela Hurley	Date: 6/21/04	Chain of Custody Number: 122024
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: 8432 4072 1847		
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	#	Analysis (Attach list if more space is needed): VOC*	Special Instructions/ Conditions of Receipt
TRIPBLANK/062104	6/21/04	—		X							X			2	X	*Appendix IX 8260B
DW001/29.5-30.5/062104	6/21/04	1300				X		X						4	X	

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

1. Relinquished By: Angela Hurley	Date: 6/21/04	Time: 1830	1. Received By: Anne Sanders	Date: 6-22-04	Time: 945
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

14

RSR280

Severn Trent Laboratories, Inc.
Sample Control Record

Client: 5670

Lot #: A4F220155

Case Number/SDG: 100.58.19

Storage Location: C9 MS/MS

Laboratory Sample I.D.	Transferred By	Date	Entered	Removed	Reason	Date Returned
GJQDQ	EARLES	6/22/04	Yes		Storage	
GJQDV	EARLES	6/22/04	Yes		Storage	

STL Cooler Receipt Form/Narrative **Lot Number:** A4F220155

North Canton Facility

Client: The Payne Firm Project: _____ Quote#: _____

Cooler Received on: 6-22-04 Opened on: 6-22-04 by: Anne Sanders (Signature)

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

STL Cooler No# _____ 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 2.4 °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:

_____

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.

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: 4F22155

Lot #: A4F220155

Extraction: XXA4PQK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	DW001/29.5-30.5/062104	105	105	109	104	00
02	METHOD BLK. GKHHF1AA	103	100	108	103	00
03	LCS GKHHF1AC	103	102	109	106	00
04	LCSD GKHHF1AD	103	100	108	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: 4F22155

Lot #: A4F220155

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	TRIP BLANK/062104	98	112	100	86	00
02	INTRA-LAB QC	101	109	98	87	00
03	METHOD BLK. GJ9341AA	100	110	100	88	00
04	LCS GJ9341AC	92	108	106	110	00
05	LAB MS/MSD D	93	113	107	106	00
06	LCSD GJ9341AD	93	106	107	105	00
07	LAB MS/MSD S	96	112	109	110	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: 4F22155

Lot #: A4F300000 WO #: GJ9341AC
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1,1-Trichloroethane	10	10	103	78- 140	
Carbon tetrachloride	10	11	105	75- 149	
Bromodichloromethane	10	10	102	87- 130	
1,2-Dichloropropane	10	10	102	82- 115	
cis-1,3-Dichloropropene	10	9.6	96	84- 130	
Trichloroethene	10	8.9	89	75- 122	
Dibromochloromethane	10	10	102	81- 138	
1,1,2-Trichloroethane	10	11	107	83- 122	
Benzene	10	9.9	99	80- 116	
trans-1,3-Dichloropropene	10	11	113	84- 130	
Bromoform	10	8.9	89	76- 150	
4-Methyl-2-pentanone	10	9.3	93	78- 141	
2-Hexanone	10	8.4	84	35- 200	
Tetrachloroethene	10	9.3	93	88- 113	
1,1,2,2-Tetrachloroethane	10	14	137*	85- 118	a
Toluene	10	12	115	74- 119	
Chlorobenzene	10	11	106	76- 117	
Ethylbenzene	10	11	110	86- 116	
Styrene	10	11	114	85- 117	
Xylenes (total)	30	34	115	87- 116	
cis-1,2-Dichloroethene	10	9.3	93	85- 113	
Chloromethane	10	9.6	96	48- 123	
Bromomethane	10	8.5	85	64- 129	
Vinyl chloride	10	8.6	86	61- 120	
Chloroethane	10	8.6	86	66- 126	
Methylene chloride	10	9.5	95	78- 118	
Acetone	10	6.0	60	22- 200	
Carbon disulfide	10	10	104	73- 139	
1,1-Dichloroethene	10	11	108	63- 130	
1,1-Dichloroethane	10	10	104	86- 123	
1,2-Dichloroethene (total	20	19	97	82- 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: 4F22155

Lot #: A4F300000 WO #: GJ9341AC
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloroform	10	10	103	84- 128	
1,2-Dichloroethane	10	11	111	79- 136	
2-Butanone	10	6.9	69	28- 237	
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 DUPLICATE RECOVERY

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

Lab Code: STLCAN SDG No: 4F22155

Lot #: A4F300000 WO #: GJ9341AD
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	9.7	97	48- 123	
Bromomethane	10	8.7	87	64- 129	
Vinyl chloride	10	8.5	85	61- 120	
Chloroethane	10	8.5	85	66- 126	
Methylene chloride	10	9.5	95	78- 118	
Acetone	10	6.0	60	22- 200	
Carbon disulfide	10	10	104	73- 139	
1,1-Dichloroethene	10	11	108	63- 130	
1,1-Dichloroethane	10	11	106	86- 123	
1,2-Dichloroethene (total	20	19	97	82- 116	
Chloroform	10	10	102	84- 128	
1,2-Dichloroethane	10	11	109	79- 136	
2-Butanone	10	6.8	68	28- 237	
1,1,1-Trichloroethane	10	10	101	78- 140	
Carbon tetrachloride	10	10	104	75- 149	
Bromodichloromethane	10	10	101	87- 130	
1,2-Dichloropropane	10	10	102	82- 115	
cis-1,3-Dichloropropene	10	9.5	95	84- 130	
Trichloroethene	10	9.1	91	75- 122	
Dibromochloromethane	10	10	102	81- 138	
1,1,2-Trichloroethane	10	10	104	83- 122	
Benzene	10	10	100	80- 116	
trans-1,3-Dichloropropene	10	11	113	84- 130	
Bromoform	10	8.7	87	76- 150	
4-Methyl-2-pentanone	10	9.3	93	78- 141	
2-Hexanone	10	8.2	82	35- 200	
Tetrachloroethene	10	9.2	92	88- 113	
1,1,2,2-Tetrachloroethane	10	14	136*	85- 118	a
Toluene	10	11	115	74- 119	
Chlorobenzene	10	11	106	76- 117	
Ethylbenzene	10	11	110	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: 4F22155

Lot #: A4F300000 WO #: GJ9341AD
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	11	113	85- 117	
Xylenes (total)	30	34	114	87- 116	
cis-1,2-Dichloroethene	10	9.3	93	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: 4F22155

Lot #: A4G020000 WO #: GKHHF1AC
BATCH: 4184435

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	42	83	15- 136	
Bromomethane	50	59	118	24- 152	
Vinyl chloride	50	47	94	24- 152	
Chloroethane	50	50	100	31- 144	
Methylene chloride	50	45	89	58- 130	
Acetone	50	39	79	58- 130	
Carbon disulfide	50	50	101	50- 137	
1,1-Dichloroethene	50	50	100	55- 142	
1,1-Dichloroethane	50	51	102	77- 119	
1,2-Dichloroethene (total	100	100	104	73- 115	
Chloroform	50	52	104	73- 115	
1,2-Dichloroethane	50	52	103	78- 121	
2-Butanone (MEK)	50	40	80	27- 200	
1,1,1-Trichloroethane	50	55	110	67- 123	
Carbon tetrachloride	50	56	111	57- 137	
Bromodichloromethane	50	53	107	72- 125	
1,2-Dichloropropane	50	50	101	78- 116	
cis-1,3-Dichloropropene	50	52	104	71- 125	
Trichloroethene	50	53	105	70- 131	
Dibromochloromethane	50	49	98	49- 135	
1,1,2-Trichloroethane	50	47	95	82- 116	
Benzene	50	52	104	75- 129	
trans-1,3-Dichloropropene	50	47	95	67- 125	
Bromoform	50	52	103	43- 149	
4-Methyl-2-pentanone (MIB	50	51	102	68- 142	
2-Hexanone	50	41	82	29- 200	
Tetrachloroethene	50	50	101	72- 120	
1,1,2,2-Tetrachloroethane	50	48	96	70- 133	
Toluene	50	48	96	71- 130	
Chlorobenzene	50	50	100	75- 127	
Ethylbenzene	50	52	104	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: 4F22155

Lot #: A4G020000 WO #: GKHHF1AC
BATCH: 4184435

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	52	105	80- 114	
Xylenes (total)	150	160	104	80- 114	
cis-1,2-Dichloroethene	50	51	103	77- 114	
trans-1,2-Dichloroethene	50	52	104	68- 117	
n-Hexane	50	57	114	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: 4F22155

Lot #: A4G020000 WO #: GKHHF1AD
BATCH: 4184435

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Chloromethane	50	37	75	15- 136	
Bromomethane	50	54	108	24- 152	
Vinyl chloride	50	42	85	24- 152	
Chloroethane	50	46	93	31- 144	
Methylene chloride	50	44	88	58- 130	
Acetone	50	40	79	58- 130	
Carbon disulfide	50	47	94	50- 137	
1,1-Dichloroethene	50	48	95	55- 142	
1,1-Dichloroethane	50	51	101	77- 119	
1,2-Dichloroethene (total	100	100	100	73- 115	
Chloroform	50	51	103	73- 115	
1,2-Dichloroethane	50	51	102	78- 121	
2-Butanone (MEK)	50	39	78	27- 200	
1,1,1-Trichloroethane	50	53	106	67- 123	
Carbon tetrachloride	50	54	107	57- 137	
Bromodichloromethane	50	52	104	72- 125	
1,2-Dichloropropane	50	51	101	78- 116	
cis-1,3-Dichloropropene	50	51	103	71- 125	
Trichloroethene	50	51	101	70- 131	
Dibromochloromethane	50	49	98	49- 135	
1,1,2-Trichloroethane	50	47	93	82- 116	
Benzene	50	50	101	75- 129	
trans-1,3-Dichloropropene	50	46	92	67- 125	
Bromoform	50	53	107	43- 149	
4-Methyl-2-pentanone (MIB	50	51	102	68- 142	
2-Hexanone	50	40	80	29- 200	
Tetrachloroethene	50	48	96	72- 120	
1,1,2,2-Tetrachloroethane	50	49	98	70- 133	
Toluene	50	47	93	71- 130	
Chlorobenzene	50	48	97	75- 127	
Ethylbenzene	50	50	100	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: 4F22155

Lot #: A4G020000 WO #: GKHHF1AD
BATCH: 4184435

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
Styrene	50	51	102	80- 114	
Xylenes (total)	150	150	101	80- 114	
cis-1,2-Dichloroethene	50	50	100	77- 114	
trans-1,2-Dichloroethene	50	50	101	68- 117	
n-Hexane	50	56	111	57- 130	

NOTES(S):

* Values outside of QC 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: 4F22155

Matrix Spike ID: LAB MS/MSD

Lot #: A4F230239 WO #: GJT0C1AC
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	250	ND	260	104	62- 130	
Chloromethane	250	ND	250	99	40- 137	
Bromomethane	250	ND	210	85	55- 145	
Vinyl chloride	250	710	850	58*	88- 126	a
Chloroethane	250	ND	210	85	59- 142	
Methylene chloride	250	ND	230	93	82- 115	
Acetone	250	ND	180	72	45- 128	
Carbon disulfide	250	ND	260	105	69- 138	
1,1-Dichloroethane	250	ND	260	105	88- 127	
1,2-Dichloroethene (total	500	ND	480	96	86- 115	
Chloroform	250	ND	260	104	83- 141	
1,2-Dichloroethane	250	ND	290	116	71- 160	
2-Butanone	250	ND	180	74	71- 123	
1,1,1-Trichloroethane	250	ND	260	103	71- 162	
Carbon tetrachloride	250	ND	270	106	63- 176	
Bromodichloromethane	250	ND	260	104	80- 146	
1,2-Dichloropropane	250	ND	250	101	87- 114	
cis-1,3-Dichloropropene	250	ND	240	96	82- 130	
Trichloroethene	250	ND	230	94	62- 130	
Dibromochloromethane	250	ND	260	104	71- 158	
1,1,2-Trichloroethane	250	ND	270	110	86- 129	
Benzene	250	ND	250	100	78- 118	
trans-1,3-Dichloropropene	250	ND	290	117	73- 147	
Bromoform	250	ND	230	94	58- 176	
4-Methyl-2-pentanone	250	ND	240	98	82- 135	
2-Hexanone	250	ND	220	88	81- 128	
Tetrachloroethene	250	ND	240	96	85- 121	
1,1,2,2-Tetrachloroethane	250	ND	340	135*	88- 116	a

(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: 4F22155

Matrix Spike ID: LAB MS/MSD

Lot #: A4F230239 WO #: GJT0C1AC
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Toluene	250	ND	290	115	70- 119	
Chlorobenzene	250	ND	270	107	76- 117	
Ethylbenzene	250	ND	280	112	86- 132	
Styrene	250	ND	290	116	83- 120	
Xylenes (total)	750	ND	870	116	89- 121	
cis-1,2-Dichloroethene	250	ND	230	92	87- 114	
trans-1,2-Dichloroethene	250	ND	250	99	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: 2 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: 4F22155

Matrix Spike ID: LAB MS/MSD

Lot #: A4F230239 WO #: GJT0C1AD
BATCH: 4182309

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	250	270	107	2.4	20	62- 130	
Chloromethane	250	240	98	1.9	39	40- 137	
Bromomethane	250	220	87	1.5	30	55- 145	
Vinyl chloride	250	840	52*	1.5	30	88- 126	a
Chloroethane	250	210	86	1.2	30	59- 142	
Methylene chloride	250	230	93	0.30	30	82- 115	
Acetone	250	180	73	0.85	30	45- 128	
Carbon disulfide	250	270	106	1.6	41	69- 138	
1,1-Dichloroethane	250	270	107	1.3	30	88- 127	
1,2-Dichloroethene (total	500	490	99	3.0	30	86- 115	
Chloroform	250	260	103	0.76	30	83- 141	
1,2-Dichloroethane	250	280	113	3.2	30	71- 160	
2-Butanone	250	190	75	1.4	30	71- 123	
1,1,1-Trichloroethane	250	260	105	2.0	30	71- 162	
Carbon tetrachloride	250	270	108	2.1	30	63- 176	
Bromodichloromethane	250	260	106	1.3	30	80- 146	
1,2-Dichloropropane	250	260	103	1.6	30	87- 114	
cis-1,3-Dichloropropene	250	240	95	1.0	30	82- 130	
Trichloroethene	250	230	92	2.0	20	62- 130	
Dibromochloromethane	250	260	105	1.7	30	71- 158	
1,1,2-Trichloroethane	250	270	109	1.0	30	86- 129	
Benzene	250	250	100	0.10	20	78- 118	
trans-1,3-Dichloropropene	250	280	114	2.8	30	73- 147	
Bromoform	250	230	92	1.3	30	58- 176	
4-Methyl-2-pentanone	250	250	100	2.4	30	82- 135	
2-Hexanone	250	220	88	0.89	30	81- 128	
Tetrachloroethene	250	230	94	1.8	30	85- 121	
1,1,2,2-Tetrachloroethane	250	350	141*	4.5	30	88- 116	a

(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: 4F22155

Matrix Spike ID: LAB MS/MSD

Lot #: A4F230239 WO #: GJT0C1AD
BATCH: 4182309

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	250	280	113	1.6	20	70 - 119	
Chlorobenzene	250	270	107	0.31	20	76 - 117	
Ethylbenzene	250	280	111	1.1	30	86 - 132	
Styrene	250	290	115	1.2	30	83 - 120	
Xylenes (total)	750	860	115	0.80	30	89 - 121	
cis-1,2-Dichloroethene	250	240	95	2.6	30	87 - 114	
trans-1,2-Dichloroethene	250	260	102	3.3	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: 2 out of 35 outside limits

COMMENTS:

FORM III

BLANK WORKORDER NO.

GJ9341AA

SW846 8260B METHOD BLANK SUMMARY

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F22155

Lab File ID: UX77210.D

Lot Number: A4F220155

Date Analyzed: 06/29/04

Time Analyzed: 09:10

Matrix: WATER

Date Extracted:06/29/04

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	TRIP BLANK/062104	GJQDQ1AA	UX77229.D	06/29/04	16:40
02	INTRA-LAB QC	GJT0C1AA	UX77213.D	06/29/04	10:26
03	LAB MS/MSD	GJT0C1AC S	UX77227.D	06/29/04	15:54
04	LAB MS/MSD	GJT0C1AD D	UX77228.D	06/29/04	16:17
05	CHECK SAMPLE	GJ9341AC C	UX77208.D	06/29/04	08:23
06	DUPLICATE CHECK	GJ9341AD L	UX77209.D	06/29/04	08:47
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV

BLANK WORKORDER NO.

GKHHF1AA

SW846 8260B METHOD BLANK SUMMARY

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLCAN

SDG Number:4F22155

Lab File ID: UX80808.D

Lot Number: A4F220155

Date Analyzed: 07/01/04

Time Analyzed: 21:18

Matrix: SOLID

Date Extracted:07/01/04

GC Column: DB 624 ID: .18

Extraction Method: 5035

Instrument ID: UX8

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	DW001/29.5-30.5/062104	GJQDV1AC	UX80832.D	07/02/04	06:55
02	CHECK SAMPLE	GKHHF1AC C	UX80807.D	07/01/04	20:55
03	DUPLICATE CHECK	GKHHF1AD L	UX80809.D	07/01/04	21:42
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV

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.: 4F22155

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
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA 1/87 Rev.

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.: 4F22155

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
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA 1/87 Rev.

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.: 4F22155

Lab File ID: BFB310 BFB Injection Date: 06/29/04

Instrument ID: A3UX7 BFB Injection Time: 0717

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	20.8
75	30.0 - 60.0% of mass 95	51.0
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	0.4 (0.6)1
174	50.0 - 100.0% of mass 95	72.2
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	72.8 (100.8)1
177	5.0 - 9.0% of mass 176	4.4 (6.1)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	UX77206	06/29/04	0736
02	VSTD010	50NG-CC	UX77207	06/29/04	0759
03	GJ934-CHK	GJ9341AC	UX77208	06/29/04	0823
04	GJ934-CKDUP	GJ9341AD	UX77209	06/29/04	0847
05	GJ934-BLK	GJ9341AA	UX77210	06/29/04	0910
06	TRIP BLANK/0	GJQDQ1AA	UX77229	06/29/04	1640
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

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.: 4F22155

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					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1 FORM V VOA 1/87 Rev.

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.: 4F22155

Lab File ID: BFB8796 BFB Injection Date: 06/29/04

Instrument ID: A3UX8A BFB Injection Time: 1006

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	19.0
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	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	72.7
175	5.0 - 9.0% of mass 174	5.3 (7.2)1
176	Greater than 95.0%, but less than 101.0% of mass 174	71.5 (98.4)1
177	5.0 - 9.0% of mass 176	4.6 (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	VSTD200	1000NG-A9IC	UX80707	06/29/04	1114
02	VSTD100	500NG-A9IC	UX80708	06/29/04	1138
03	VSTD050	250NG-A9IC	UX80709	06/29/04	1202
04	VSTD020	100NG-A9IC	UX80710	06/29/04	1226
05	VSTD010	50NG-A9IC	UX80711	06/29/04	1250
06	VSTD005	25NG-A9IC	UX80712	06/29/04	1314
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA 1/87 Rev.

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.: 4F22155

Lab File ID: BFB8800 BFB Injection Date: 07/01/04

Instrument ID: A3UX8A BFB Injection Time: 1928

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	20.0
75	30.0 - 60.0% of mass 95	50.8
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	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	74.9
175	5.0 - 9.0% of mass 174	4.2 (5.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	72.1 (96.3)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	VSTD050	250NG-CC	UX80805	07/01/04	2006
02	VSTD050	250NG-A9CC	UX80806	07/01/04	2030
03	GKHHF-CHK	GKHHF1AC	UX80807	07/01/04	2055
04	GKHHF-BLK	GKHHF1AA	UX80808	07/01/04	2118
05	GKHHF-CKDUP	GKHHF1AD	UX80809	07/01/04	2142
06	DW001/29.5-3	GJQDV1AC	UX80832	07/02/04	0655
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

page 1 of 1

FORM V VOA 1/87 Rev.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F22155

Lab File ID (Standard): UX77207 Date Analyzed: 06/29/04

Instrument ID: A3UX7 Time Analyzed: 0759

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	774074	7.57	1084281	4.95	344963	9.79
	UPPER LIMIT	1548148	8.07	2168562	5.45	689926	10.29
	LOWER LIMIT	387037	7.07	542141	4.45	172482	9.29
	EPA SAMPLE NO.						
01	GJ934-CHK	779962	7.57	1103534	4.95	308978	9.79
02	GJ934-CKDUP	780622	7.57	1104208	4.95	310134	9.79
03	GJ934-BLK	727519	7.57	1013029	4.95	262493	9.79
04	TRIP BLANK/0	700477	7.57	977779	4.95	259048	9.79
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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.

FORM VIII VOA 1/87 Rev.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: STL - NORTH CANTON Contract:

Lab Code: STLCAN Case No.: SAS No.: SDG No.: 4F22155

Lab File ID (Standard): UX80805 Date Analyzed: 07/01/04

Instrument ID: A3UX8A Time Analyzed: 2006

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	567597	7.38	805956	4.89	212558	9.56
	UPPER LIMIT	1135194	7.88	1611912	5.39	425116	10.06
	LOWER LIMIT	283799	6.88	402978	4.39	106279	9.06
	EPA SAMPLE NO.						
01	GKHHF-CHK	574702	7.38	831036	4.88	220022	9.56
02	GKHHF-BLK	610283	7.38	876146	4.88	223721	9.56
03	GKHHF-CKDUP	602792	7.38	874746	4.89	226544	9.56
04	DW001/29.5-3	551781	7.38	824691	4.88	187374	9.56
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

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.

FORM VIII VOA 1/87 Rev.

SEVERN TRENT STL

SAMPLE DATA

PAYNE FIRM INC.

Client Sample ID: TRIP BLANK/062104

GC/MS Volatiles

Lot-Sample #...: A4F220155-001 **Work Order #...:** GJQDQ1AA **Matrix.....:** WQ
Date Sampled...: 06/21/04 **Date Received..:** 06/22/04
Prep Date.....: 06/29/04 **Analysis Date..:** 06/29/04
Prep Batch #...: 4182309
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1.7 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	**1.1 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: TRIP BLANK/062104

GC/MS Volatiles

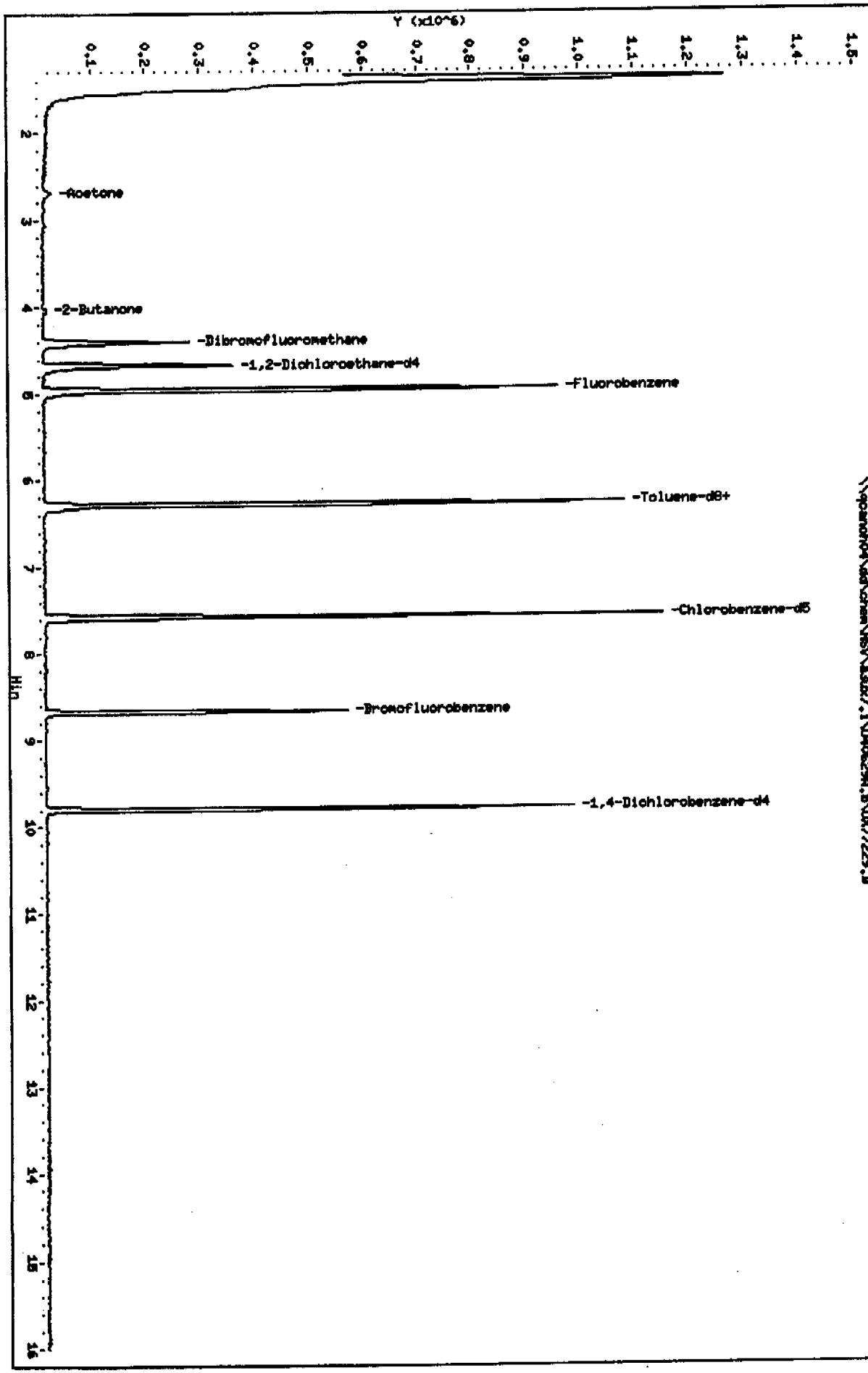
Lot-Sample #...: A4F220155-001 **Work Order #...:** GJQDQ1AA **Matrix.....:** WQ

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	**0.23 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	112	(61 - 128)
Toluene-d8	100	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.


Data File: \\panch04\dd\chem\MSV\a3ux7.i\U406290.b\UX77229.D
Date : 29-JUN-2004 16:40
Client ID: TRIP BLANK/062104
Sample Info: CJXDQ100,5ML/5ML
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 43682
Column diameter: 0.18
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
-Acetone
-2-Butanone
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene
-Toluene-d8+
-Chlorobenzene-d5
-Bromofluorobenzene
-1,4-Dichlorobenzene-d4
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
\\panch04\dd\chem\MSV\a3ux7.i\U406290.b\UX77229.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77229.D
Report Date: 30-Jun-2004 09:00

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77229.D
Lab Smp Id: GJQDQ1AA
Client Smp ID: TRIP BLANK/062104
Inj Date : 29-JUN-2004 16:40
Operator : 43582
Inst ID: a3ux7.i
Smp Info : GJQDQ1AA,5ML/5ML
Misc Info : U40629A,N8260UX7-3,,43582
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 30-Jun-2004 08:41 evansl
Quant Type: ISTD
Cal Date : 21-APR-2004 11:55
Cal File: UX74913.D
Als bottle: 24
Dil Factor: 1.00000
Compound Sublist: 4-8260+ix.sub
Integrator: HP RTE
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)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.951	4.952	(1.000)	977779	50.0000	
* 2 Chlorobenzene-d5	117	7.566	7.567	(1.000)	700477	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.791	9.792	(1.000)	259048	50.0000	
$ 4 Dibromofluoromethane	113	4.407	4.396	(0.890)	217037	49.1888	9.838
$ 5 1,2-Dichloroethane-d4	65	4.667	4.668	(0.943)	339496	55.8763	11.175
$ 6 Toluene-d8	98	6.277	6.277	(0.830)	781996	50.1610	10.032
$ 7 Bromofluorobenzene	95	8.667	8.668	(1.145)	234556	43.2018	8.640
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	2.679	2.680	(0.541)	38098	8.33764	1.668
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77229.D
Report Date: 30-Jun-2004 09:00

	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	4.028	4.017	(0.814)	18755	5.26085	1.052
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	6.336	6.337	(0.837)	22477	1.12777	0.2256
	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\U40629A.b\UX77229.D
Report Date: 30-Jun-2004 09:00

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	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: \\qoanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77229.D

Date : 29-JUN-2004 16:40

Client ID: TRIP BLANK/062104

Instrument: a3ux7.i

Sample Info: GJQDQ1AA,5ML/5ML

Operator: 43582

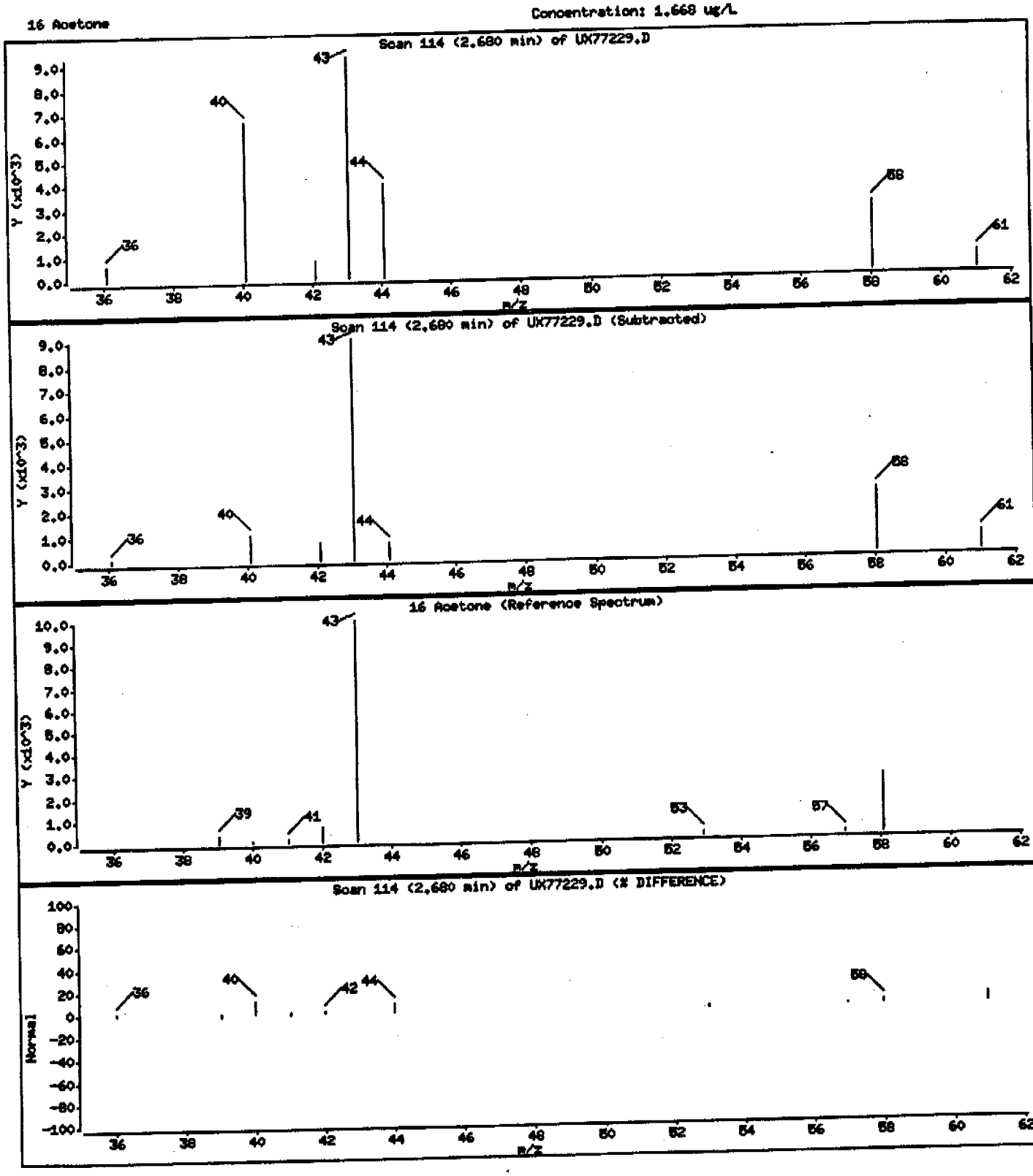
Purge Volume: 5.0

Column diameter: 0.18

Column phase: DB624 20m

Concentration: 1.668 ug/L

16 Acetone



Data File: \\qoanoh04\dd\chem\HSV\a3ux7.i\U40629A.b\UX77229.D

Date : 29-JUN-2004 16:40

Client ID: TRIP BLANK/062104

Instrument: a3ux7.i

Sample Info: CJQDQ1AA,5ML/5ML

Purge Volume: 5.0

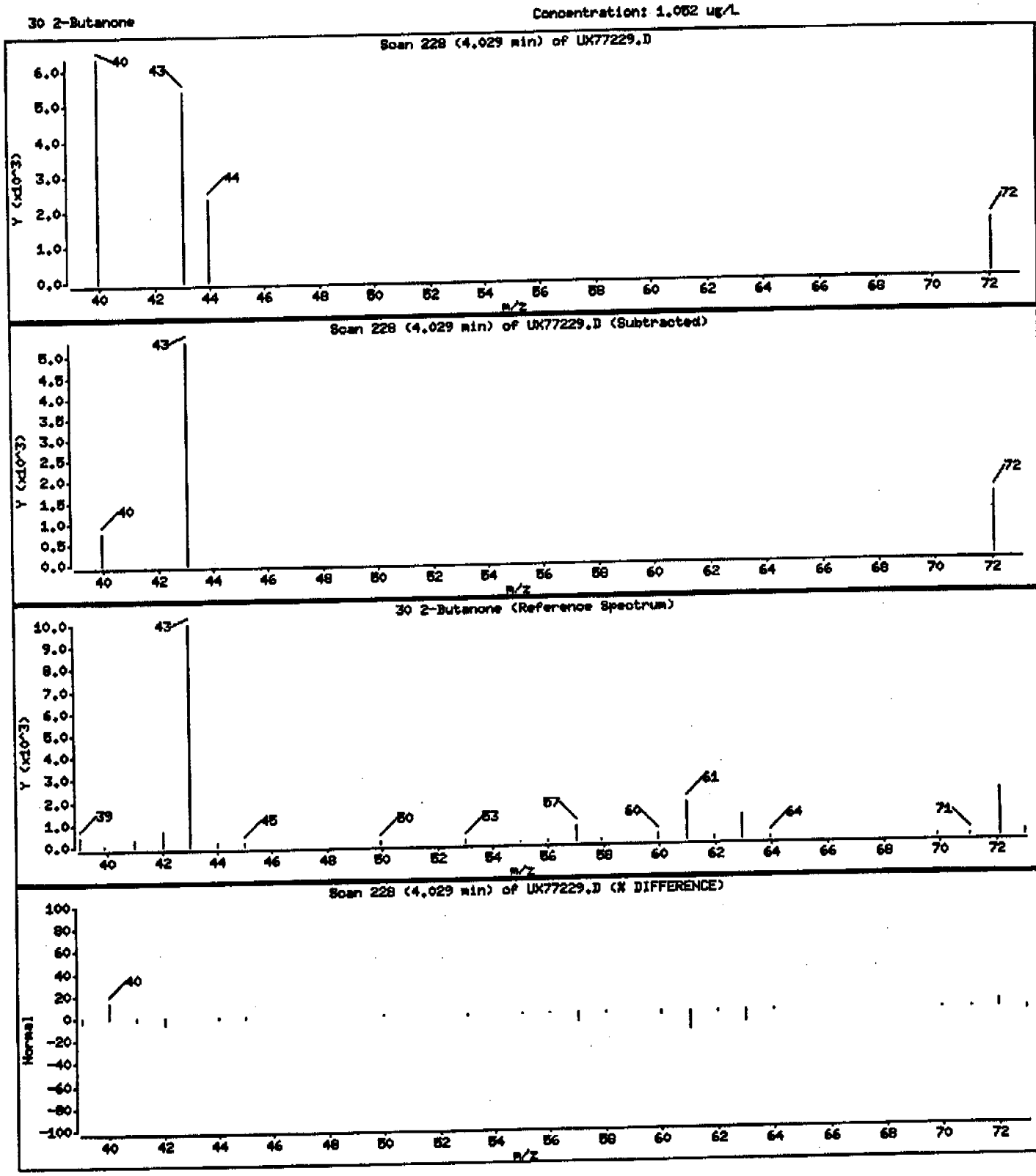
Operator: 43882

Column phase: DB624 20m

Column diameter: 0.18

30 2-Butanone

Concentration: 1.052 ug/L



Data File: \\qcanch04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77229.D

Date : 29-JUN-2004 16:40

Client ID: TRIP BLANK/062104

Instrument: a3ux7.i

Sample Info: GJQDQ1AA,5ML/5ML

Purge Volume: 5.0

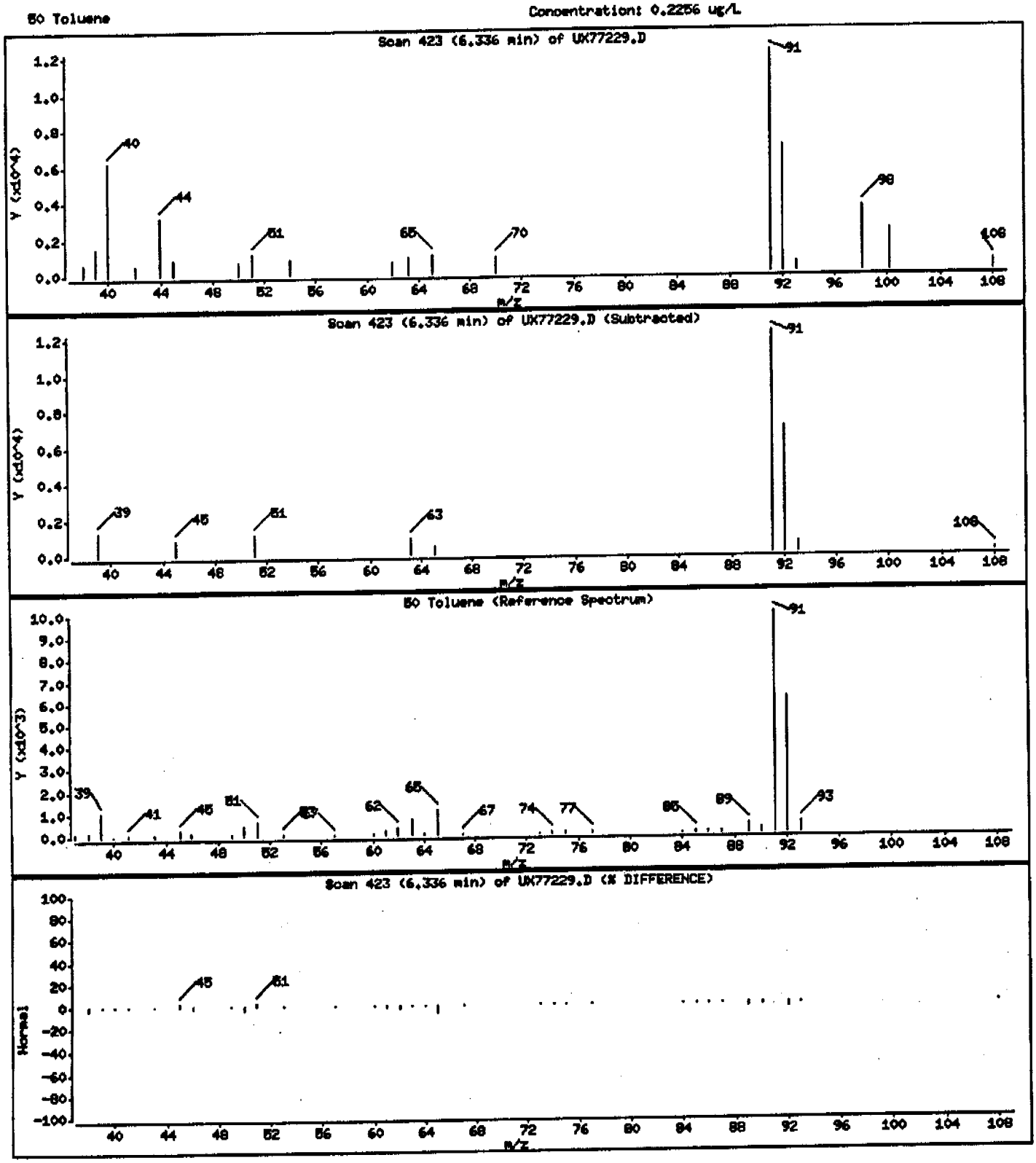
Operator: 43582

Column phase: DB624 20m

Column diameter: 0.18

50 Toluene

Concentration: 0.2256 ug/L



PAYNE FIRM INC.

Client Sample ID: DW001/29.5-30.5/062104

GC/MS Volatiles

Lot-Sample #...: A4F220155-002 **Work Order #...:** GJQDV1AC **Matrix.....:** SO
Date Sampled...: 06/21/04 13:00 **Date Received..:** 06/22/04
Prep Date.....: 07/02/04 **Analysis Date..:** 07/02/04
Prep Batch #...: 4184435
Dilution Factor: 0.78 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 15 **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	**11 J,B**	**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: DW001/29.5-30.5/062104

GC/MS Volatiles

Lot-Sample #...: A4F220155-002 **Work Order #...:** GJQDV1AC **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	**1.3 J**	**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	105	(59 - 138)
1,2-Dichloroethane-d4	105	(61 - 130)
Toluene-d8	109	(60 - 143)
4-Bromofluorobenzene	104	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

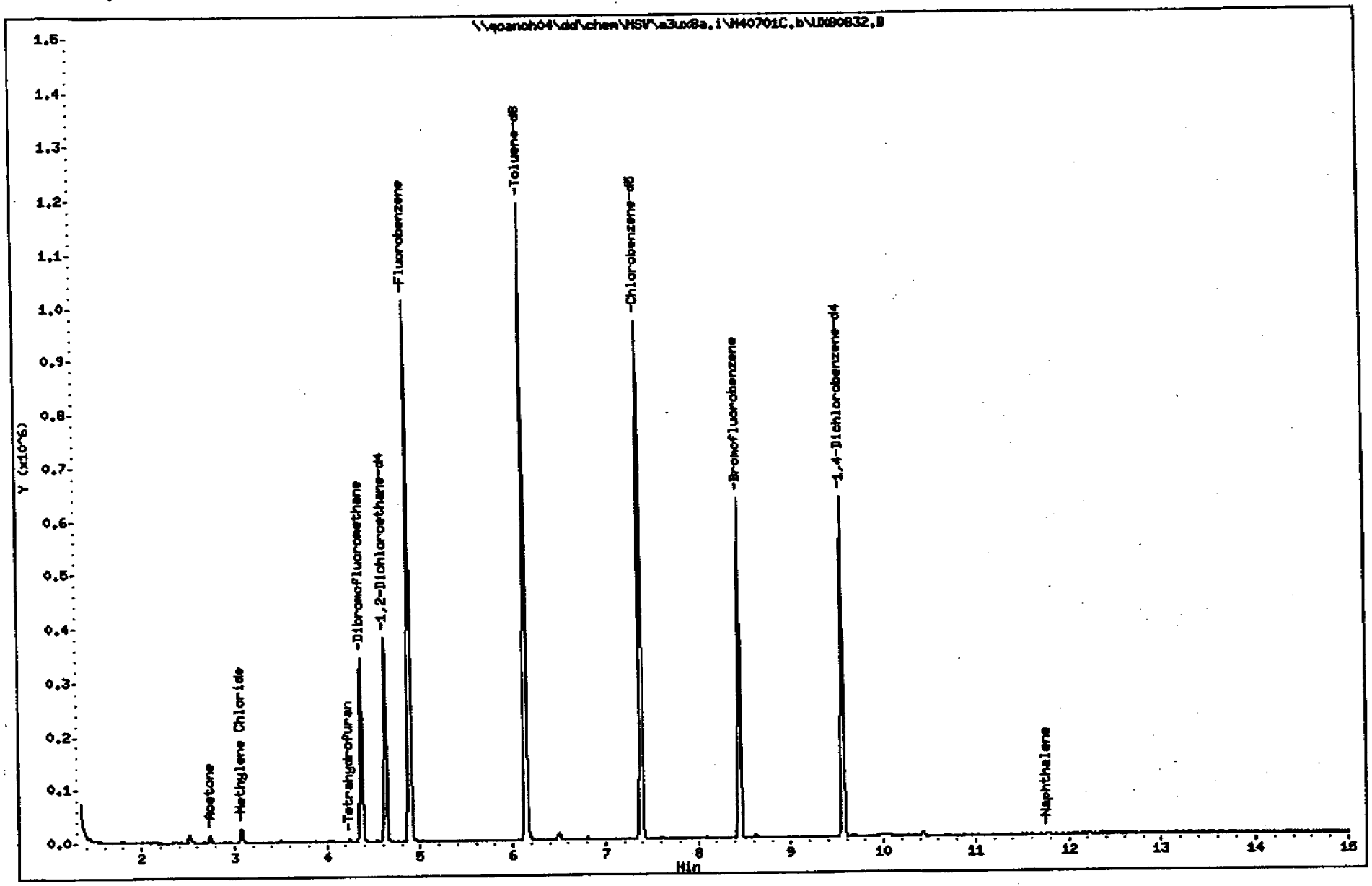
J Estimated result. Result is less than RL.

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

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\M40701C.b\UX80832.D
Date : 02-JUL-2004 06:55
Client ID: DW001/29.5-30.5/062
Sample Info: GJQDV1AC,6.4G/5HL
Purge Volume: 6.4
Column phase: DB624

Instrument: a3ux8a.i

Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D
Report Date: 02-Jul-2004 22:05

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D
Lab Smp Id: GJQDV1AC
Client Smp ID: DW001/29.5-30.5/062
Inj Date : 02-JUL-2004 06:55
Operator : 1819
Inst ID: a3ux8a.i
Smp Info : GJQDV1AC,6.4G/5ML
Misc Info : M40701C,8260SUX8,,1819
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels
Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14
Cal File: UX80712.D
Als bottle: 29
Dil Factor: 1.00000
Compound Sublist: 4-8260+ix.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	6.400	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
* 1 Fluorobenzene	96	4.883	4.886	(1.000)	824691	250.000	
* 2 Chlorobenzene-d5	117	7.383	7.380	(1.000)	551781	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.561	9.558	(1.000)	187374	250.000	
$ 4 Dibromofluoromethane	113	4.366	4.363	(0.894)	185499	262.449	41.008
$ 5 1,2-Dichloroethane-d4	65	4.621	4.625	(0.946)	260718	263.318	41.143
$ 6 Toluene-d8	98	6.136	6.139	(1.257)	793182	272.093	42.514
$ 7 Bromofluorobenzene	95	8.448	8.451	(1.144)	255254	259.586	40.560
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	2.736	2.739	(0.560)	12763	57.3724	8.964
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D
Report Date: 02-Jul-2004 22:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
	19 Iodomethane	142	Compound Not Detected.					
	20 Carbon Disulfide	76	Compound Not Detected.					
	21 Methylene Chloride	84	3.070	3.073	(0.629)	13446	7.22431	1.129
	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	4.238	4.235	(0.868)	2100	7.84290	1.225
	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\a3ux8a.i\M40701C.b\UX80832.D
Report Date: 02-Jul-2004 22:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	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	11.763	11.767	(1.230)	4124	2.50599	0.3916
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.					
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.					
103 Cyclohexanone	55	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D

Date : 02-JUL-2004 06:55

Client ID: DW001/29,5-30.5/062

Instrument: a3ux8a.i

Sample Info: GJQDV1AC,6.4G/5ML

Purge Volume: 6.4

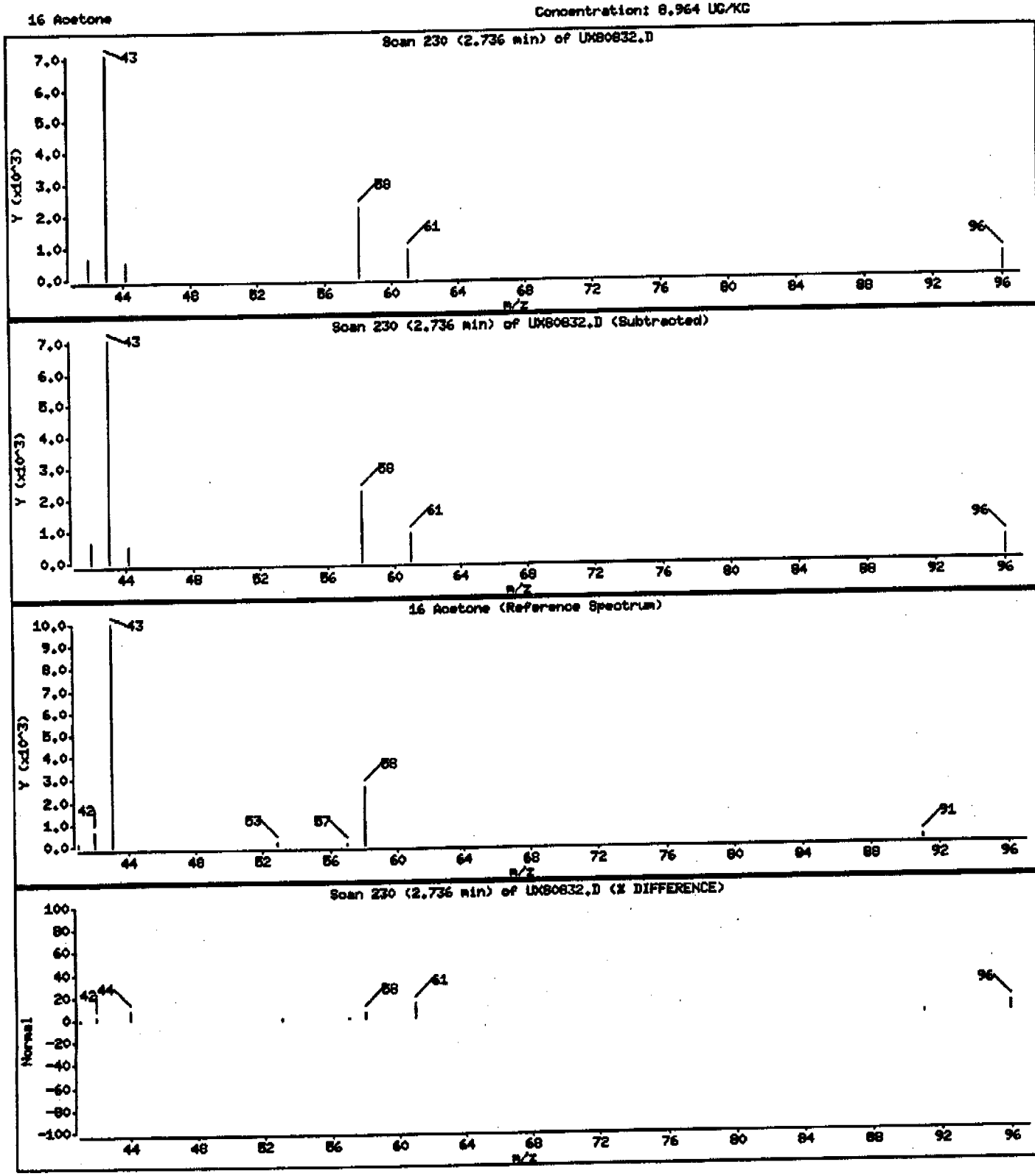
Operator: 1819

Column phase: DB624

Column diameter: 0.18

Concentration: 8.964 UG/KG

16 Acetone



Data File: \\qoanoh04\dd\chem\MSV\a3ux8a.i\H40701C.b\UX80832.D

Date : 02-JUL-2004 06:55

Client ID: DW001/29.5-30.5/062

Sample Info: GJQDV1AC,6.4G/5ML

Purge Volume: 6.4

Column phase: DB624

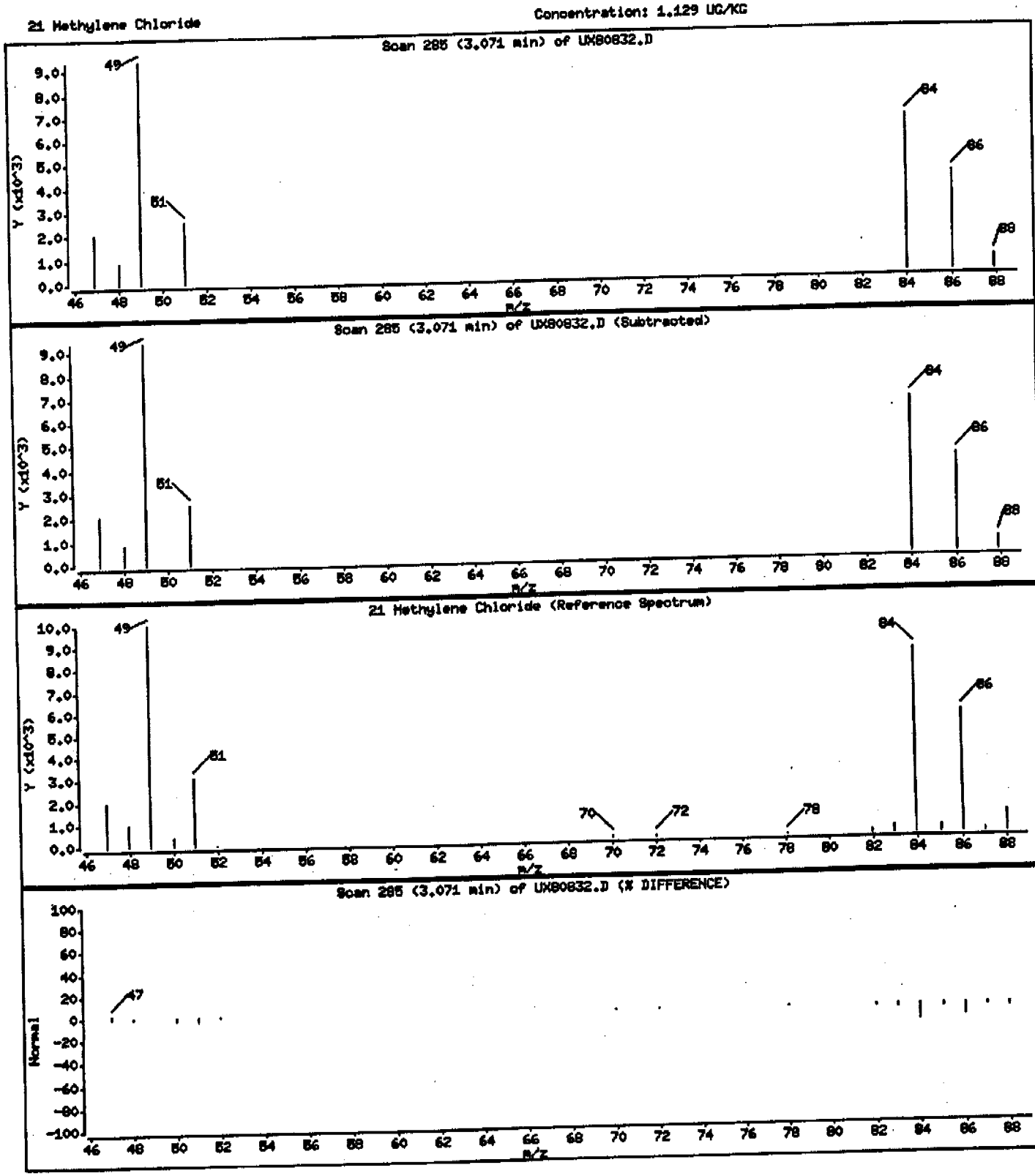
Instrument: a3ux8a.i

Operator: 1819

Column diameter: 0.18

Concentration: 1.129 UG/KG

21 Methylene Chloride



Data File: \\qcanch04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D

Date : 02-JUL-2004 06:55

Client ID: DW001/29.5-30.5/062

Sample Info: GJQDV1AC,6.4G/5ML

Purge Volume: 6.4

Column phase: DB624

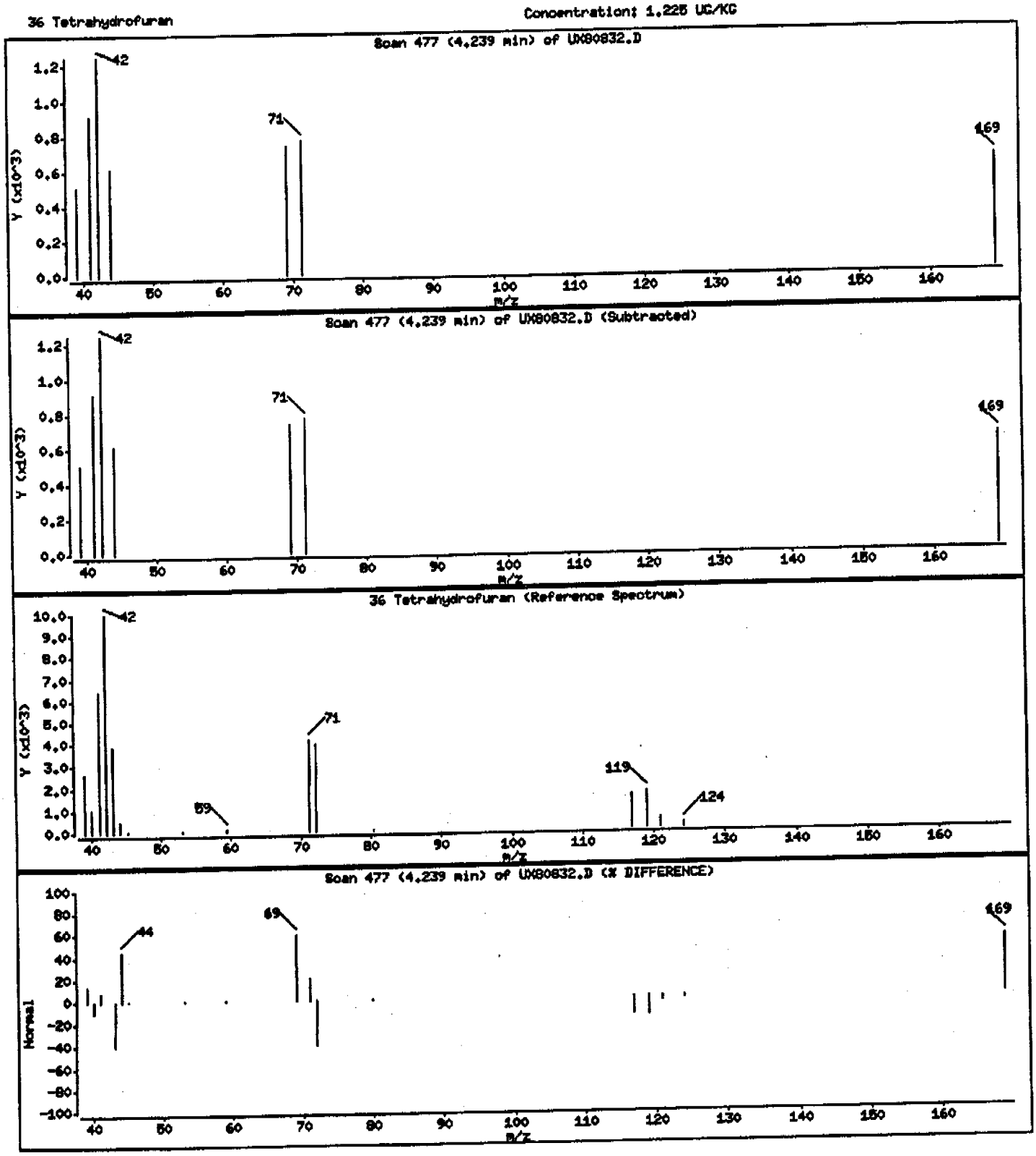
Instrument: a3ux8a.i

Operator: 1819

Column diameter: 0.18

Concentration: 1.225 UG/KG

36 Tetrahydrofuran



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80832.D

Date : 02-JUL-2004 06:55

Client ID: DW001/29.5-30.5/062

Instrument: a3ux8a.i

Sample Info: GJQDV1AC,6.4G/5ML

Purge Volume: 6.4

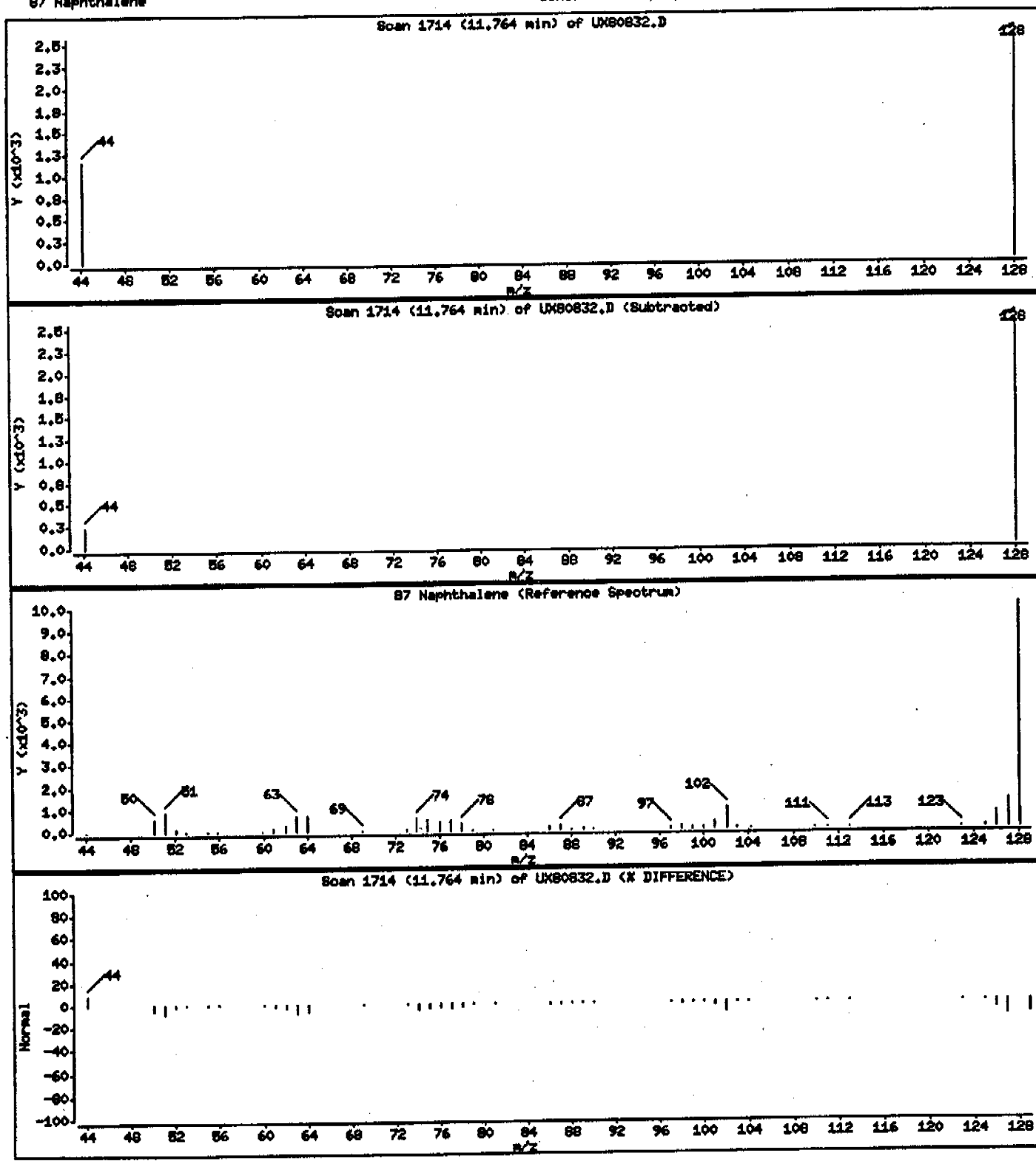
Operator: 1819

Column phase: DB624

Column diameter: 0.18

87 Naphthalene

Concentration: 0.3916 UG/KG



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	m1	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	m1	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	m1	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

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
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

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	
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	

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		0.000e+000		0.000e+000	<-
141 1,3,5-Trichlorobenzene	0.67396	0.69200	0.65052	0.70373	0.73513	0.75796	AVRG		0.70222		5.61334	
143 Methyl Acetate	0.22729	0.22534	0.21931	0.20758	0.21482	0.21547	AVRG		0.21830		3.34409	
144 Methylcyclohexane	0.25730	0.24656	0.27346	0.28793	0.32914	0.33640	AVRG		0.28847		12.88243	
145 Dimethoxymethane	*****	*****	*****	*****	*****	*****	AVRG		0.000e+000		0.000e+000	<-
146 2-Methylnaphthalene	*****	*****	*****	*****	*****	*****	AVRG		0.000e+000		0.000e+000	

Report Date : 02-Jun-2004 14:57

STL North Canton

INITIAL CALIBRATION DATA

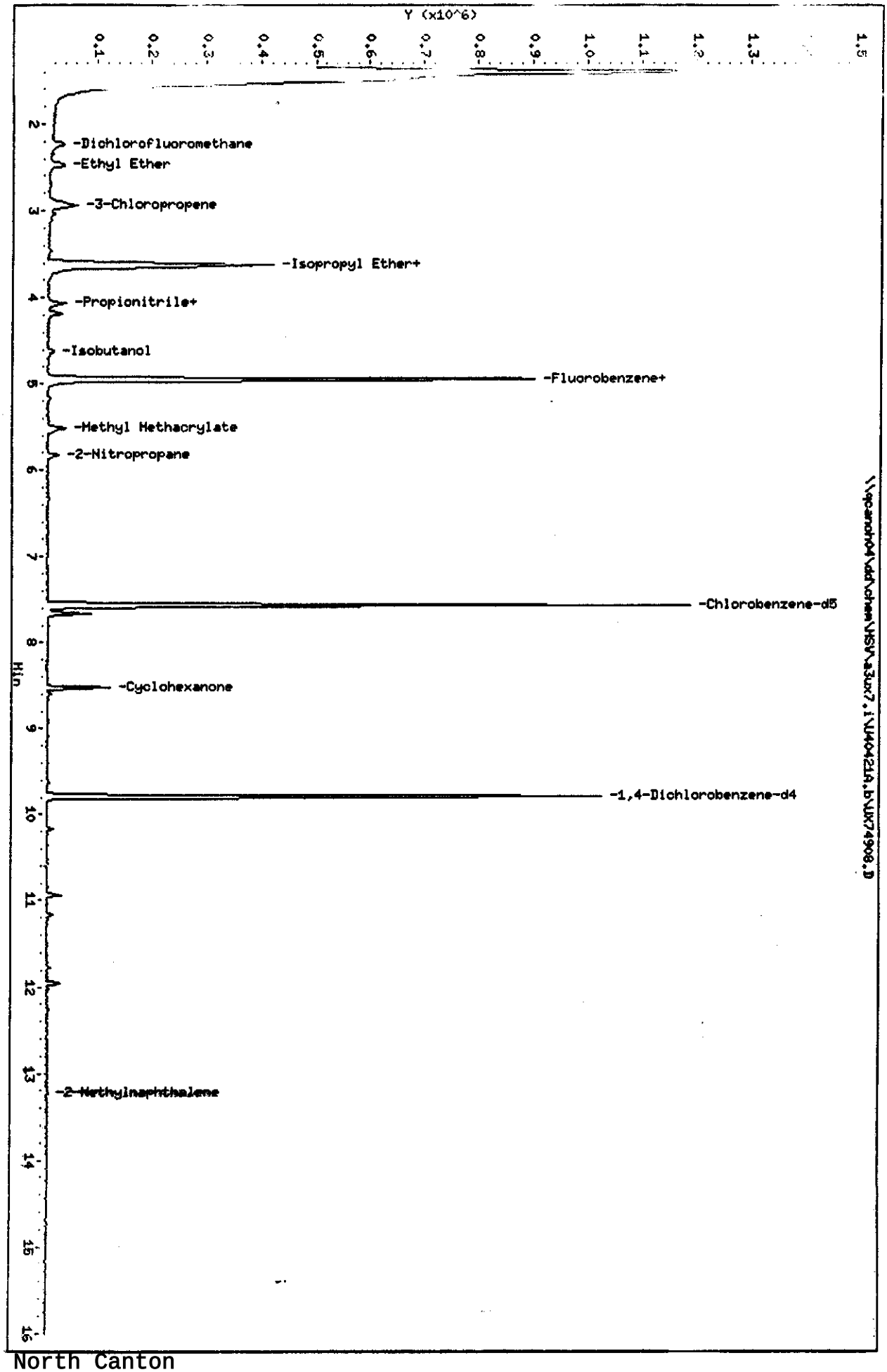
Start Cal Date : 20-APR-2004 14:54
End Cal Date : 02-JUN-2004 14:12
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\N8260UX7-3.m
Cal Date : 02-Jun-2004 14:41 tapsvc

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
$ 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\U404210.b\UX74908.D
Date : 21-APR-2004 09:38
Client ID:
Sample Info: 5HG09CAL
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

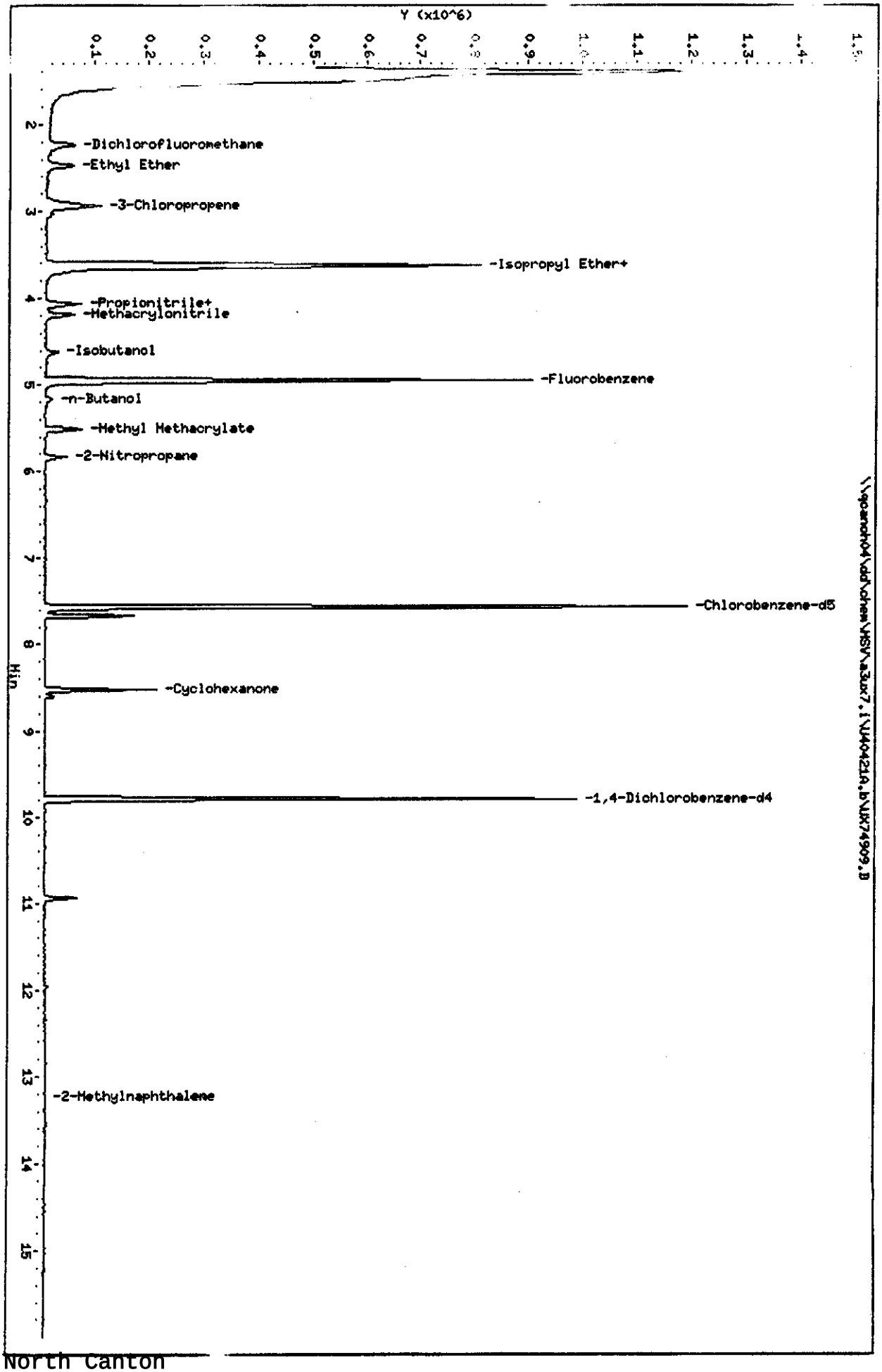
Concentration Formula: Amt * DF * 1/Vo

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)	AMOUNTS 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)	22731	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)	4903	50.0000	43.963
146 2-Methylnaphthalene	142	13.224	13.224	(1.350)	1538	10.0000	31.976

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74909.D
Date : 21-APR-2004 10:02
Client ID:
Sample Info: 10NC09CAL
Injection 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\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

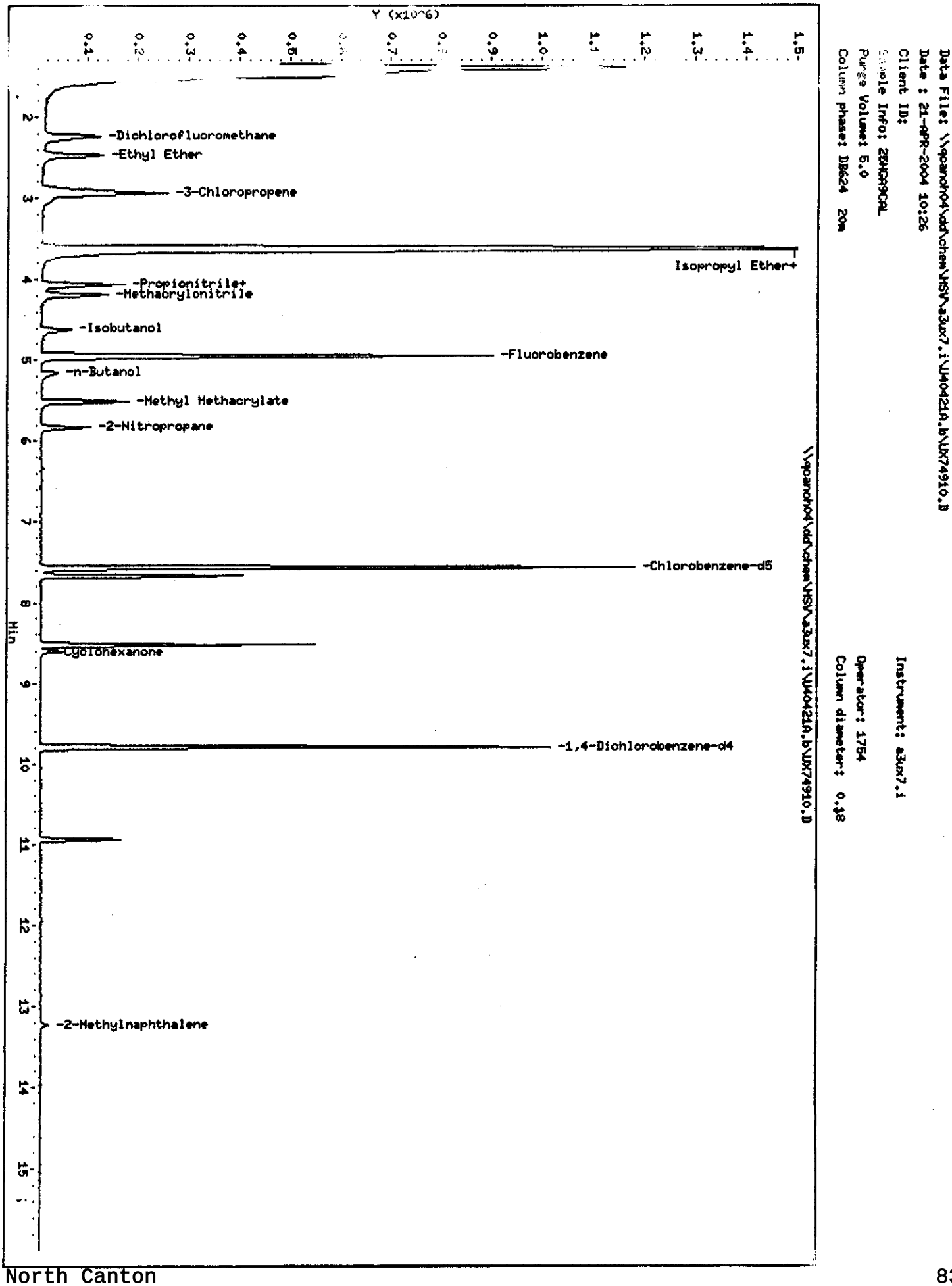
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS 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...h04\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: \\qcandh04\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
\\qcandh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74910.D
Y (x10^6)
Min
-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

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)	AMOUNTS 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)	33854	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

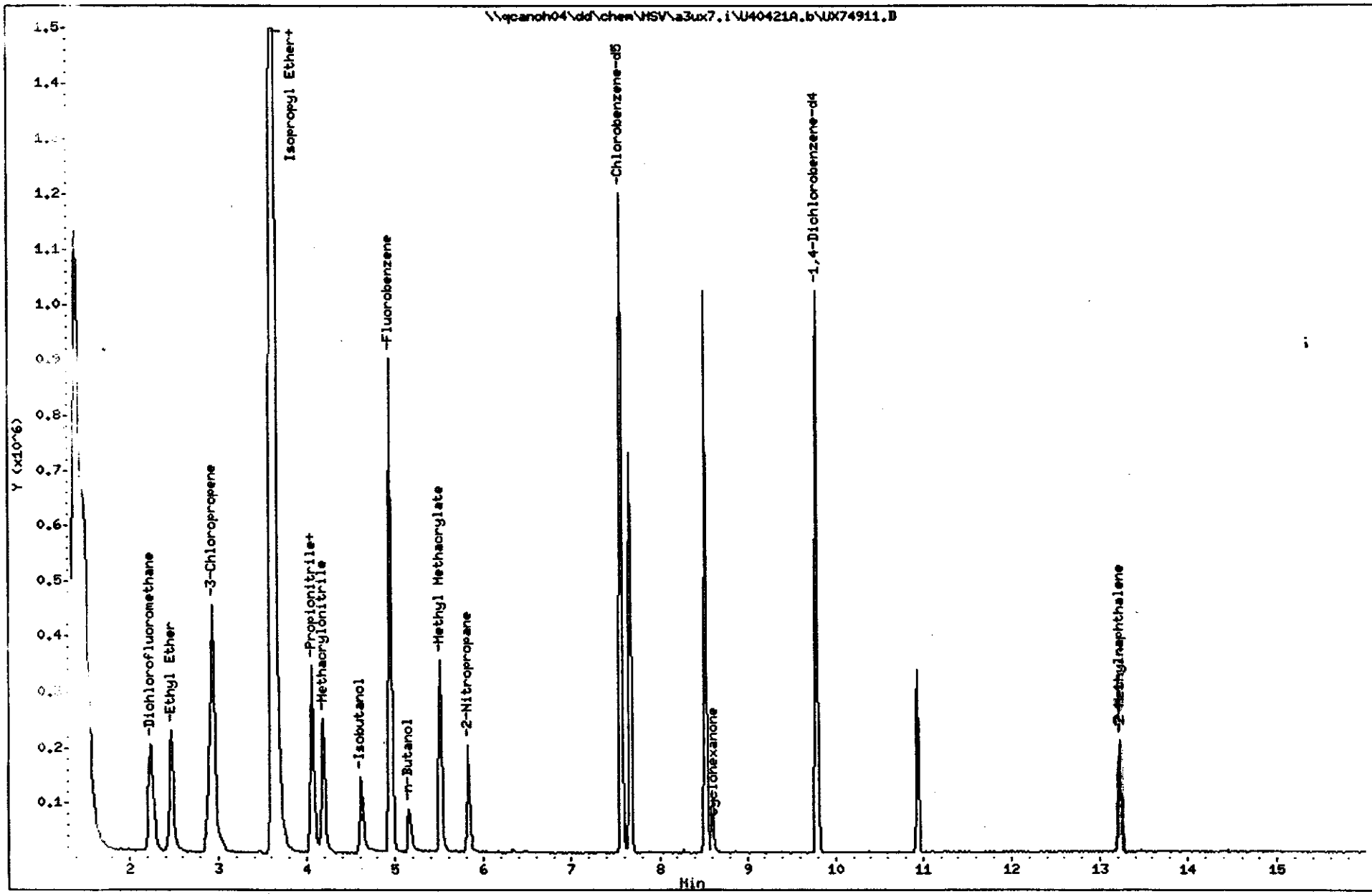
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74910.D
Report Date: 22-Apr-2004 11:26

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)	AMOUNTS 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	476.86(A)
146 2-Methylnaphthalene	142	13.226	13.226	(1.350)	140838	100.000	72.905

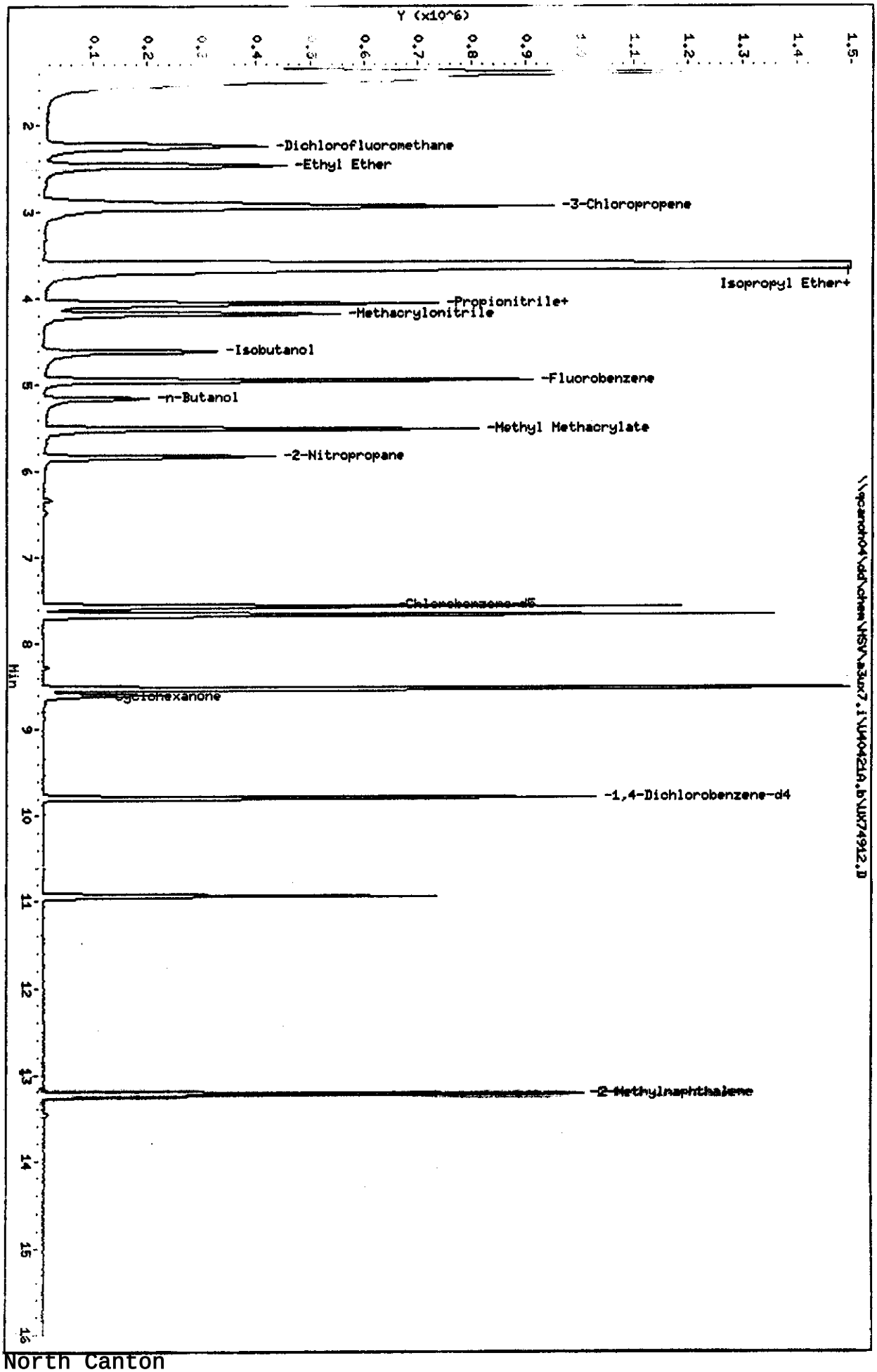
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UA74911.D
Report Date: 22-Apr-2004 11:26

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcandh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74912.D
Date : 21-APR-2004 11:13
Client ID:
Sample Info: 100NG89CAL
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

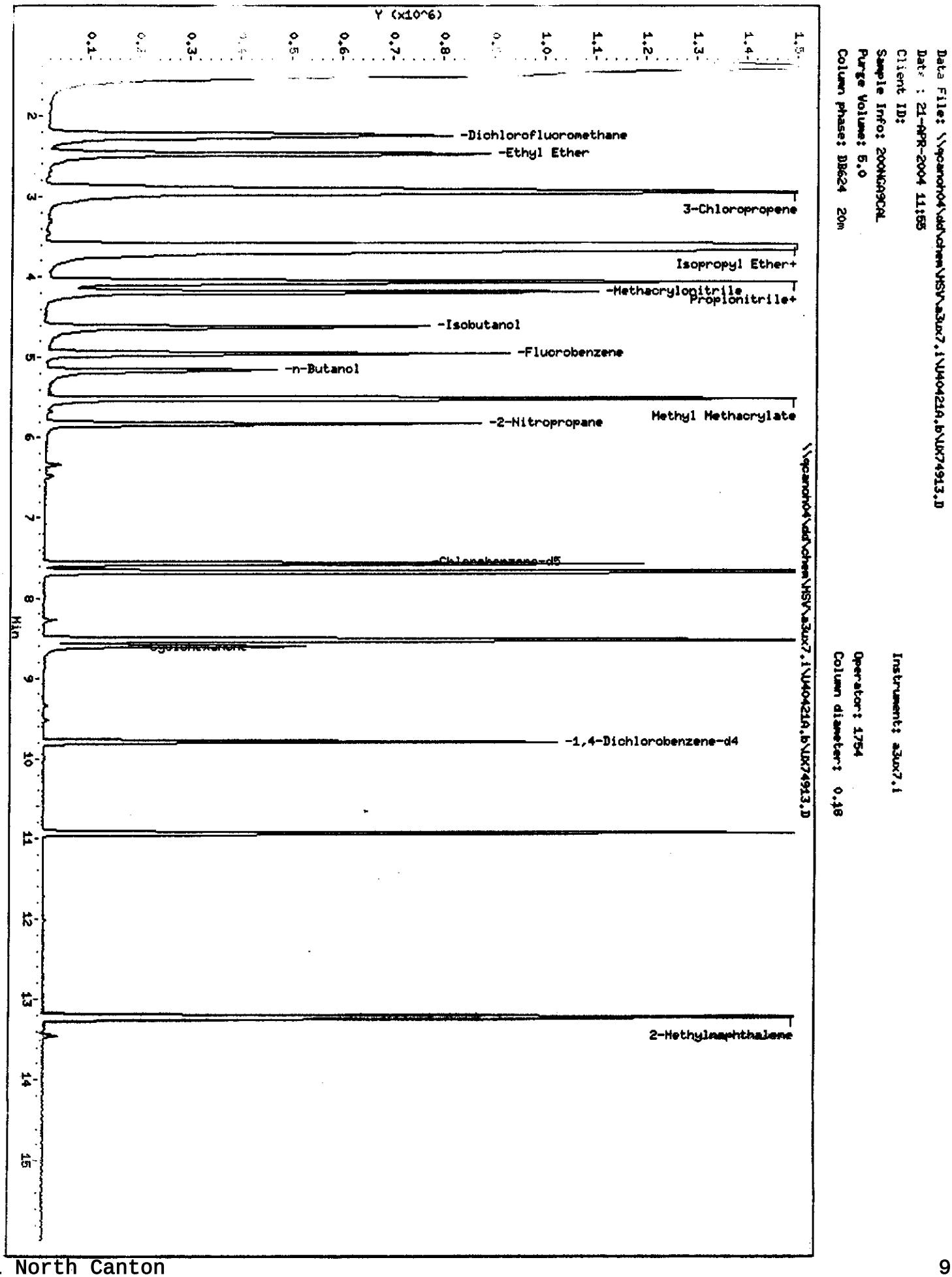
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS 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: \\ccanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74912.D
Report Date: 22-Apr-2004 11:27

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\pcanoh04\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
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.8
0.7
0.6
0.5
0.3
0.1
-Dichlorofluoromethane
-Ethyl Ether
3-Chloropropene
Isopropyl Ether+
-Methacrylonitrile
Propionitrile+
-Isobutanol
-Fluorobenzene
-n-Butanol
Methyl Methacrylate
-2-Nitropropane
\\pcanoh04\dd\chem\HSV\a3ux7.i\U40421A.b\UX74913.D
Chlorobenzene-d5
Cyclohexanone
-1,4-Dichlorobenzene-d4
2-Methylnaphthalene
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15

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)	AMOUNTS 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	6.599	6.599	(0.878)	270558	2000.00	2368.2(A)
146 2-Methylnaphthalene	142	13.225	13.225	(1.350)	1920176	400.000	399.13

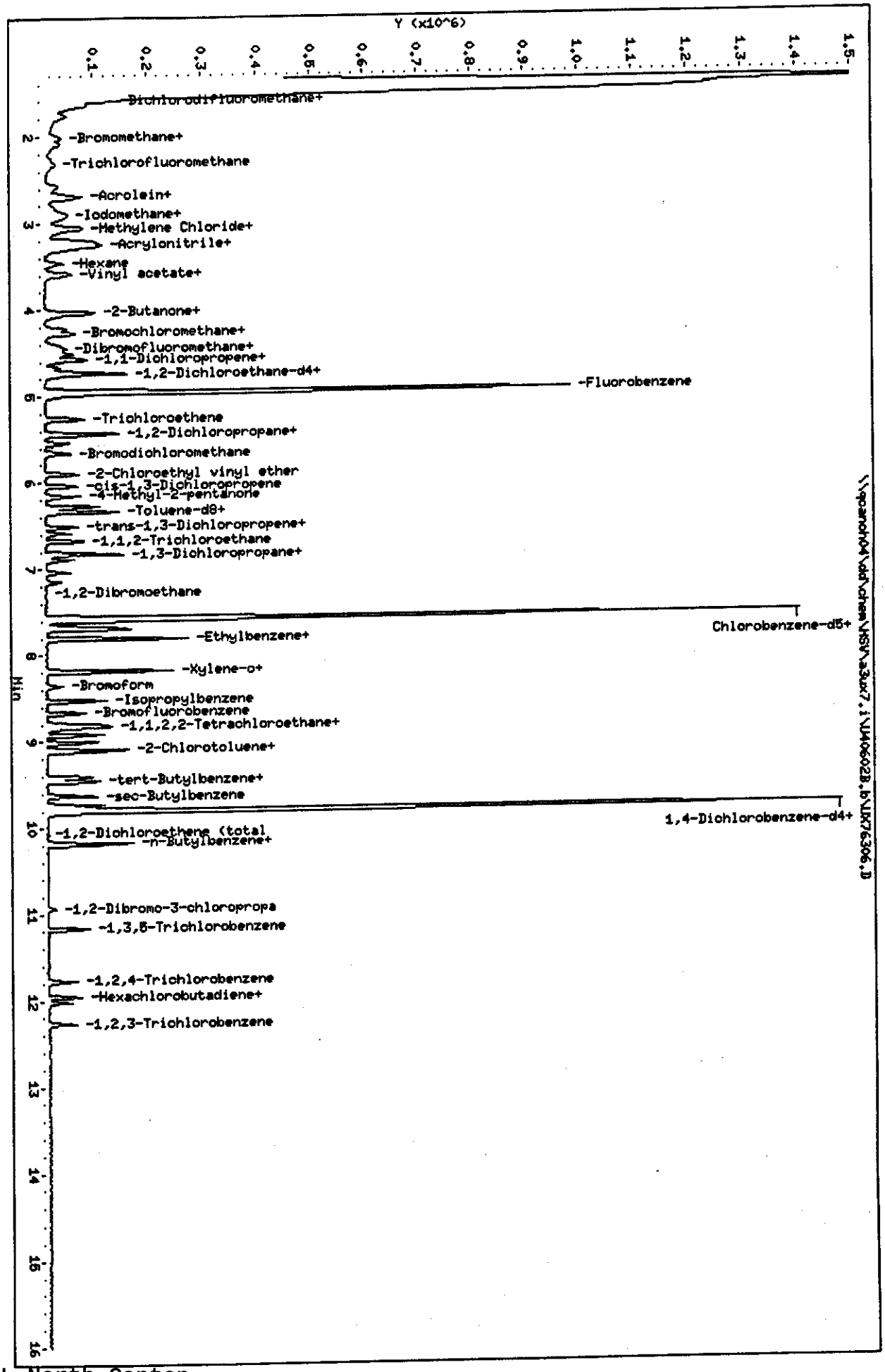
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40421A.b\UX74913.D
Report Date: 22-Apr-2004 11:28

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcandh04\dd\chem\HSV\a3ux7.i\U406028.b\UX76306.D
Date : 02-JUN-2004 12:14
Client ID:
Sample Info: 5.0NG826OCAL
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\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
Operator : 1754 Inst ID: a3ux7.i
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
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)	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

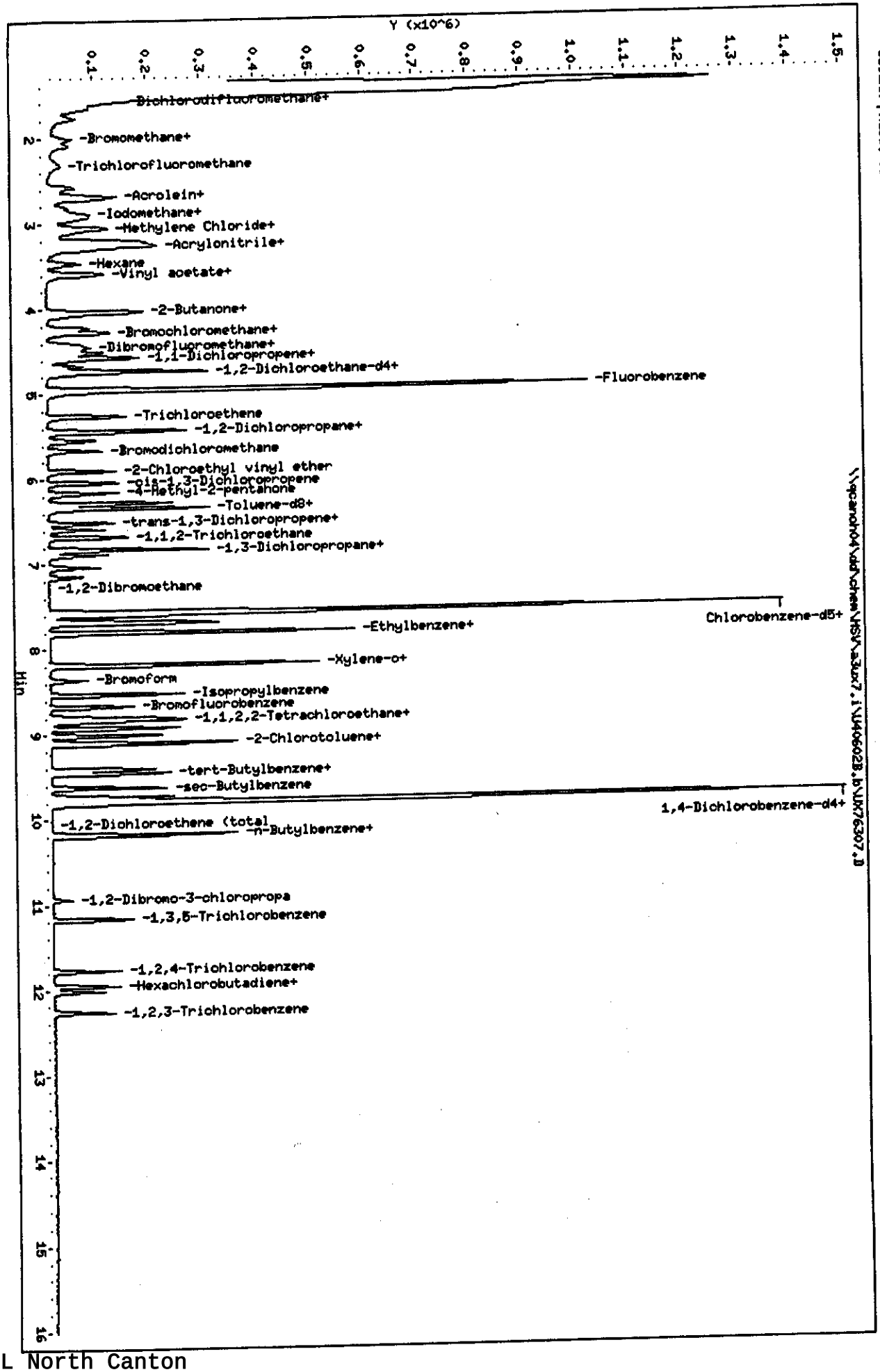
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.359	8.359	(1.105)	17879	5.00000	4.638
67 Isopropylbenzene	105	8.525	8.525	(1.127)	81431	5.00000	4.152
68 1,1,2,2-Tetrachloroethane	83	8.797	8.797	(0.898)	38537	5.00000	5.384
69 1,4-Dichloro-2-butene	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: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406028.b\UX76307.D
Date : 02-JUN-2004 12:38
Client ID:
Sample Info: 10N68260CAL
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
Operator : 1754 Inst ID: a3ux7.i
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

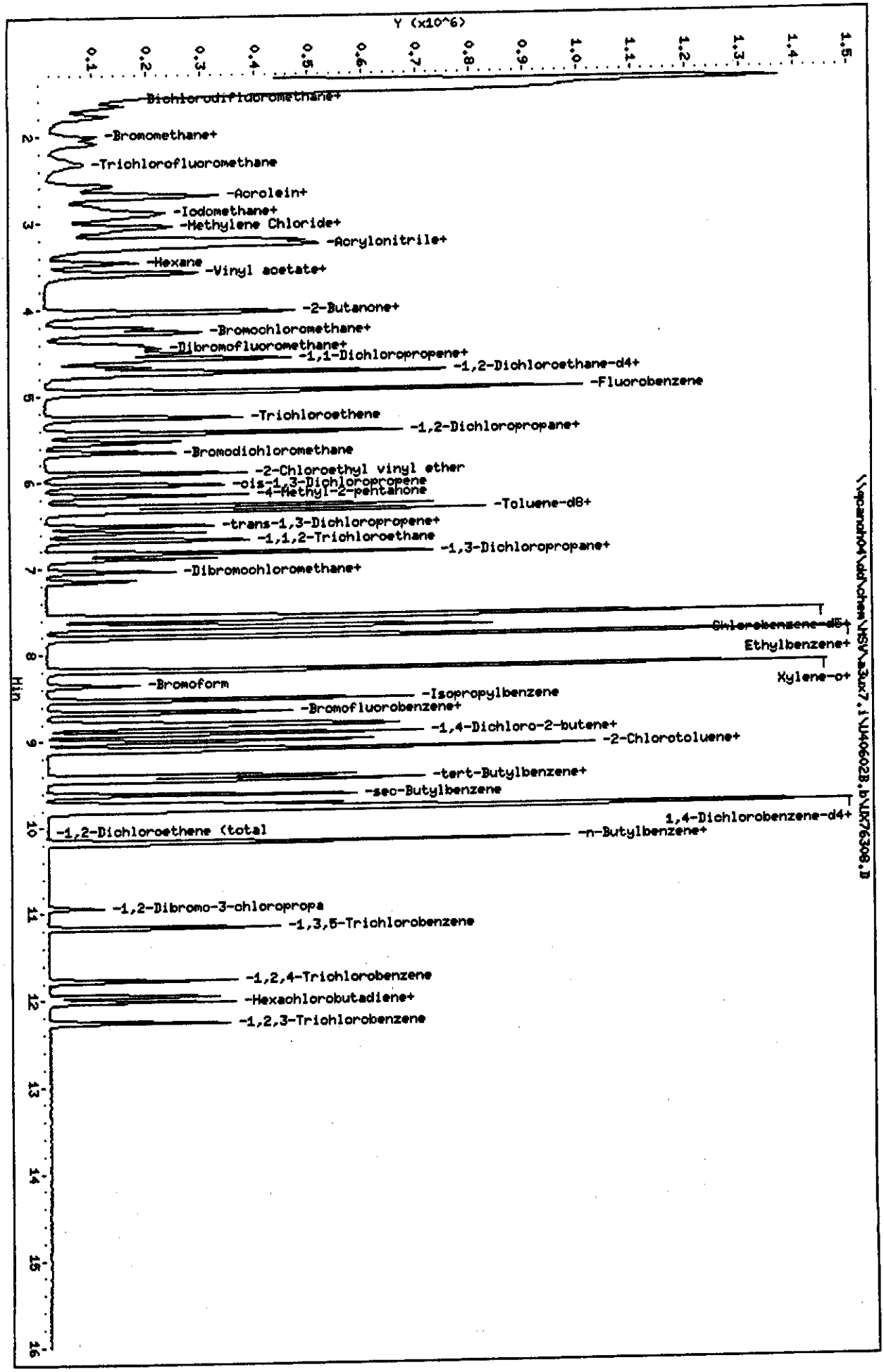
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.359	8.359	(1.105)	39331	10.0000	10.163
67 Isopropylbenzene	105	8.525	8.525	(1.127)	175272	10.0000	8.900
68 1,1,2,2-Tetrachloroethane	83	8.785	8.785	(0.897)	74447	10.0000	10.193
69 1,4-Dichloro-2-butene	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: \\qcanon04\dd\chem\HSV\a3ux7.i\U406028.b\UX76308.D
Date : 02-JUN-2004 13:01
Client ID:
Sample Info: 25NG8260C4L
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\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
Operator : 1754 Inst ID: a3ux7.i
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)	AMOUNTS 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

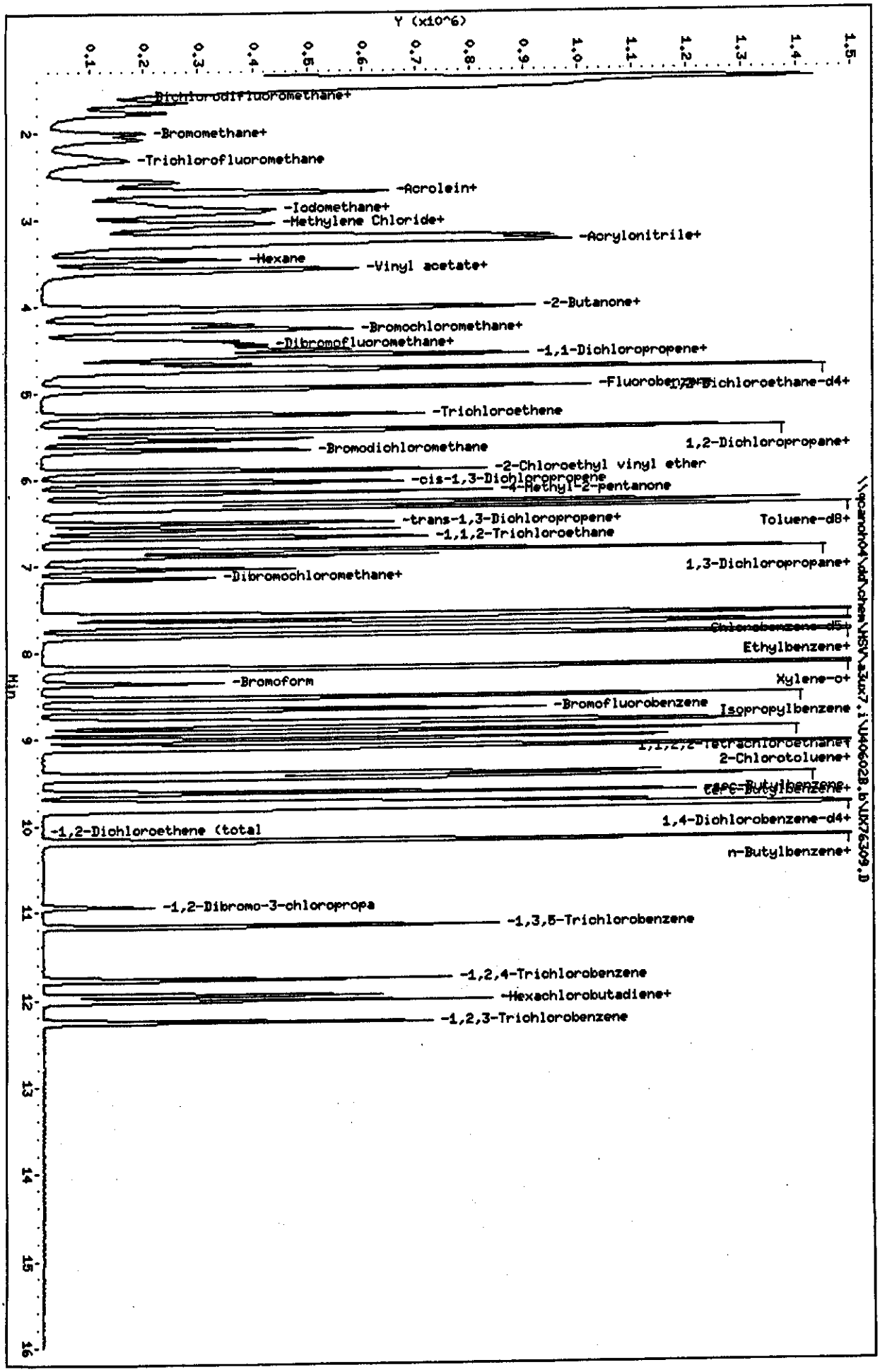
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.823	2.823	(0.570)	220653	25.0000	25.070
	20 Carbon Disulfide	76	2.882	2.882	(0.582)	514700	25.0000	25.197
	21 Methylene Chloride	84	3.047	3.047	(0.615)	199121	25.0000	24.828
	22 Acetonitrile	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: \\qcanch04\dd\chem\HSV.a3ux7.i\U406028.b\UX76309.D
Date : 02-JUN-2004 13:25
Client ID:
Sample Info: 50NG8260CAL
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
-trans-1,3-Dichloropropene+
Toluene-d8+
-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
Operator : 1754 Inst ID: a3ux7.i
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

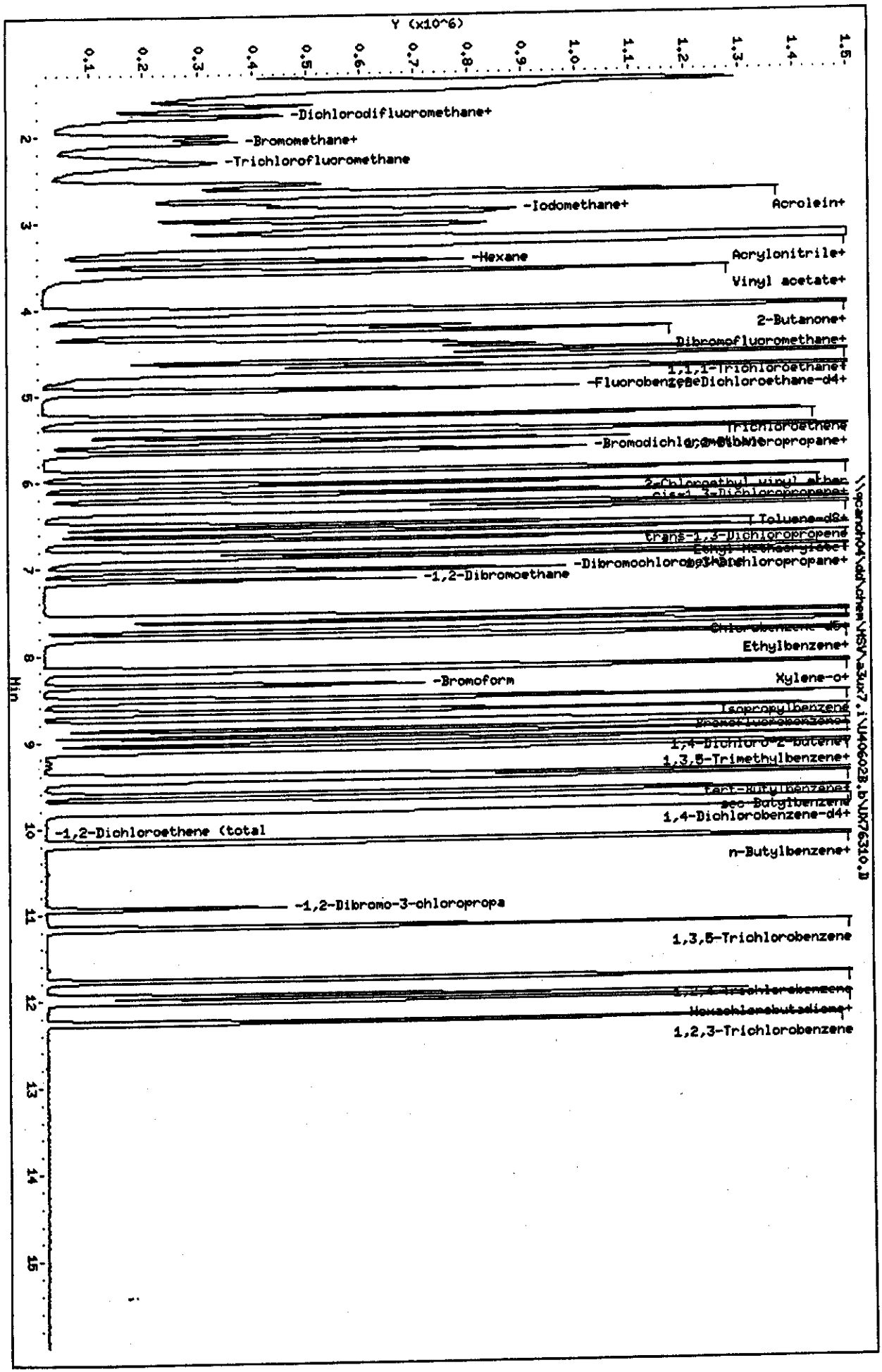
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.360	8.360	(1.105)	192043	50.0000	49.421
67 Isopropylbenzene	105	8.525	8.525	(1.127)	1015730	50.0000	51.367
68 1,1,2,2-Tetrachloroethane	83	8.797	8.797	(0.898)	370452	50.0000	49.046
69 1,4-Dichloro-2-butene	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: \\qpanch04\dd\chem\HSV\a3ux7.i\U406028.b\UX76310.D
Date : 02-JUN-2004 13:48
Client ID:
Sample Info: 100NG8260CAL
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\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
Operator : 1754 Inst ID: a3ux7.i
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
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	4.954	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

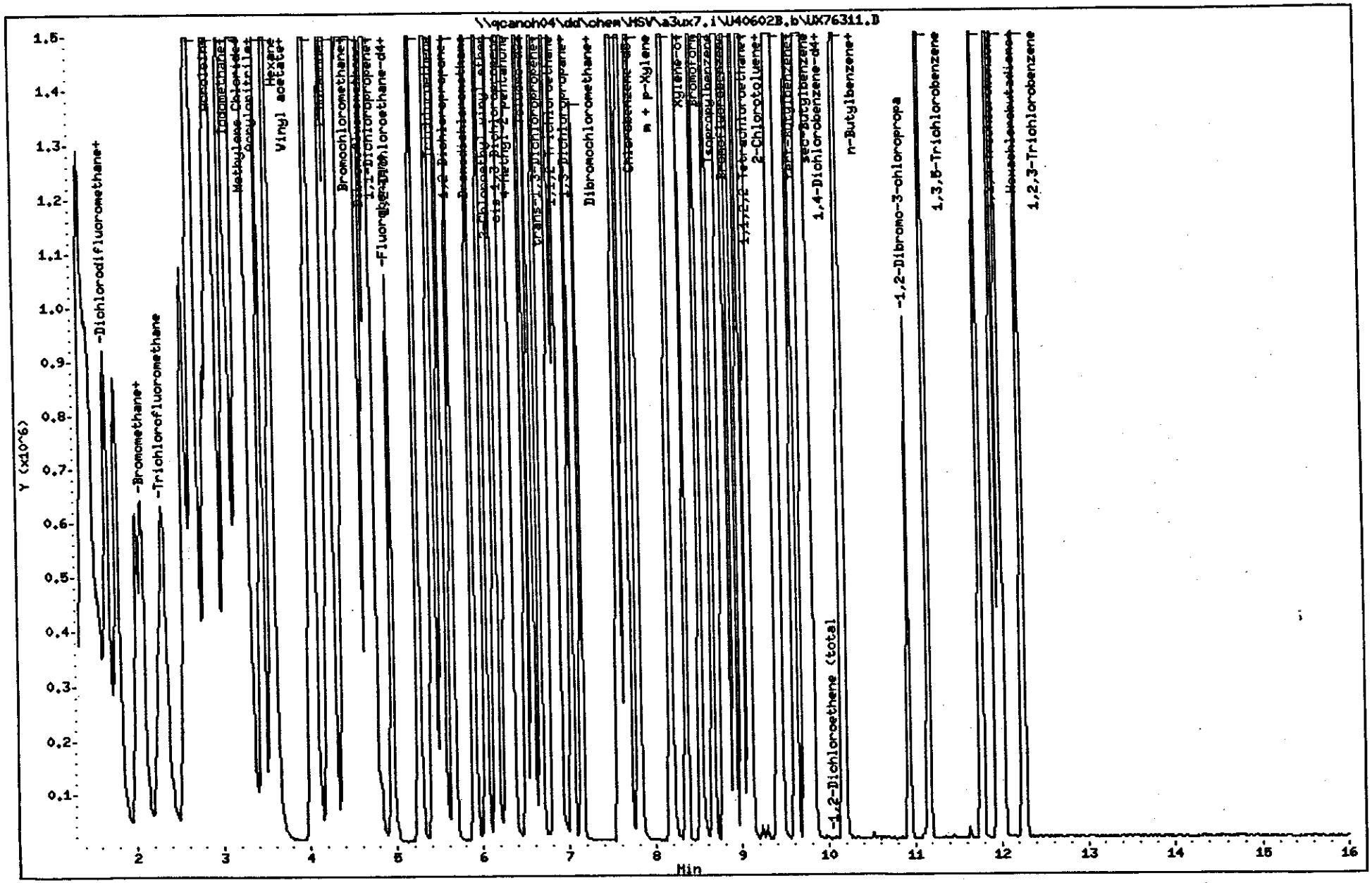
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.362	8.362	(1.105)	405605	100.000	101.59
67 Isopropylbenzene	105	8.528	8.528	(1.127)	2272594	100.000	111.86
68 1,1,2,2-Tetrachloroethane	83	8.788	8.788	(0.897)	753361	100.000	96.603
69 1,4-Dichloro-2-butene	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\HSV\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
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)	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:
Sample Matrix: LIQUID
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: plexus-ck.spk
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

Client SDG: SDGa00164
Fraction: VOA

Operator: 1754
SampleType: METHSPIKE
Quant Type: ISTD

	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

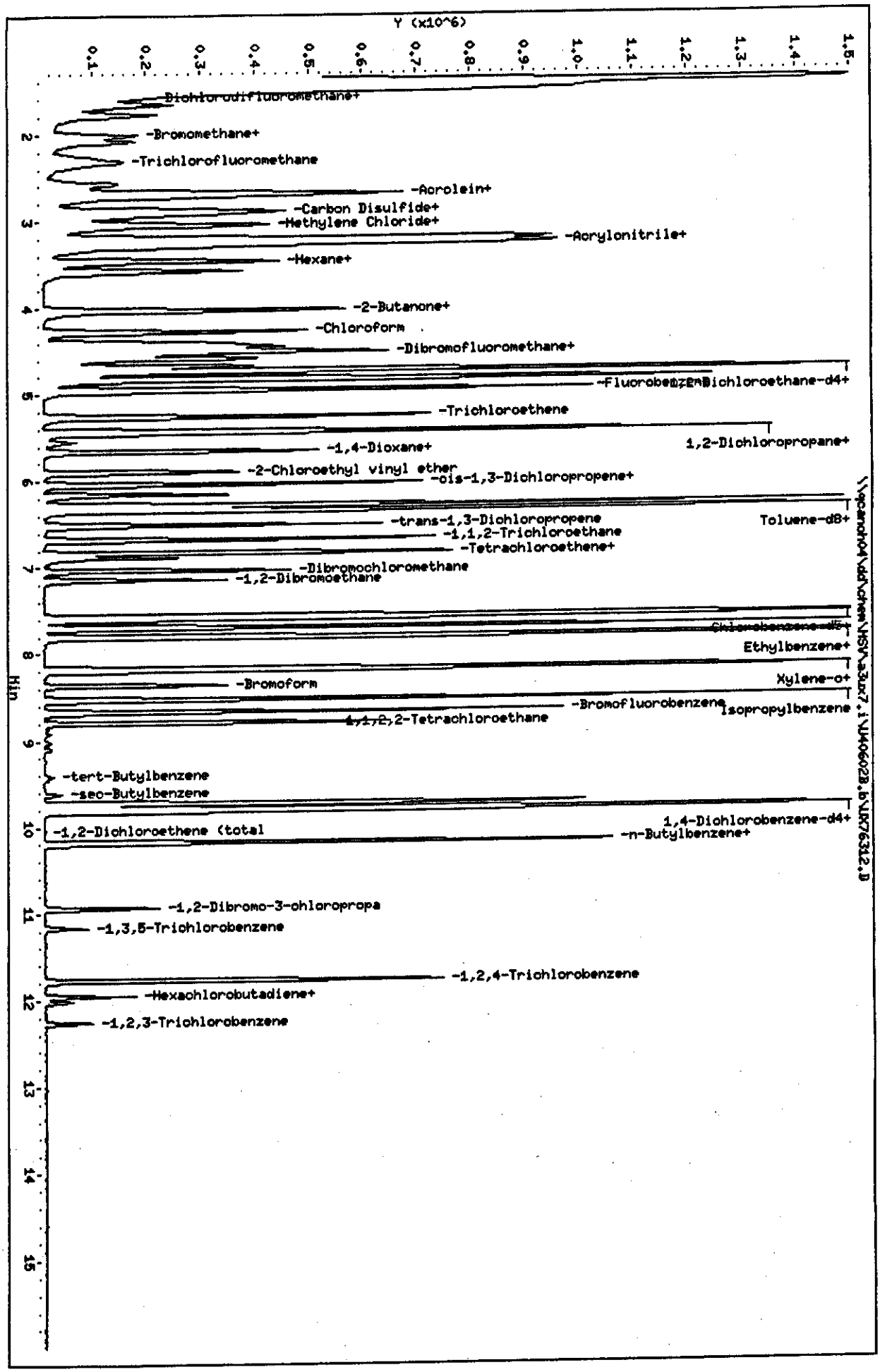
Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40602B.b\UX76312.D
Report Date: 02-Jun-2004 15:35

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: \\qcandh04\dd\chem\HSV\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



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)	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)	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)	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: 30-Jun-2004 08:38

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.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

29-JUN-2004 07:59	1-8260	UX77207.D
29-JUN-2004 07:36	3-IX	UX77206.D

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 29-Jun-2004 08:30

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC

Injection Date: 29-JUN-2004 07:59
Init. Cal. Date(s): 20-APR-2004 02-JUN-2004
Init. Cal. Times: 14:54 14:12
Quant Type: ISTD
Method: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.22563	0.20781	0.010	-7.9	50.0
$	5 1,2-Dichloroethane-d4	0.31070	0.33326	0.010	7.3	50.0
$	6 Toluene-d8	1.11279	1.19579	0.010	7.5	50.0
$	7 Bromofluorobenzene	0.38754	0.39719	0.010	2.5	50.0
	8 Dichlorodifluoromethane	0.26574	0.31628	0.010	19.0	50.0
	9 Chloromethane	0.47403	0.48839	0.100	3.0	50.0
	10 Vinyl Chloride	0.41595	0.38304	0.010	-7.9	20.0
	11 Bromomethane	50.00000	42.10709	0.010	15.8	50.0
	12 Chloroethane	0.24906	0.23061	0.010	-7.4	50.0
	13 Trichlorofluoromethane	0.37773	0.41244	0.010	9.2	50.0
	15 Acrolein	0.05588	0.05920	0.010	6.0	50.0
	16 Acetone	100	111	0.010	-11.4	50.0
	17 1,1-Dichloroethene	0.23542	0.22762	0.010	-3.3	20.0
	18 Freon-113	0.16985	0.15591	0.010	-8.2	50.0
	19 Iodomethane	0.38516	0.33379	0.010	-13.3	50.0
	20 Carbon Disulfide	0.89390	0.87830	0.010	-1.7	50.0
	21 Methylene Chloride	50.00000	46.00052	0.010	8.0	50.0
	22 Acetonitrile	0.04030	0.04556	0.010	13.0	50.0
	23 Acrylonitrile	0.12159	0.12960	0.010	6.6	50.0
	24 Methyl tert-butyl ether	0.83222	0.72220	0.010	-13.2	50.0
	25 trans-1,2-Dichloroethene	0.28113	0.26755	0.010	-4.8	50.0
	26 Hexane	50.00000	45.00437	0.010	10.0	20.0
	27 Vinyl acetate	0.57378	0.63423	0.010	10.5	50.0
	28 1,1-Dichloroethane	0.50756	0.51197	0.100	0.9	50.0
	29 tert-Butyl Alcohol	0.01809	0.01883	0.010	4.1	50.0
	30 2-Butanone	0.18230	0.19421	0.010	6.5	50.0
M	31 1,2-Dichloroethene (total)	0.28361	0.27167	0.010	-4.2	50.0
	32 cis-1,2-dichloroethene	0.28609	0.27580	0.010	-3.6	50.0
	33 2,2-Dichloropropane	0.32068	0.35599	0.010	11.0	50.0
	34 Bromochloromethane	0.14155	0.12783	0.010	-9.7	50.0
	35 Chloroform	0.47624	0.48342	0.010	1.5	20.0
	36 Tetrahydrofuran	0.07595	0.08086	0.010	6.5	50.0
	37 1,1,1-Trichloroethane	0.38963	0.40414	0.010	3.7	50.0
	38 1,1-Dichloropropene	0.34871	0.35719	0.010	2.4	50.0
	39 Carbon Tetrachloride	0.31958	0.32973	0.010	3.2	50.0
	40 1,2-Dichloroethane	0.38149	0.42329	0.010	11.0	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 29-Jun-2004 08:30

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m

Injection Date: 29-JUN-2004 07:59
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	1.15018	0.010	-2.7	50.0	
	42 Trichloroethene	0.27908	0.24787	0.010	-11.2	50.0	
	43 1,2-Dichloropropane	0.29306	0.29706	0.010	1.4	20.0	
	44 1,4-Dioxane	0.00235	0.00230	0.010	-2.3	50.0	<-
	45 Dibromomethane	0.15907	0.15910	0.010	0.0	50.0	
	46 Bromodichloromethane	0.36223	0.36654	0.010	1.2	50.0	
	47 2-Chloroethyl vinyl ether	0.16458	0.15078	0.010	-8.4	50.0	
	48 cis-1,3-Dichloropropene	0.42547	0.40991	0.010	-3.7	50.0	
	49 4-Methyl-2-pentanone	0.27374	0.30267	0.010	10.6	50.0	
	50 Toluene	1.42264	1.58749	0.010	11.6	20.0	
	51 trans-1,3-Dichloropropene	0.45779	0.52037	0.010	13.7	50.0	
	52 Ethyl Methacrylate	0.41398	0.47018	0.010	13.6	50.0	
	53 1,1,2-Trichloroethane	0.30795	0.32775	0.010	6.4	50.0	
	54 1,3-Dichloropropane	0.55092	0.62268	0.010	13.0	50.0	
	55 Tetrachloroethene	0.24633	0.23278	0.010	-5.5	50.0	
	56 2-Hexanone	0.28461	0.35607	0.010	25.1	50.0	
	57 Dibromochloromethane	0.31765	0.32361	0.010	1.9	50.0	
	58 1,2-Dibromoethane	0.29439	0.31419	0.010	6.7	50.0	
	59 Chlorobenzene	0.89005	0.93415	0.300	5.0	50.0	
	60 1,1,1,2-Tetrachloroethane	0.31828	0.33557	0.010	5.4	50.0	
	61 Ethylbenzene	0.43716	0.47741	0.010	9.2	20.0	
	62 m + p-Xylene	0.54733	0.62213	0.010	13.7	50.0	
M	63 Xylenes (total)	0.53906	0.60764	0.010	12.7	50.0	
	64 Xylene-o	0.52250	0.57868	0.010	10.8	50.0	
	65 Styrene	0.93969	1.04637	0.010	11.4	50.0	
	66 Bromoform	0.21181	0.18368	0.100	-13.3	50.0	
	67 Isopropylbenzene	1.07783	1.17323	0.010	8.9	50.0	
	68 1,1,2,2-Tetrachloroethane	0.80402	0.97831	0.300	21.7	50.0	
	69 1,4-Dichloro-2-butene	0.21217	0.25992	0.010	22.5	50.0	
	70 1,2,3-Trichloropropane	0.25798	0.31134	0.010	20.7	50.0	
	71 Bromobenzene	0.71933	0.77304	0.010	7.5	50.0	
	72 n-Propylbenzene	0.58191	0.73693	0.010	26.6	50.0	
	73 2-Chlorotoluene	0.58074	0.72288	0.010	24.5	50.0	
	74 1,3,5-Trimethylbenzene	1.82667	2.39073	0.010	30.9	50.0	
	75 4-Chlorotoluene	0.61309	0.77283	0.010	26.1	50.0	
	76 tert-Butylbenzene	1.41362	1.75809	0.010	24.4	50.0	

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 29-Jun-2004 08:30

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m

Injection Date: 29-JUN-2004 07:59
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
77 1,2,4-Trimethylbenzene	1.91286	2.52214	0.010	31.9	50.0
78 sec-Butylbenzene	2.05217	2.57679	0.010	25.6	50.0
79 4-Isopropyltoluene	1.68684	2.11265	0.010	25.2	50.0
80 1,3-Dichlorobenzene	1.20965	1.30217	0.010	7.6	50.0
81 1,4-Dichlorobenzene	1.28508	1.38881	0.010	8.1	50.0
82 n-Butylbenzene	1.47282	1.79486	0.010	21.9	50.0
83 1,2-Dichlorobenzene	1.21929	1.34493	0.010	10.3	50.0
84 1,2-Dibromo-3-chloropropane	0.15302	0.14837	0.010	-3.0	50.0
85 1,2,4-Trichlorobenzene	0.60653	0.52294	0.010	-13.8	50.0
86 Hexachlorobutadiene	0.32049	0.26149	0.010	-18.4	50.0
87 Naphthalene	50.00000	42.94083	0.010	14.1	50.0
88 1,2,3-Trichlorobenzene	0.57778	0.49223	0.010	-14.8	50.0
98 Cyclohexane	0.38043	0.40704	0.010	7.0	50.0
143 Methyl Acetate	0.21830	0.23562	0.010	7.9	50.0
144 Methylcyclohexane	0.28847	0.28570	0.010	-1.0	50.0
141 1,3,5-Trichlorobenzene	0.70222	0.65565	0.010	-6.6	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b/UX77207.D
Report Date: 06/29/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER

Injection Date: 29-JUN-2004 07:59
Lab Sample ID: 50NG-CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0 Chlorobenzene	50.0000	52.4776	5.0	50.0
0 Bromodichloromethane	50.0000	50.5938	1.2	50.0
0 1,1,2,2-Tetrachloroethane	50.0000	60.8385	21.7	50.0
0 Bromoform	50.0000	43.3586	13.3	50.0
0 Styrene	50.0000	55.6760	11.4	50.0
0 Xylene-o	50.0000	55.3760	10.8	50.0
0 Xylenes (total)	150.0000	169.0411	12.7	50.0
0 2-Hexanone	100.0000	125.1081	25.1	50.0
0 Chloromethane	50.0000	51.5144	3.0	50.0
0 Vinyl Chloride	50.0000	46.0446	7.9	20.0
0 Bromomethane	50.0000	42.1071	15.8	50.0
0 Chloroethane	50.0000	46.2973	7.4	50.0
0 1,1-Dichloroethane	50.0000	50.4349	0.9	50.0
0 Tetrachloroethene	50.0000	47.2483	5.5	50.0
0 Acetone	100.0000	111.4017	11.4	50.0
0 1,1-Dichloroethene	50.0000	48.3434	3.3	20.0
0 m + p-Xylene	100.0000	113.6650	13.7	50.0
0 Ethylbenzene	50.0000	54.6044	9.2	20.0
0 Carbon Disulfide	50.0000	49.1276	1.7	50.0
0 Methylene Chloride	50.0000	46.0005	8.0	50.0
0 1,2-Dichloropropane	50.0000	50.6837	1.4	20.0
0 1,1,2-Trichloroethane	50.0000	53.2144	6.4	50.0
0 Dibromochloromethane	50.0000	50.9376	1.9	50.0
0 trans-1,2-Dichloroethene	50.0000	47.5843	4.8	50.0
0 trans-1,3-Dichloropropene	50.0000	56.8351	13.7	50.0
0 cis-1,3-Dichloropropene	50.0000	48.1720	3.7	50.0
0 Chloroform	50.0000	50.7539	1.5	20.0
0 Toluene	50.0000	55.7938	11.6	20.0
0 2-Butanone	100.0000	106.5337	6.5	50.0
0 1,2-Dichloroethene (total)	100.0000	95.7857	4.2	50.0
0 cis-1,2-dichloroethene	50.0000	48.2014	3.6	50.0
0 4-Methyl-2-pentanone	100.0000	110.5656	10.6	50.0
0 1,2-Dichloroethane	50.0000	55.4783	11.0	50.0
0 Trichloroethene	50.0000	44.4077	11.2	50.0
0 1,1,1-Trichloroethane	50.0000	51.8626	3.7	50.0
0 Carbon Tetrachloride	50.0000	51.5878	3.2	50.0
0 Benzene	50.0000	48.6291	2.7	50.0
38 Dichlorodifluoromethane	50.0000	59.5092	19.0	50.0
39 Trichlorofluoromethane	50.0000	54.5956	9.2	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b/UX77207.D
Report Date: 06/29/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER

Injection Date: 29-JUN-2004 07:59
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	529.7515	6.0	50.0
41 Acrylonitrile	500.0000	532.9583	6.6	50.0
42 Vinyl acetate	50.0000	55.2671	10.5	50.0
43 2-Chloroethyl vinyl ether	100.0000	91.6135	8.4	50.0
47 Freon-113	50.0000	45.8947	8.2	50.0
48 1,3-Dichlorobenzene	50.0000	53.8239	7.6	50.0
49 1,4-Dichlorobenzene	50.0000	54.0358	8.1	50.0
50 1,2-Dichlorobenzene	50.0000	55.1519	10.3	50.0
51 Acetonitrile	500.0000	565.2323	13.0	50.0
52 Iodomethane	50.0000	43.3311	13.3	50.0
59 1,4-Dioxane	2500.0000	2443.3894	2.3	50.0
60 Dibromomethane	50.0000	50.0109	0.0	50.0
62 Ethyl Methacrylate	50.0000	56.7877	13.6	50.0
63 1,2-Dibromoethane	50.0000	53.3627	6.7	50.0
64 1,1,1,2-Tetrachloroethane	50.0000	52.7152	5.4	50.0
65 1,2,3-Trichloropropane	50.0000	60.3429	20.7	50.0
66 1,4-Dichloro-2-butene	50.0000	61.2525	22.5	50.0
69 1,2-Dibromo-3-chloropropane	50.0000	48.4819	3.0	50.0
82 Methyl tert-butyl ether	50.0000	43.3896	13.2	50.0
84 Tetrahydrofuran	50.0000	53.2295	6.5	50.0
98 2,2-Dichloropropane	50.0000	55.5051	11.0	50.0
99 1,1-Dichloropropene	50.0000	51.2167	2.4	50.0
100 1,3-Dichloropropane	50.0000	56.5127	13.0	50.0
102 Bromobenzene	50.0000	53.7335	7.5	50.0
103 2-Chlorotoluene	50.0000	62.2381	24.5	50.0
104 n-Propylbenzene	50.0000	63.3202	26.6	50.0
105 4-Chlorotoluene	50.0000	63.0281	26.1	50.0
106 1,3,5-Trimethylbenzene	50.0000	65.4396	30.9	50.0
107 tert-Butylbenzene	50.0000	62.1838	24.4	50.0
108 1,2,4-Trimethylbenzene	50.0000	65.9259	31.9	50.0
109 sec-Butylbenzene	50.0000	62.7823	25.6	50.0
110 4-Isopropyltoluene	50.0000	62.6213	25.2	50.0
111 n-Butylbenzene	50.0000	60.9326	21.9	50.0
112 1,2,4-Trichlorobenzene	50.0000	43.1089	13.8	50.0
113 Naphthalene	50.0000	42.9408	14.1	50.0
114 Hexachlorobutadiene	50.0000	40.7956	18.4	50.0
115 1,2,3-Trichlorobenzene	50.0000	42.5960	14.8	50.0
124 tert-Butyl Alcohol	1000.0000	1041.0335	4.1	50.0

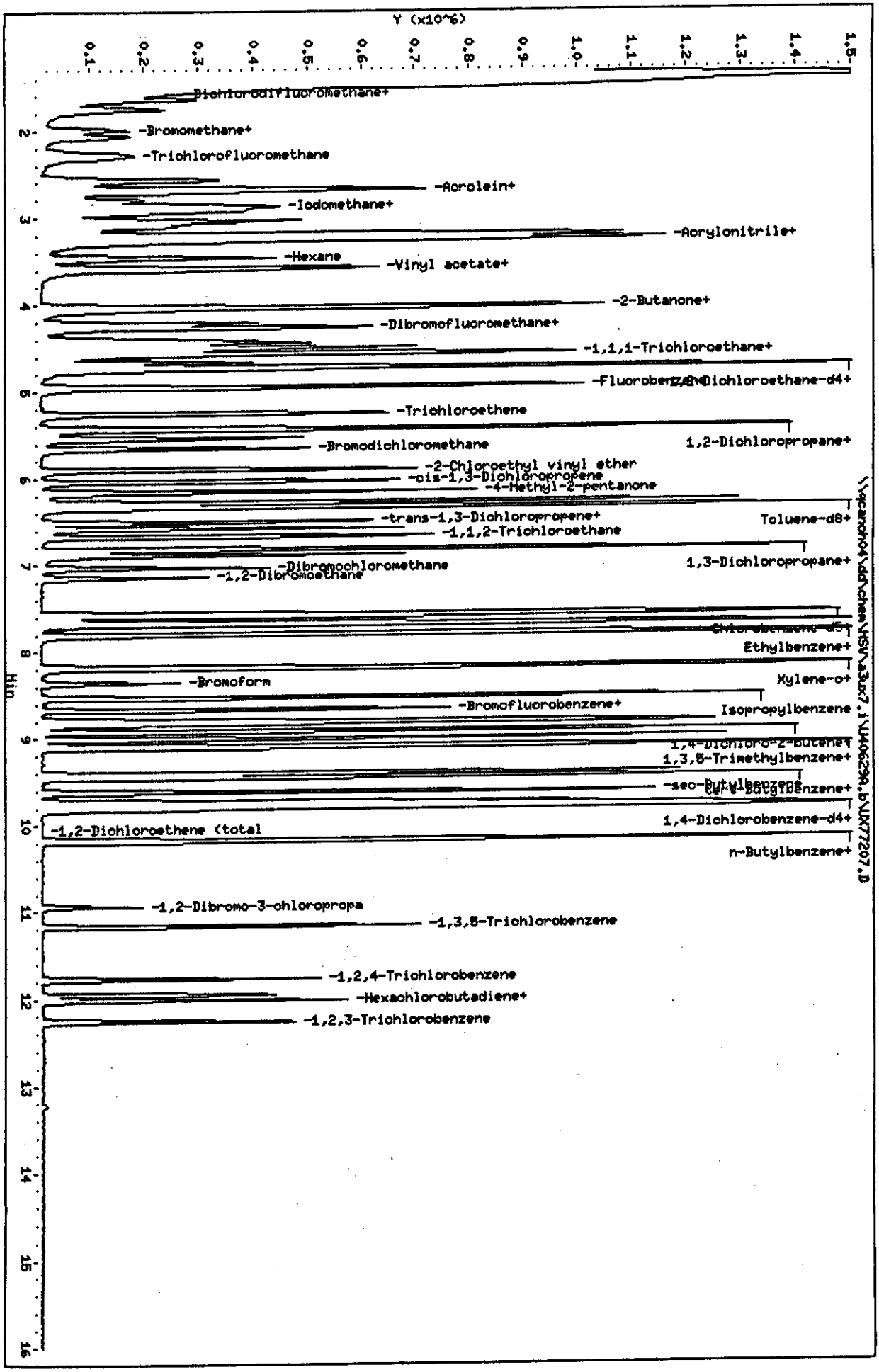
Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b/UX77207.D
Report Date: 06/29/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX77207.D
Analysis Type: WATER

Injection Date: 29-JUN-2004 07:59
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	45.0044	10.0	20.0
127 Cyclohexane	50.0000	53.4973	7.0	50.0
128 Isopropylbenzene	50.0000	54.4258	8.9	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	45.1526	9.7	50.0
141 1,3,5-Trichlorobenzene	50.0000	46.6845	6.6	50.0
143 Methyl Acetate	100.0000	107.9321	7.9	50.0
144 Methylcyclohexane	50.0000	49.5206	1.0	50.0
22 Toluene-d8	50.0000	53.7290	7.5	50.0
32 Bromofluorobenzene	50.0000	51.2451	2.5	50.0
47 1,2-Dichloroethane-d4	50.0000	53.6315	7.3	50.0
131 Dibromofluoromethane	50.0000	46.0518	7.9	50.0


Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406299.b\UX77207.D
Date : 29-JUN-2004 07:59
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 43582
Column diameter: 0.18
Y (x10^6)
Min
Dichlorodifluoromethane+
-Bromomethane+
-Trichlorofluoromethane
-Acrolein+
-Iodomethane+
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Dibromofluoromethane+
-1,1,1-Trichloroethane+
-Fluorobenzene
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+
Toluene-d8+
-1,1,2-Trichloroethane
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
Ethylbenzene+
Xylene-o+
-Bromoform
-Bromofluorobenzene+
Isopropylbenzene
1,4-Dichloro-2-butene+
1,3,5-Trimethylbenzene+
-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
\\qcanoh04\dd\chem\HSV\a3ux7.i\U406299.b\UX77207.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 30-Jun-2004 08:41

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Lab Smp Id: 50NG-CC
Inj Date : 29-JUN-2004 07:59
Operator : 43582 Inst ID: a3ux7.i
Smp Info : 50NG-CC
Misc Info : U40629A,N8260UX7-3,1-8260.SUB,43582,2
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 30-Jun-2004 08:41 evansl 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: 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	4.952	4.952	(1.000)	1084281	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	774074	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	344963	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	225328	50.0000	46.052
$ 5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	361350	50.0000	53.632
$ 6 Toluene-d8	98	6.277	6.277	(0.830)	925626	50.0000	53.729
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	307457	50.0000	51.245
8 Dichlorodifluoromethane	85	1.580	1.580	(0.319)	342939	50.0000	59.509
9 Chloromethane	50	1.639	1.639	(0.331)	529553	50.0000	51.514
10 Vinyl Chloride	62	1.745	1.745	(0.353)	415324	50.0000	46.044
11 Bromomethane	94	1.994	1.994	(0.403)	203638	50.0000	42.107
12 Chloroethane	64	2.065	2.065	(0.417)	250049	50.0000	46.297
13 Trichlorofluoromethane	101	2.302	2.302	(0.465)	447204	50.0000	54.596
15 Acrolein	56	2.574	2.574	(0.520)	641919	500.000	529.75
16 Acetone	43	2.680	2.680	(0.541)	365276	100.000	111.40
17 1,1-Dichloroethene	96	2.680	2.680	(0.541)	246808	50.0000	48.343
18 Freon-113	151	2.692	2.692	(0.544)	169045	50.0000	45.895

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 30-Jun-2004 08:41

	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)	361918	50.0000	43.331
	20 Carbon Disulfide	76	2.870	2.870	(0.580)	952326	50.0000	49.128
	21 Methylene Chloride	84	3.035	3.035	(0.613)	321093	50.0000	46.000
	22 Acetonitrile	41	2.905	2.905	(0.587)	493960	500.000	565.23
	23 Acrylonitrile	53	3.201	3.201	(0.646)	1405248	500.000	532.96
	24 Methyl tert-butyl ether	73	3.248	3.248	(0.656)	783066	50.0000	43.390
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	290098	50.0000	47.584
	26 Hexane	86	3.461	3.461	(0.699)	44690	50.0000	45.004
	27 Vinyl acetate	43	3.591	3.591	(0.725)	687681	50.0000	55.267
	28 1,1-Dichloroethane	63	3.568	3.568	(0.720)	555122	50.0000	50.435
	29 tert-Butyl Alcohol	59	3.106	3.106	(0.627)	408413	1000.00	1041.0(A)
	30 2-Butanone	43	4.017	4.017	(0.811)	421162	100.000	106.53
M	31 1,2-Dichloroethene (total)	96				589142	100.000	95.785
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	299044	50.0000	48.201
	33 2,2-Dichloropropane	77	4.041	4.041	(0.816)	385996	50.0000	55.505
	34 Bromochloromethane	128	4.219	4.219	(0.852)	138601	50.0000	45.152
	35 Chloroform	83	4.266	4.266	(0.861)	524161	50.0000	50.754
	36 Tetrahydrofuran	42	4.254	4.254	(0.859)	87671	50.0000	53.229
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	438205	50.0000	51.862
	38 1,1-Dichloropropene	75	4.562	4.562	(0.921)	387296	50.0000	51.217
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	357517	50.0000	51.588
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	458965	50.0000	55.478
	41 Benzene	78	4.727	4.727	(0.955)	1247123	50.0000	48.629
	42 Trichloroethene	130	5.260	5.260	(1.062)	268758	50.0000	44.408
	43 1,2-Dichloropropane	63	5.425	5.425	(1.096)	322101	50.0000	50.684
	44 1,4-Dioxane	88	5.532	5.532	(1.117)	124586	2500.00	2443.4(A)
	45 Dibromomethane	93	5.532	5.532	(1.117)	172514	50.0000	50.011
	46 Bromodichloromethane	83	5.650	5.650	(1.141)	397428	50.0000	50.594
	47 2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	326967	100.000	91.613
	48 cis-1,3-Dichloropropene	75	6.029	6.029	(1.217)	444460	50.0000	48.172
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	656350	100.000	110.56
	50 Toluene	91	6.337	6.337	(0.837)	1228836	50.0000	55.794
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	402808	50.0000	56.835
	52 Ethyl Methacrylate	69	6.585	6.585	(0.870)	363951	50.0000	56.788
	53 1,1,2-Trichloroethane	97	6.668	6.668	(0.881)	253705	50.0000	53.214
	54 1,3-Dichloropropane	76	6.822	6.822	(0.901)	482001	50.0000	56.513
	55 Tetrachloroethene	164	6.834	6.834	(0.903)	180185	50.0000	47.248
	56 2-Hexanone	43	6.893	6.893	(0.911)	551247	100.000	125.11
	57 Dibromochloromethane	129	7.035	7.035	(0.930)	250498	50.0000	50.938
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	243203	50.0000	53.363
	59 Chlorobenzene	112	7.591	7.591	(1.003)	723101	50.0000	52.478
	60 1,1,1,2-Tetrachloroethane	131	7.662	7.662	(1.013)	259753	50.0000	52.715
	61 Ethylbenzene	106	7.697	7.697	(1.017)	369552	50.0000	54.604
	62 m + p-Xylene	106	7.804	7.804	(1.031)	963146	100.000	113.66
M	63 Xylenes (total)	106				1411085	150.000	169.04
	64 Xylene-o	106	8.171	8.171	(1.080)	447939	50.0000	55.376
	65 Styrene	104	8.183	8.183	(1.081)	809965	50.0000	55.676

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77207.D
Report Date: 30-Jun-2004 08:41

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)	142178	50.0000	43.359
67 Isopropylbenzene	105	8.526	8.526	(1.127)	908168	50.0000	54.426
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	337480	50.0000	60.838
69 1,4-Dichloro-2-butene	53	8.845	8.845	(0.903)	89661	50.0000	61.252
70 1,2,3-Trichloropropane	110	8.833	8.833	(0.902)	107402	50.0000	60.343
71 Bromobenzene	156	8.821	8.821	(0.901)	266669	50.0000	53.733
72 n-Propylbenzene	120	8.916	8.916	(0.911)	254214	50.0000	63.320
73 2-Chlorotoluene	126	8.999	8.999	(0.919)	249366	50.0000	62.238
74 1,3,5-Trimethylbenzene	105	9.082	9.082	(0.927)	824713	50.0000	65.440
75 4-Chlorotoluene	126	9.105	9.105	(0.930)	266598	50.0000	63.028
76 tert-Butylbenzene	119	9.401	9.401	(0.960)	606477	50.0000	62.184
77 1,2,4-Trimethylbenzene	105	9.449	9.449	(0.965)	870046	50.0000	65.926
78 sec-Butylbenzene	105	9.614	9.614	(0.982)	888899	50.0000	62.782
79 4-Isopropyltoluene	119	9.756	9.756	(0.996)	728785	50.0000	62.621
80 1,3-Dichlorobenzene	146	9.733	9.733	(0.994)	449199	50.0000	53.824
81 1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	479088	50.0000	54.036
82 n-Butylbenzene	91	10.159	10.159	(1.037)	619159	50.0000	60.933
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	463950	50.0000	55.152
84 1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	51182	50.0000	48.482
85 1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	180394	50.0000	43.109
86 Hexachlorobutadiene	225	11.957	11.957	(1.221)	90206	50.0000	40.796
87 Naphthalene	128	12.016	12.016	(1.227)	502633	50.0000	42.941
88 1,2,3-Trichlorobenzene	180	12.265	12.265	(1.253)	169799	50.0000	42.596
98 Cyclohexane	56	4.503	4.503	(0.909)	441342	50.0000	53.497
143 Methyl Acetate	43	2.929	2.929	(0.591)	510953	100.000	107.93
144 Methylcyclohexane	83	5.437	5.437	(1.098)	309779	50.0000	49.520
141 1,3,5-Trichlorobenzene	180	11.164	11.164	(1.140)	226176	50.0000	46.684

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\UX77206.D
Report Date: 29-Jun-2004 08:07

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux7.i
Lab File ID: UX77206.D
Analysis Type: WATER
Lab Sample ID: 50NG-A9CC
Method: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m

Injection Date: 29-JUN-2004 07:36
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	
14 Dichlorofluoromethane	0.47191	0.31052	0.010	-34.2	50.0	
89 Ethyl Ether	0.23941	0.18460	0.010	-22.9	50.0	
91 3-Chloropropene	0.13562	0.09090	0.010	-33.0	50.0	
92 Isopropyl Ether	0.23496	0.21121	0.010	-10.1	50.0	
93 2-Chloro-1,3-butadiene	0.45636	0.37434	0.010	-18.0	50.0	
94 Propionitrile	0.04105	0.04700	0.010	14.5	50.0	
95 Ethyl Acetate	0.27636	0.28478	0.010	3.0	50.0	
96 Methacrylonitrile	0.19966	0.18566	0.010	-7.0	50.0	
97 Isobutanol	1000	1730	0.010	-73.0	50.0	<-
99 n-Butanol	1000	1919	0.010	-91.9	50.0	<-
100 Methyl Methacrylate	0.24614	0.24895	0.010	1.1	50.0	
101 2-Nitropropane	0.07868	0.08550	0.010	8.7	50.0	
103 Cyclohexanone	0.01846	0.04218	0.010	128.5	50.0	<-

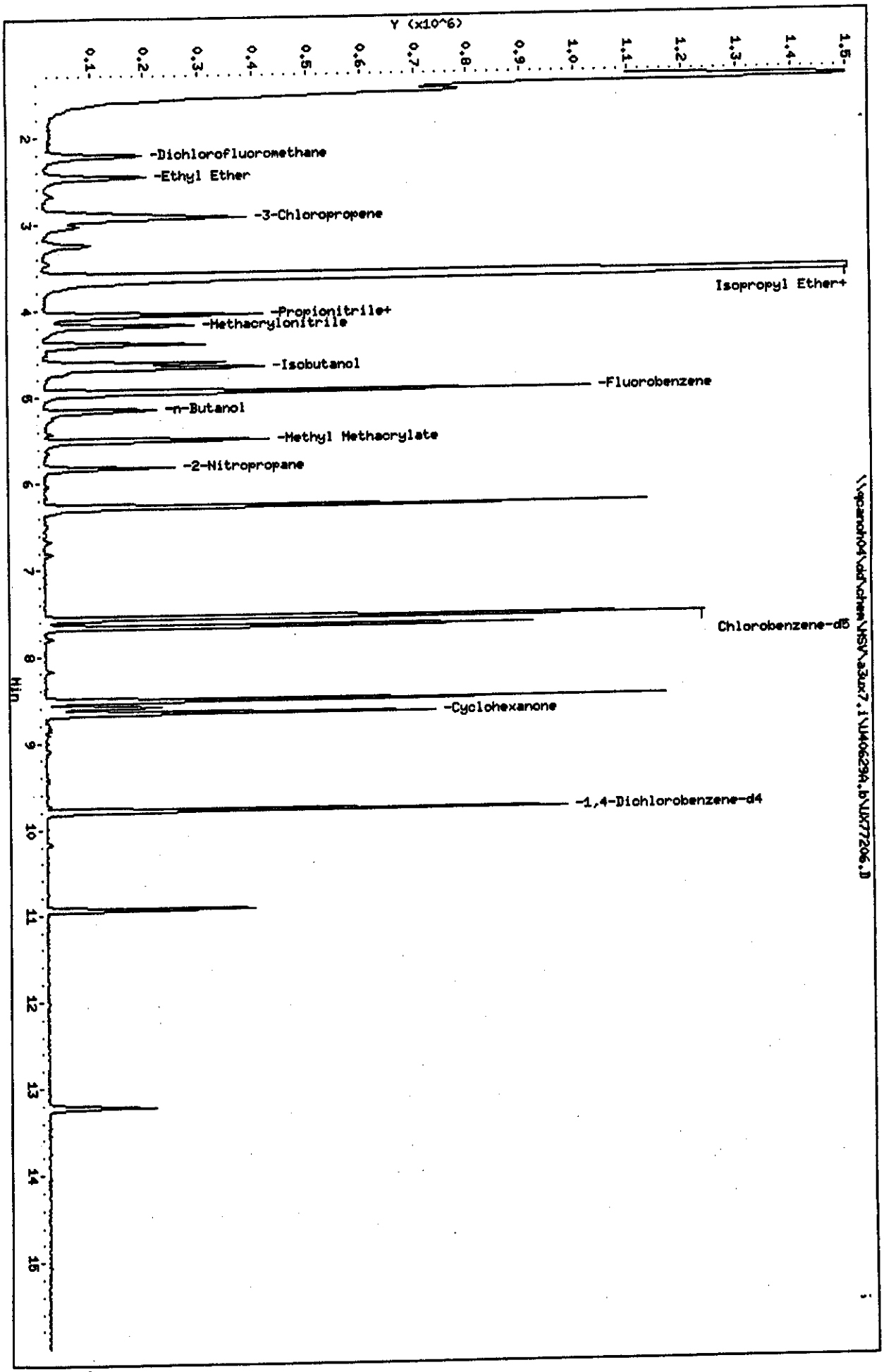
Data File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b/UX77206.D
Report Date: 06/29/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux7.i
Lab File ID: UX77206.D
Analysis Type: WATER

Injection Date: 29-JUN-2004 07:36
Lab Sample ID: 50NG-A9CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D	
39 Chlorobenzene-d5	50.0000	50.0000	0.0	50.0	
53 3-Chloropropene	50.0000	33.5111	33.0	50.0	
54 2-Chloro-1,3-butadiene	50.0000	41.0145	18.0	50.0	
55 Propionitrile	100.0000	114.4834	14.5	50.0	
56 Methacrylonitrile	50.0000	46.4951	7.0	50.0	
57 Isobutanol	1000.0000	1729.9216	73.0	50.0	<-
58 Methyl Methacrylate	50.0000	50.5702	1.1	50.0	
73 n-Butanol	1000.0000	1918.8552	91.9	50.0	<-
74 Ethyl Acetate	100.0000	103.0469	3.0	50.0	
75 Cyclohexanone	500.0000	1142.5330	128.5	50.0	<-
76 Ethyl Ether	50.0000	38.5542	22.9	50.0	
85 Dichlorofluoromethane	50.0000	32.8996	34.2	50.0	
86 2-Nitropropane	100.0000	108.6768	8.7	50.0	
126 Isopropyl Ether	250.0000	224.7255	10.1	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\HSV\a3ux7.i\U406229A.b\UX77206.D
Date : 29-JUN-2004 07:36
Client ID:
Sample Info: 50NG-89CC
Purge Volume: 5.0
Column phase: DB624 20m
Instrument: a3ux7.i
Operator: 43582
Column diameter: 0.18
\\qcanoh04\dd\chem\HSV\a3ux7.i\U406229A.b\UX77206.D
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
-1,4-Dichlorobenzene-d4

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77206.D
Report Date: 29-Jun-2004 08:18

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77206.D
Lab Smp Id: 50NG-A9CC
Inj Date : 29-JUN-2004 07:36
Operator : 43582 Inst ID: a3ux7.i
Smp Info : 50NG-A9CC
Misc Info : U40629A,N8260UX7-3,3-IX.SUB,43582,2
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 29-Jun-2004 08:18 evansl 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: 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	4.943	4.943	(1.000)	1096955	50.0000	
* 2 Chlorobenzene-d5	117	7.570	7.570	(1.000)	744165	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.794	9.794	(1.000)	275932	50.0000	
14 Dichlorofluoromethane	67	2.221	2.221	(0.449)	340622	50.0000	32.900
89 Ethyl Ether	59	2.470	2.470	(0.500)	202499	50.0000	38.554
91 3-Chloropropene	76	2.943	2.943	(0.595)	99709	50.0000	33.511
92 Isopropyl Ether	87	3.618	3.618	(0.732)	1158414	250.000	224.72(A)
93 2-Chloro-1,3-butadiene	53	3.641	3.641	(0.737)	410638	50.0000	41.014
94 Propionitrile	54	4.055	4.055	(0.820)	103105	100.000	114.48
95 Ethyl Acetate	43	4.055	4.055	(0.820)	624773	100.000	103.05
96 Methacrylonitrile	41	4.186	4.186	(0.847)	203661	50.0000	46.495
97 Isobutanol	41	4.612	4.612	(0.609)	229202	1000.00	1729.9(A)
99 n-Butanol	56	5.156	5.156	(0.681)	147297	1000.00	1918.8(A)
100 Methyl Methacrylate	41	5.511	5.511	(1.115)	273088	50.0000	50.570
101 2-Nitropropane	41	5.830	5.830	(1.180)	187589	100.000	108.68
103 Cyclohexanone	55	8.599	8.599	(0.878)	116382	500.000	1142.5(A)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77206.D
Report Date: 29-Jun-2004 08:18

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Report Date: 29-Jun-2004 14:34

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Start Cal Date: 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
29-JUN-2004 13:14	3-IX	UX80712.D
03-JUN-2004 17:21	1-8260	UX89925.D
Cal Level: 2 , Cal Amount: 50.000		
29-JUN-2004 12:50	3-IX	UX80711.D
03-JUN-2004 16:57	1-8260	UX89924.D
Cal Level: 3 , Cal Amount: 100.00		
29-JUN-2004 12:26	3-IX	UX80710.D
03-JUN-2004 16:33	1-8260	UX89923.D
Cal Level: 4 , Cal Amount: 250.00		
29-JUN-2004 12:02	3-IX	UX80709.D
03-JUN-2004 16:09	1-8260	UX89922.D
Cal Level: 5 , Cal Amount: 500.00		
29-JUN-2004 11:38	3-IX	UX80708.D
03-JUN-2004 15:45	1-8260	UX89921.D
Cal Level: 6 , Cal Amount: 1000.0		
29-JUN-2004 11:14	3-IX	UX80707.D
03-JUN-2004 15:20	1-8260	UX89920.D

Continuing Calibration

29-JUN-2004 10:50	1-8260	UX80706.D
29-JUN-2004 12:02	3-IX	UX80709.D

Report Date : 29-Jun-2004 14:27

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 macenczaks
Curve Type : Average

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80712.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80711.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80710.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80709.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80708.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80707.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	0.22765	0.23027	0.23419	0.23582	0.25346	0.25907	0.24008	5.410
	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 : 29-Jun-2004 14:27

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	0.23346	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 : 29-Jun-2004 14:27

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	0.14879	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	0.20460	0.21870	0.21977	0.22415	0.22845	0.22201	0.21961	3.703	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	0.10192	0.11048	0.10905	0.11540	0.12271	0.12477	0.11406	7.609	
92 Isopropyl Ether	0.21693	0.22693	0.22523	0.22772	0.22473	0.21112	0.22211	2.980	
93 2-Chloro-1,3-butadiene	0.37632	0.39808	0.39684	0.41024	0.42302	0.41951	0.40400	4.278	
94 Propionitrile	0.02849	0.03096	0.03135	0.03466	0.03793	0.03315	0.03276	10.032	
95 Ethyl Acetate	0.24087	0.24767	0.24924	0.27046	0.29328	0.26374	0.26088	7.394	
96 Methacrylonitrile	0.14662	0.15277	0.15517	0.16805	0.17889	0.16426	0.16096	7.293	
97 Isobutanol	0.00903	0.00982	0.01081	0.01266	0.01518	0.01309	0.01177	19.530	<-
98 Cyclohexane	0.40882	0.41428	0.41998	0.42794	0.44529	0.44172	0.42634	3.465	

Report Date : 29-Jun-2004 14:27

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	0.00587	0.00616	0.00766	0.00989	0.01170	0.01043	0.00862	27.920	<-
100 Methyl Methacrylate	0.20823	0.22575	0.23698	0.25405	0.27790	0.25463	0.24292	10.114	
101 2-Nitropropane	0.04204	0.04843	0.05300	0.06741	0.07940	0.07322	0.06058	24.587	
102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103 Cyclohexanone	0.01998	0.02127	0.02319	0.03041	0.03410	0.03054	0.02658	21.949	
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	0.67775	0.78319	0.89308	1.00887	1.14690	1.06742	0.92954	19.166	
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	

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 macenczaks

Calibration File Names:
Level 1: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80712.D
Level 2: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80711.D
Level 3: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80710.D
Level 4: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80709.D
Level 5: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80708.D
Level 6: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80707.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	0.12531	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	0.22765	0.23027	0.23419	0.23582	0.25346	0.25907	AVRG		0.24008		5.40969
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

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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
	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

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	0.11013	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	

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	0.48719	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

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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
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

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	
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	0.20460	0.21870	0.21977	0.22415	0.22845	0.22201	AVRG		0.21961		3.70340	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.10192	0.11048	0.10905	0.11540	0.12271	0.12477	AVRG		0.11406		7.60873	
92 Isopropyl Ether	0.21693	0.22693	0.22523	0.22772	0.22473	0.21112	AVRG		0.22211		2.97990	
93 2-Chloro-1,3-butadiene	0.37632	0.39808	0.39684	0.41024	0.42302	0.41951	AVRG		0.40400		4.27826	
94 Propionitrile	0.02849	0.03096	0.03135	0.03466	0.03793	0.03315	AVRG		0.03276		10.03244	
95 Ethyl Acetate	0.24087	0.24767	0.24924	0.27046	0.29328	0.26374	AVRG		0.26088		7.39361	
96 Methacrylonitrile	0.14662	0.15277	0.15517	0.16805	0.17889	0.16426	AVRG		0.16096		7.29293	
97 Isobutanol	10727	23283	51338	150409	348499	596290	LINR	0.61436	0.01365		0.99228	<-
98 Cyclohexane	0.40882	0.41428	0.41998	0.42794	0.44529	0.44172	AVRG		0.42634		3.46528	
99 n-Butanol	6971	14595	36389	117493	268673	474881	LINR	1.18240	0.01088		0.99461	<-
100 Methyl Methacrylate	0.20823	0.22575	0.23698	0.25405	0.27790	0.25463	AVRG		0.24292		10.11390	
101 2-Nitropropane	7272	16727	36992	117445	262910	483238	LINR	0.13029	0.07582		0.99680	

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 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	
102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
103 Cyclohexanone	4454	9529	21161	67923	152814	269757	LINR	0.39373	0.03166		0.99530	
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	30213	70167	163019	450653	1027788	1885569	LINR	0.08737	1.09628		0.99782	
147 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

Report Date : 29-Jun-2004 14:32

STL North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Cal Date : 29-Jun-2004 14:25 macenczaks

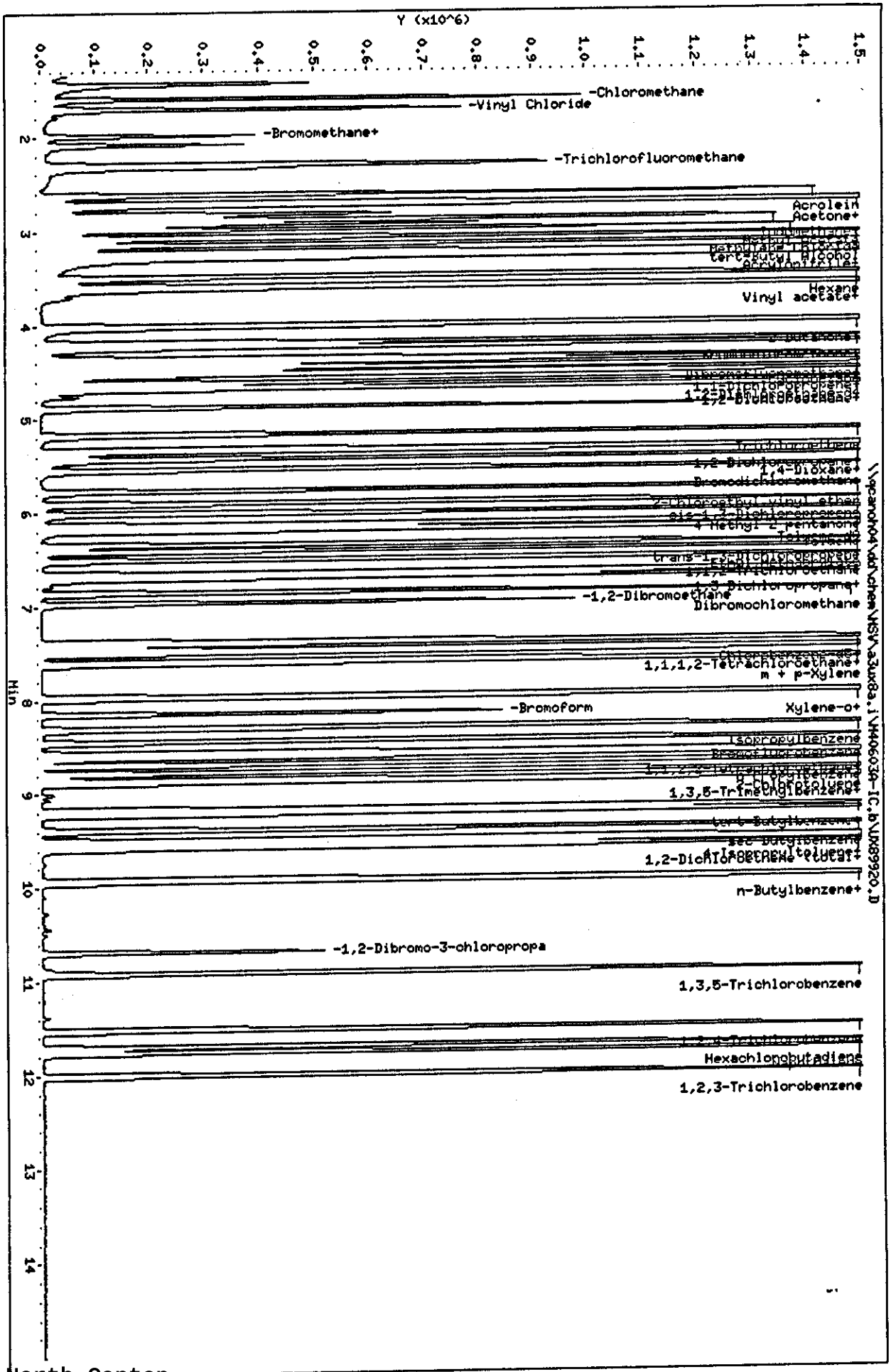
Compound	25.0000 Level 1	50.0000 Level 2	100.0000 Level 3	250.0000 Level 4	500.0000 Level 5	1000.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
148 n-Butyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
149 1,2:3,4-Diepoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	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	0.21363	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: \\qcanon04\ddf\chem\MSV\a3ux8a.i\H406039-IC.b\UX89920.D
Date : 03-JUN-2004 15:20
Client ID:
Sample Info: 1000NG-IC
Purge Volume: 5.0
Column phase: DB624

Operator: 2807
Column diameter: 0.18

Instrument: a3ux8a.i



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)	AMOUNTS 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

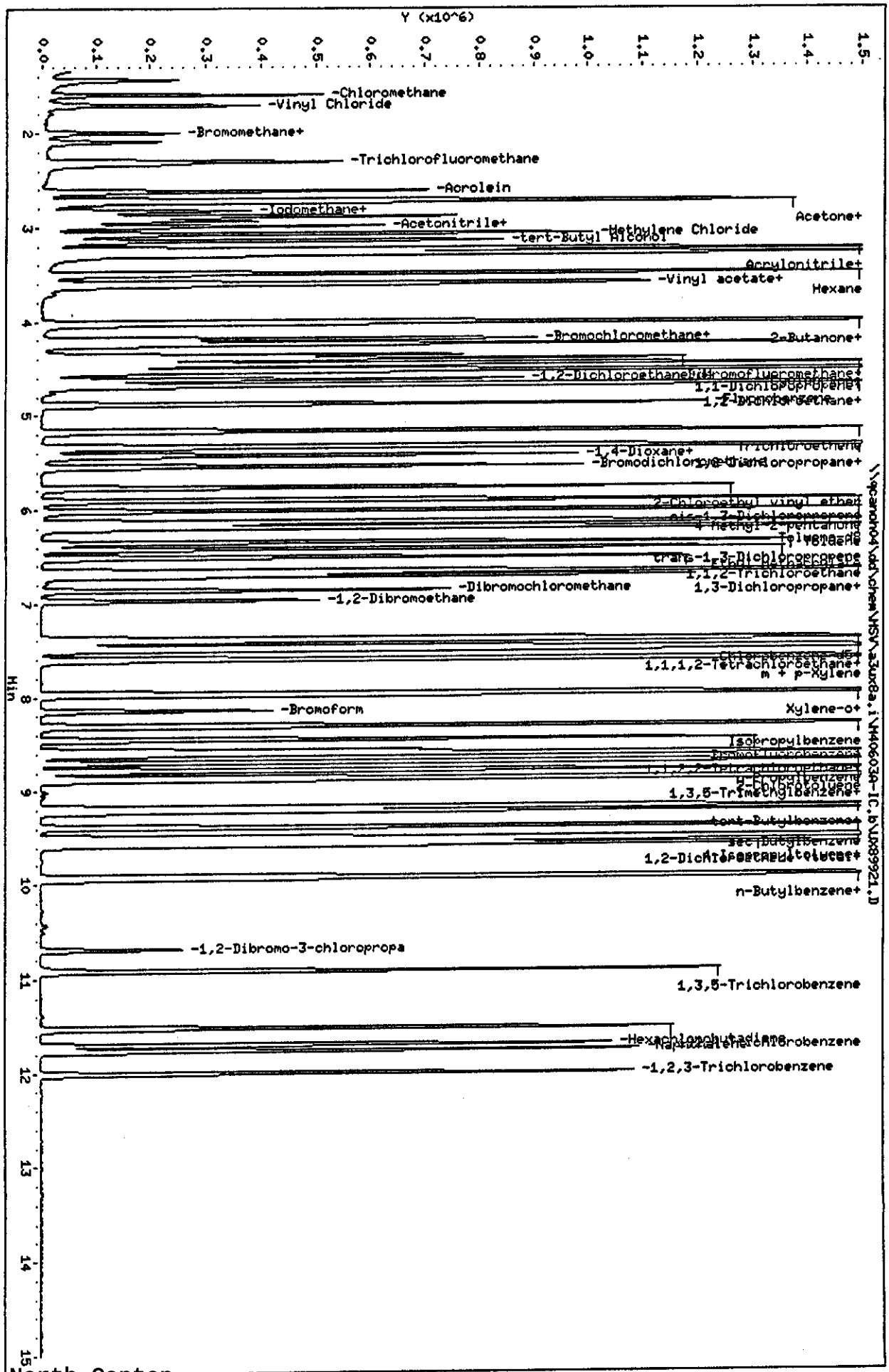
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.147	8.147	(1.104)	434895	1000.00	1000.0
67 Isopropylbenzene	105	8.305	8.305	(1.125)	3238857	1000.00	1000.0
68 1,1,2,2-Tetrachloroethane	83	8.567	8.567	(0.896)	687939	1000.00	1000.0
69 1,4-Dichloro-2-butene	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\HSV\a3ux8a.i\H406030-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



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)	AMOUNTS 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

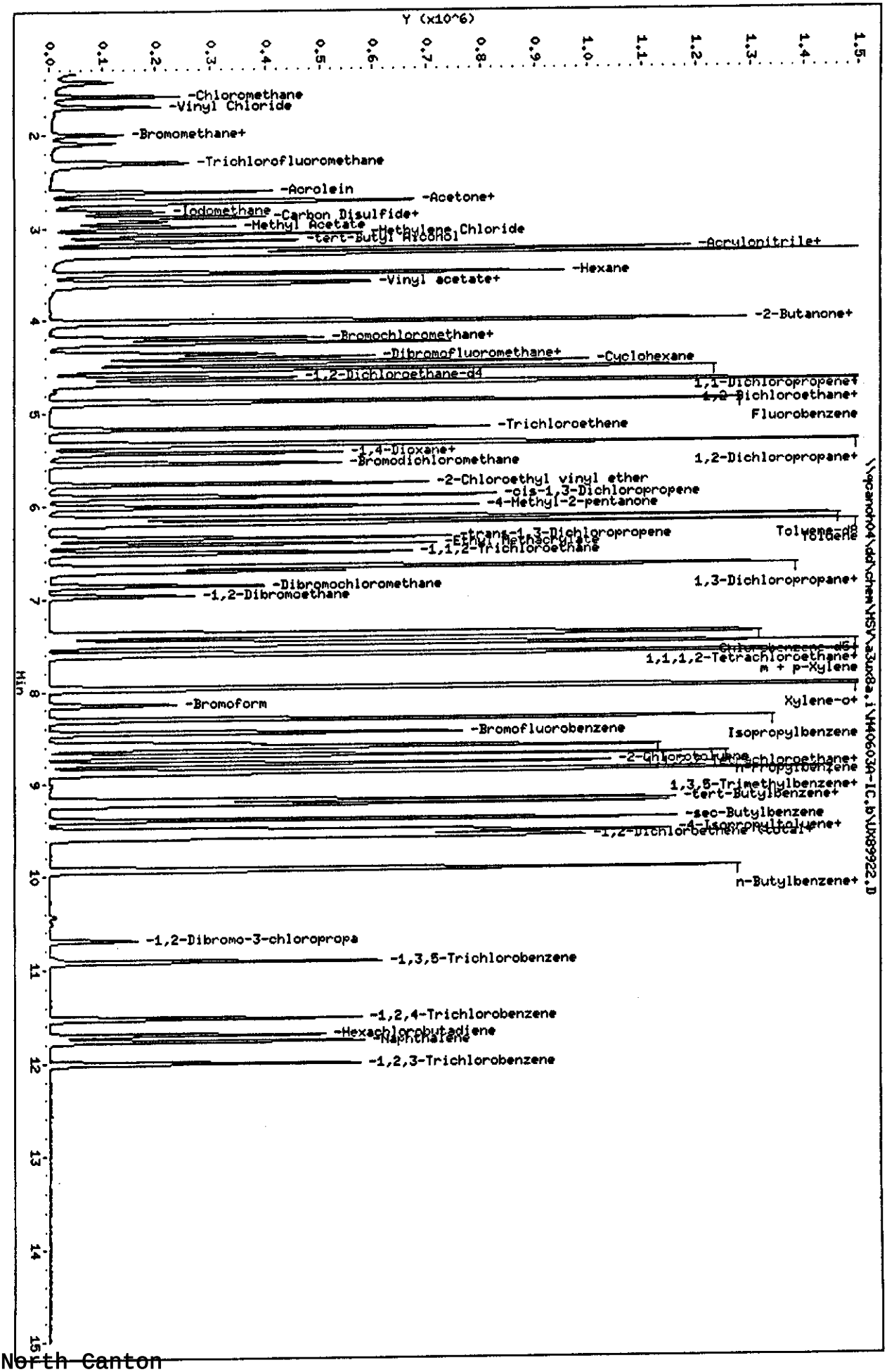
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.828	2.828	(0.579)	504433	500.000	513.69
	20 Carbon Disulfide	76	2.888	2.888	(0.591)	1144510	500.000	508.82
	21 Methylene Chloride	84	3.071	3.071	(0.629)	435959	500.000	511.97
	22 Acetonitrile	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

Data File: \\qcanch04\dd\chem\MSV\a3ux8a.i\M406030-IC.b\UX89922.D
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



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

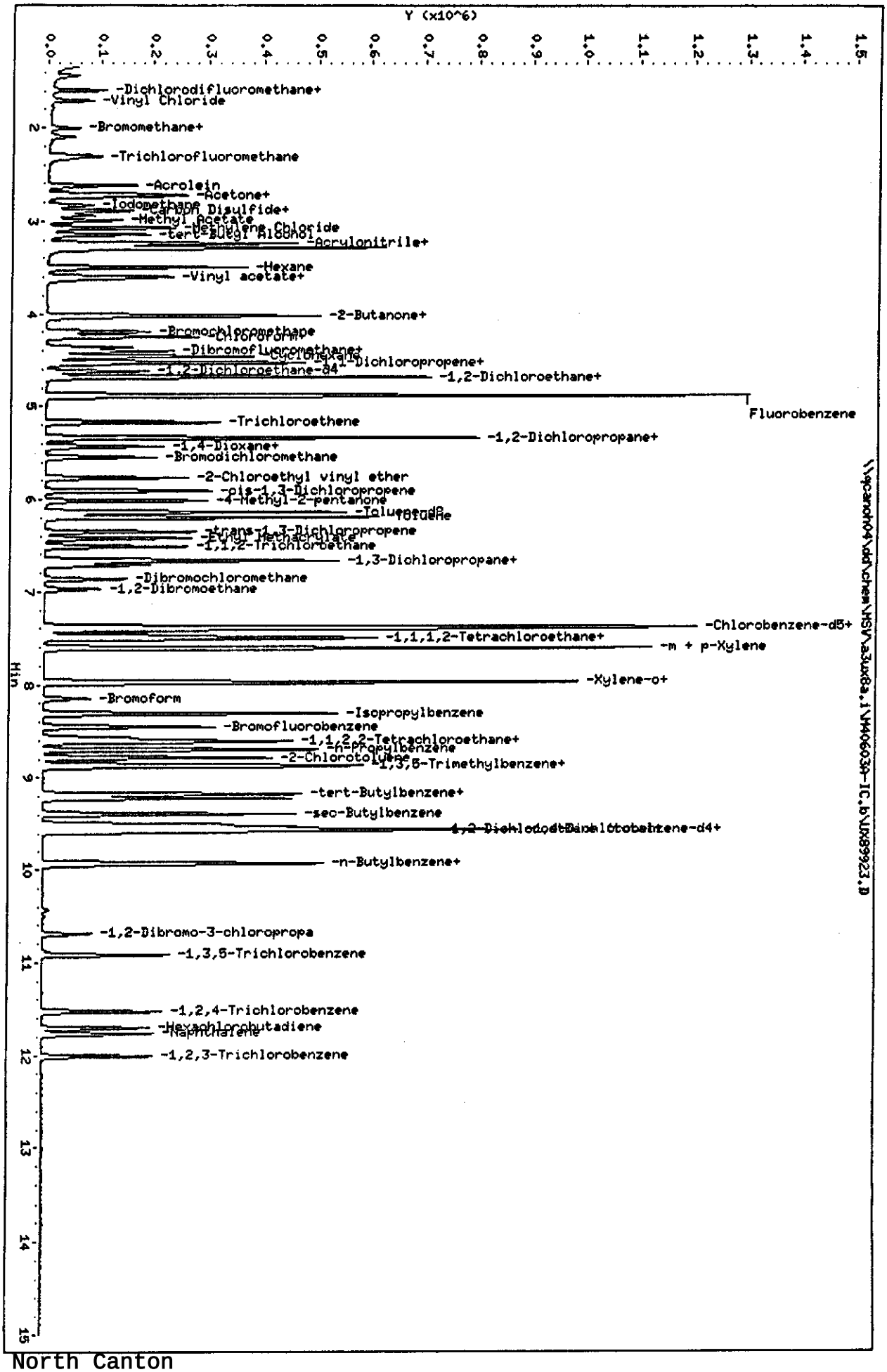
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.881	4.881	(1.000)	1060090	250.000	
* 2 Chlorobenzene-d5	117	7.381	7.381	(1.000)	671910	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.559	9.559	(1.000)	223787	250.000	
$ 4 Dibromofluoromethane	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


Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H406030-IC.b\UX89923.D
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
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane+
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide+
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-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+
-Dibromochloromethane
-1,2-Dibromoethane
-Chlorobenzene-d5+
-1,1,1,2-Tetrachloroethane+
-m + p-Xylene
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene+
-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\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)	AMOUNTS 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

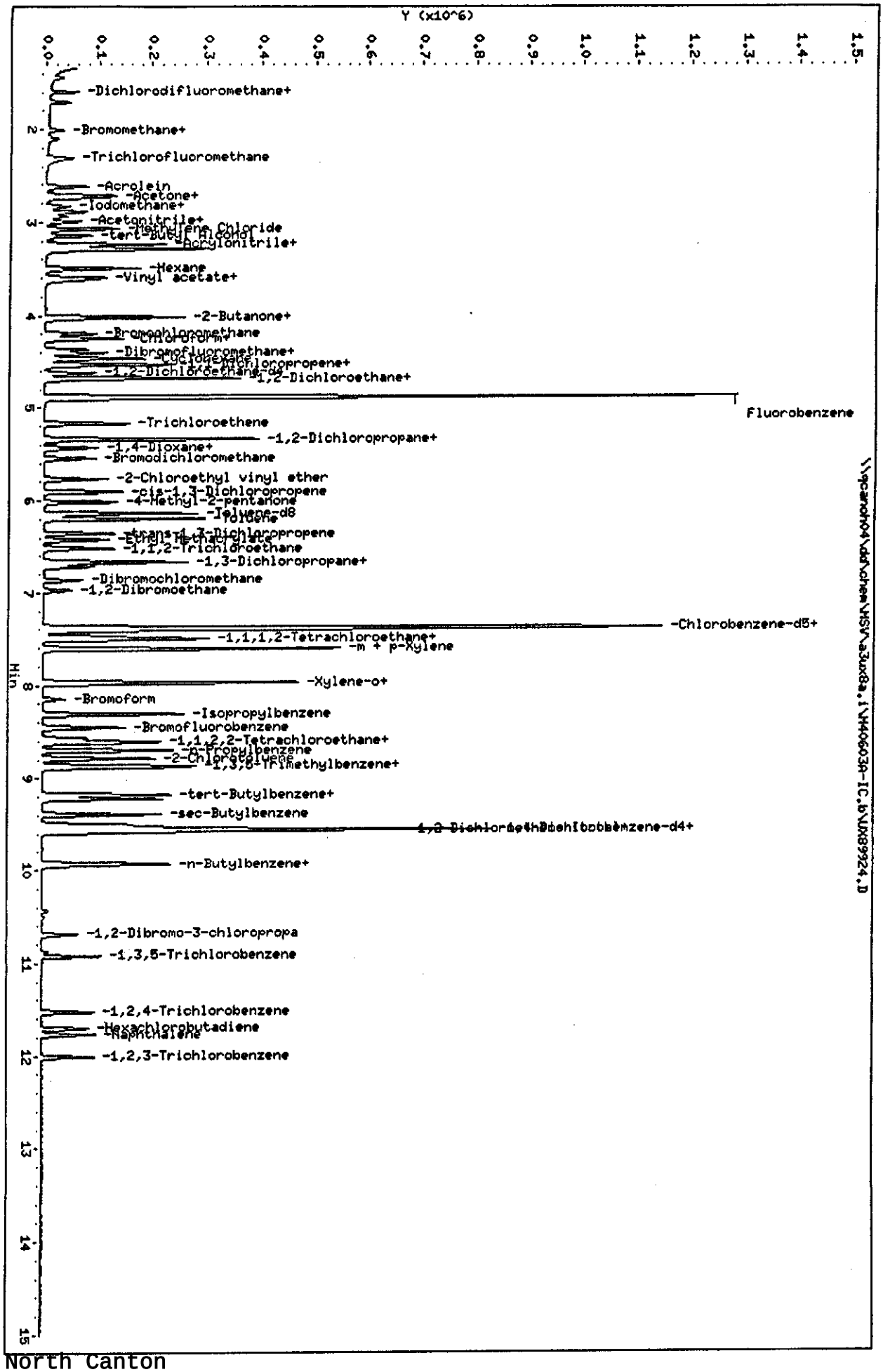
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.828	2.828	(0.579)	107868	100.000	100.86
	20 Carbon Disulfide	76	2.889	2.889	(0.592)	237823	100.000	98.883
	21 Methylene Chloride	84	3.072	3.072	(0.629)	101746	100.000	106.72
	22 Acetonitrile	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

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H406030-IC.b\UX89924.D
Date : 03-JUN-2004 16:57
Client ID:
Sample Info: 50NC-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



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
Lab Smp Id: 50NG-IC
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 :
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 16:57 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)	AMOUNTS 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

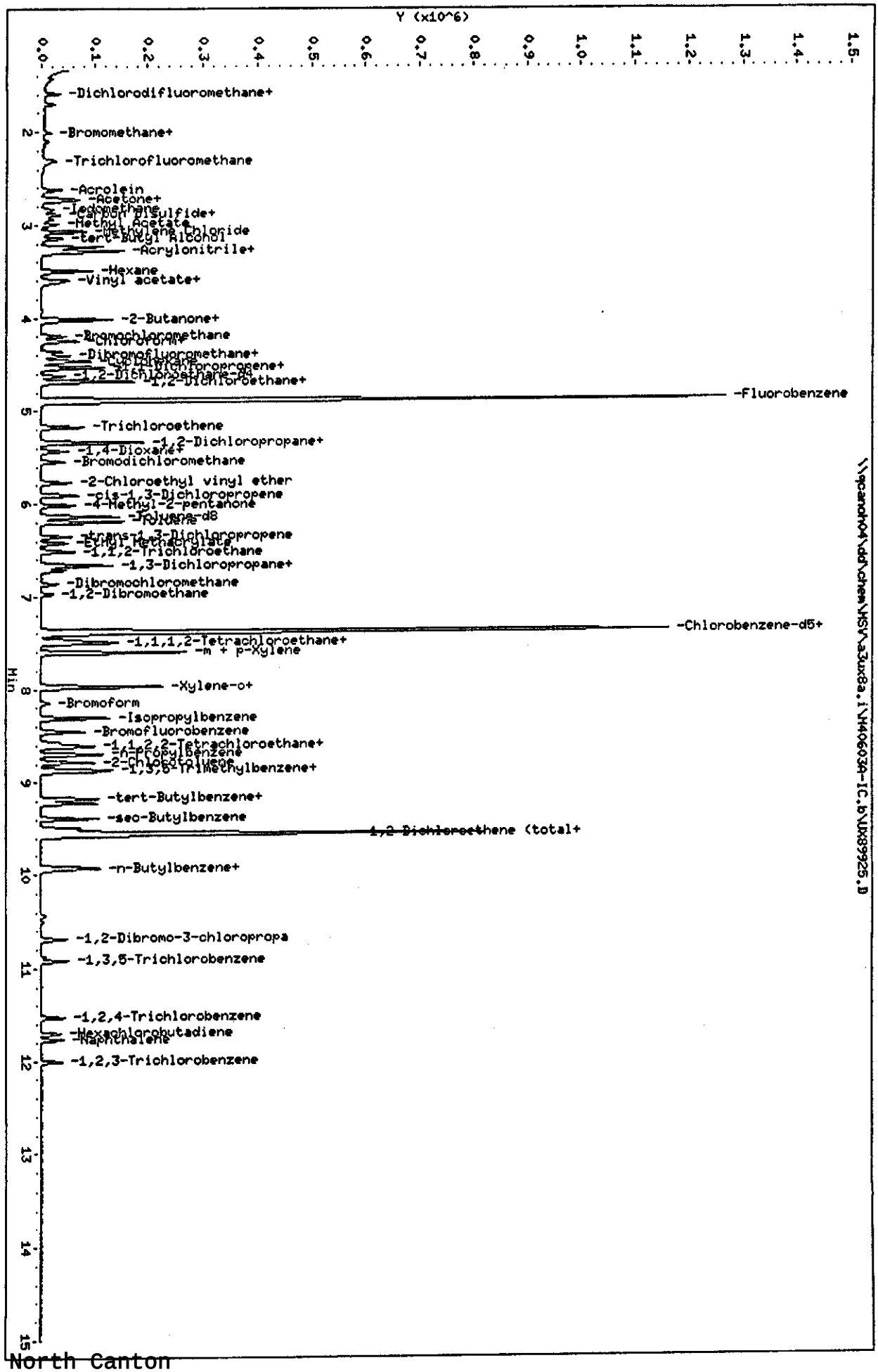
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.827	2.827	(0.579)	52313	50.0000	50.208
	20 Carbon Disulfide	76	2.888	2.888	(0.591)	114512	50.0000	49.132
	21 Methylene Chloride	84	3.070	3.070	(0.629)	58174	50.0000	59.666
	22 Acetonitrile	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

Data File: \\qcanch04\dd\chem\HSV\a3ux8a.i\H406030-IC.b\UX89925.D
Date : 03-JUN-2004 17:21
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89925.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\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)	AMOUNTS 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

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:17

STL North Canton

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: plexus-ck.spk
Sublist File: 1-8260.SUB

Client SDG: SDGa00769
Fraction: VOA

Operator: 2807
SampleType: METHSPIKE
Quant Type: ISTD

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

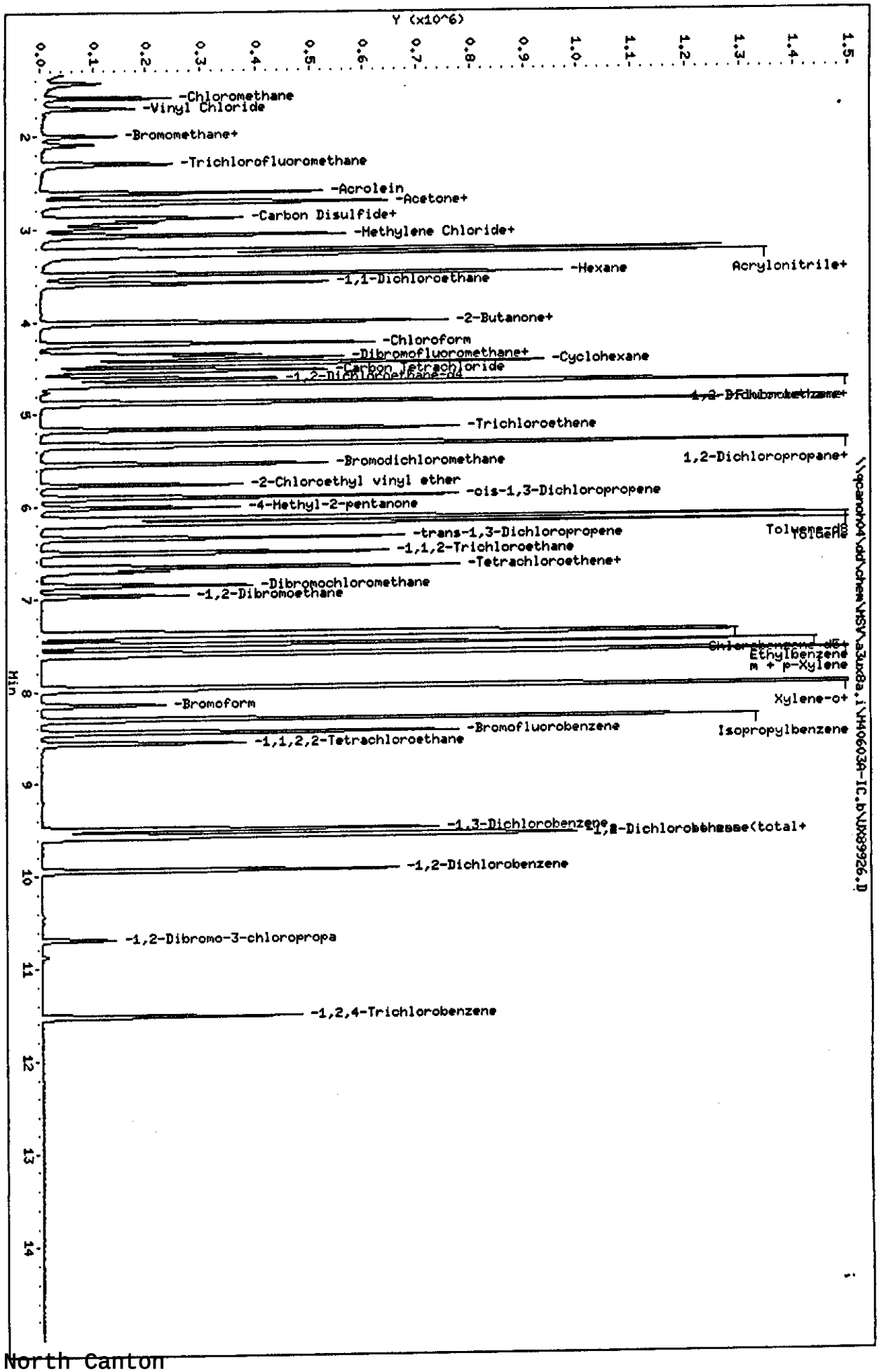
Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40603A-IC.b\UX89926.D
Report Date: 03-Jun-2004 17:17

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: \\qcanoh04\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



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)	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

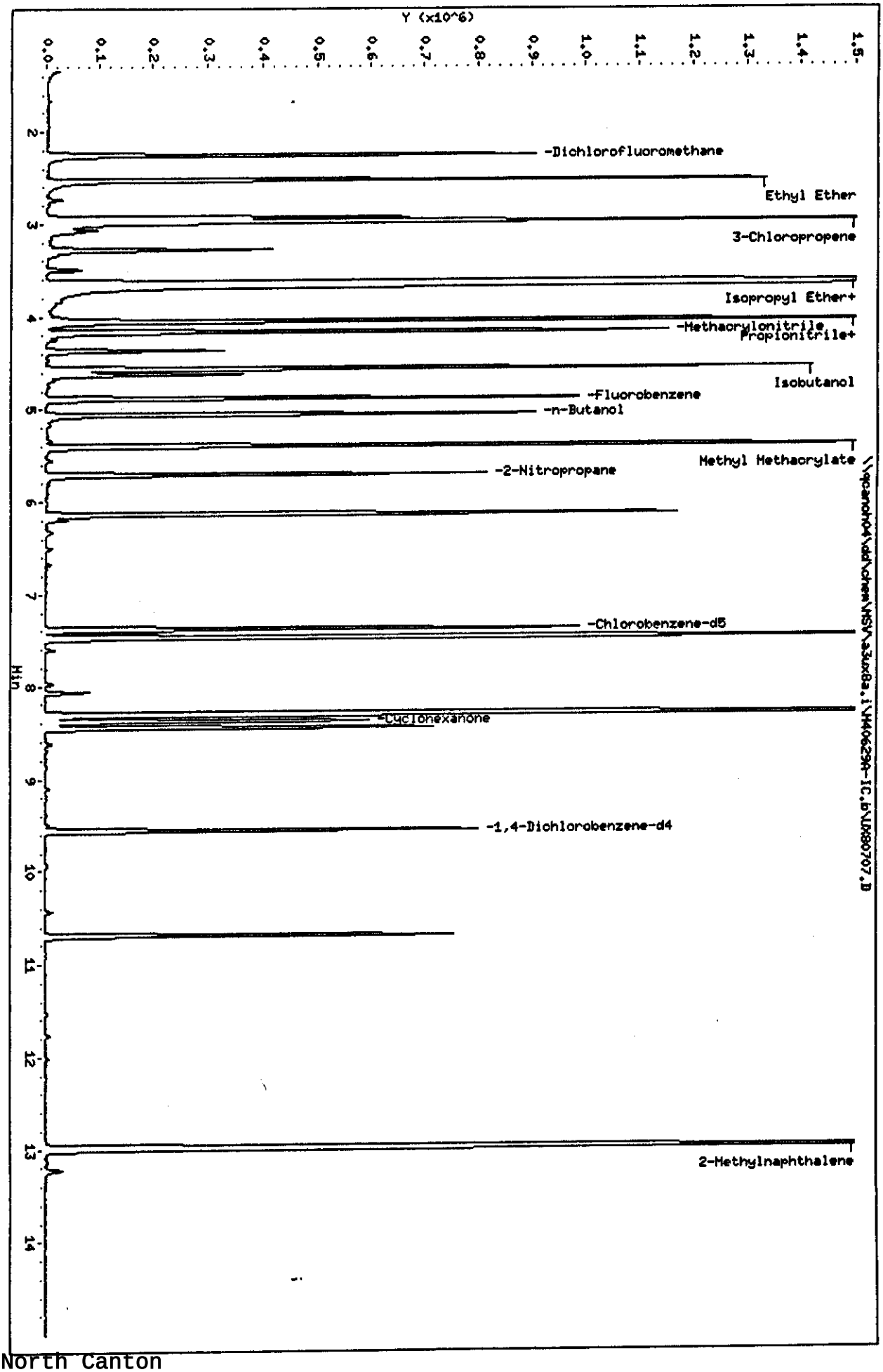
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
	20 Carbon Disulfide	76	2.891	2.889	(0.592)	576276	248.316	49.663
	21 Methylene Chloride	84	3.073	3.071	(0.629)	235516	247.039	49.408
	22 Acetonitrile	41	2.934	2.937	(0.600)	242080	2618.46	523.69
	23 Acrylonitrile	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)	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.					

Data File: \\qcandh04\dd\chem\MSV\a3ux8a.i\M406290-IC.b\UX80707.D
Date : 29-JUN-2004 11:14
Client ID:
Sample Info: 1000NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80707.D
Report Date: 29-Jun-2004 14:22

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80707.D
Lab Smp Id: 1000NG-A9IC
Inj Date : 29-JUN-2004 11:14
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 1000NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,6
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:22 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 11:14 Cal File: UX80707.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: 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	4.886	4.886	(1.000)	824992	250.000	
* 2 Chlorobenzene-d5	117	7.380	7.380	(1.000)	569283	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.558	9.558	(1.000)	220809	250.000	
14 Dichlorofluoromethane	67	2.258	2.258	(0.462)	854934	1000.00	1000.0
89 Ethyl Ether	59	2.531	2.531	(0.518)	732640	1000.00	1000.0
91 3-Chloropropene	76	2.981	2.981	(0.610)	411737	1000.00	1000.0
92 Isopropyl Ether	87	3.639	3.639	(0.745)	3483378	5000.00	5000.0(A)
93 2-Chloro-1,3-butadiene	53	3.663	3.663	(0.750)	1384372	1000.00	1000.0
94 Propionitrile	54	4.046	4.046	(0.828)	218794	2000.00	2000.0(A)
95 Ethyl Acetate	43	4.052	4.052	(0.829)	1740641	2000.00	2000.0(A)
96 Methacrylonitrile	41	4.168	4.168	(0.853)	542046	1000.00	1000.0
97 Isobutanol	41	4.557	4.557	(0.618)	596290	20000.0	20000(A)
99 n-Butanol	56	5.056	5.056	(0.685)	474881	20000.0	20000(A)
100 Methyl Methacrylate	41	5.403	5.403	(1.106)	840277	1000.00	1000.0
101 2-Nitropropane	41	5.707	5.707	(1.168)	483238	2000.00	2000.0(A)
146 2-Methylnaphthalene	142	12.989	12.989	(1.359)	1885569	2000.00	2000.0(A)
103 Cyclohexanone	55	8.378	8.378	(0.877)	269757	10000.0	10000

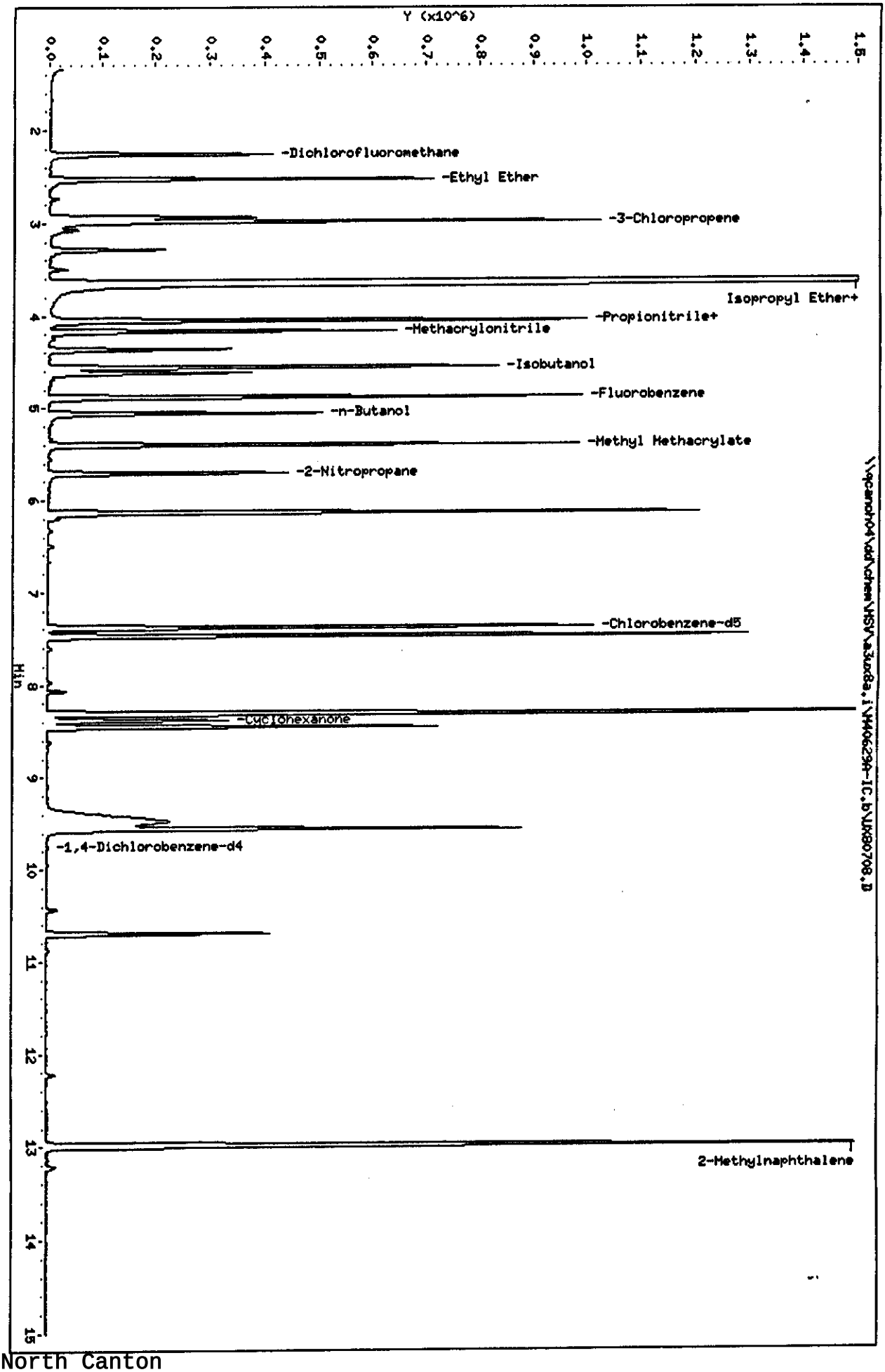
Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80707.D
Report Date: 29-Jun-2004 14:22

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\pcanoh04\dd\chem\HSV\a3ux8a.i\M406298-IC.b\UX80708.D
Date : 29-JUN-2004 11:38
Client ID:
Sample Info: 500NG-A91C
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80708.D
Report Date: 29-Jun-2004 14:23

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80708.D
Lab Smp Id: 500NG-A9IC
Inj Date : 29-JUN-2004 11:38
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 500NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,5
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:23 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 11:38 Cal File: UX80708.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: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

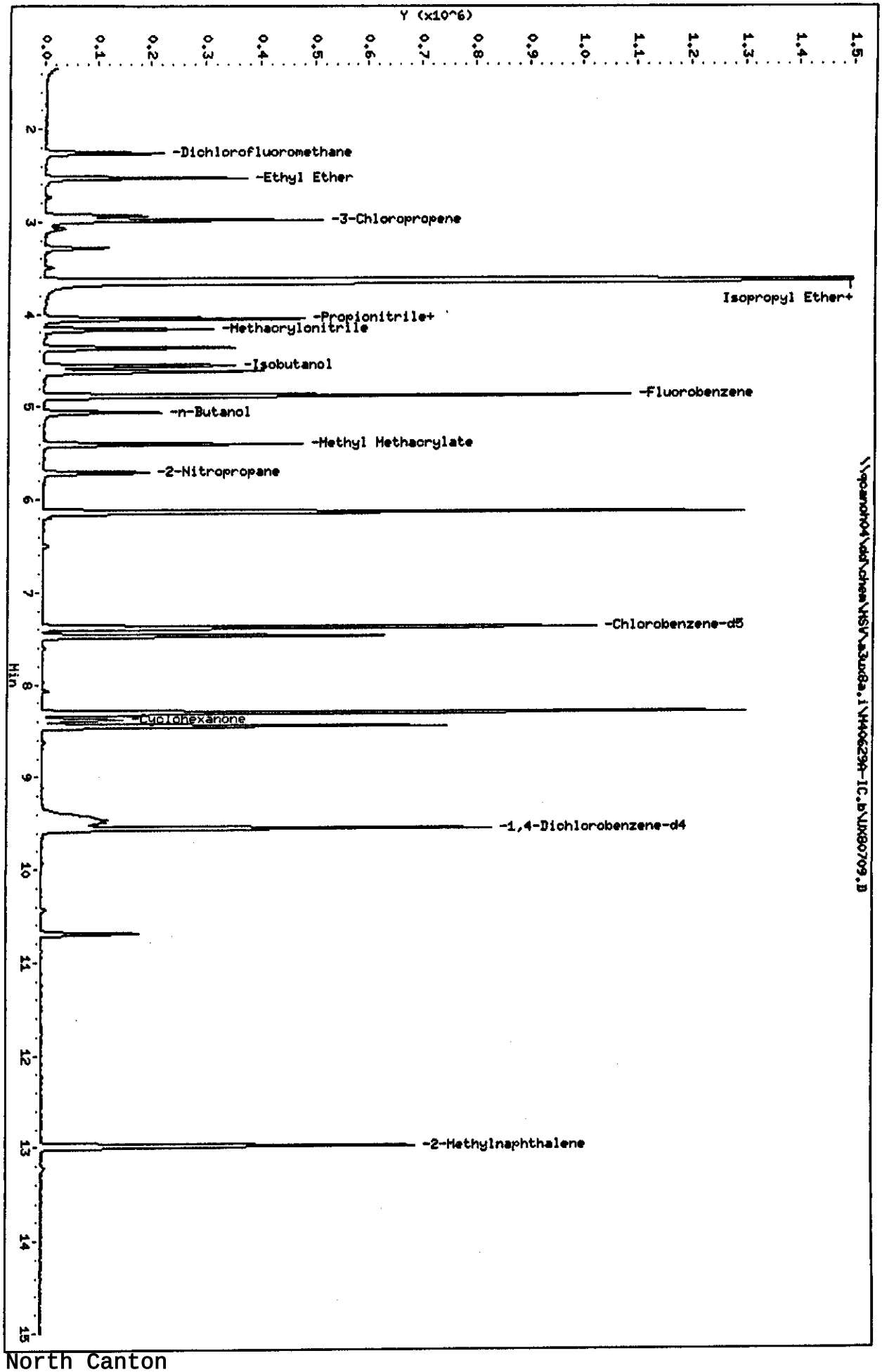
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.885	4.885	(1.000)	827789	250.000	
* 2 Chlorobenzene-d5	117	7.379	7.379	(1.000)	574033	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.557	9.557	(1.000)	224036	250.000	
14 Dichlorofluoromethane	67	2.263	2.263	(0.463)	419631	500.000	494.53
89 Ethyl Ether	59	2.530	2.530	(0.518)	378221	500.000	507.15
91 3-Chloropropene	76	2.981	2.981	(0.610)	203163	500.000	495.85
92 Isopropyl Ether	87	3.638	3.638	(0.745)	1860303	2500.00	2578.1(A)
93 2-Chloro-1,3-butadiene	53	3.662	3.662	(0.750)	700342	500.000	502.08
94 Propionitrile	54	4.045	4.045	(0.828)	125608	1000.00	1067.3(A)
95 Ethyl Acetate	43	4.051	4.051	(0.829)	971105	1000.00	1053.0(A)
96 Methacrylonitrile	41	4.167	4.167	(0.853)	296170	500.000	521.32
97 Isobutanol	41	4.556	4.556	(0.617)	348499	10000.0	10737(A)
99 n-Butanol	56	5.055	5.055	(0.685)	268673	10000.0	10576(A)
100 Methyl Methacrylate	41	5.402	5.402	(1.106)	460087	500.000	521.85
101 2-Nitropropane	41	5.706	5.706	(1.168)	262910	1000.00	1040.5(A)
146 2-Methylnaphthalene	142	12.988	12.988	(1.359)	1027788	1000.00	1035.9(A)
103 Cyclohexanone	55	8.383	8.383	(0.877)	152814	5000.00	5275.6

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80708.D
Report Date: 29-Jun-2004 14:23

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcanch04\dd\chem\HSV\a3ux8a.i\H406294-IC.b\UX80709.D
Date : 29-JUN-2004 12:02
Client ID:
Sample Info: 250NG-A91C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-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
\\qcanch04\dd\chem\HSV\a3ux8a.i\H406294-IC.b\UX80709.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80709.D
Report Date: 29-Jun-2004 14:24

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80709.D
Lab Smp Id: 250NG-A9IC
Inj Date : 29-JUN-2004 12:02
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 250NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,4
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:23 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 12:02 Cal File: UX80709.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: CANPMSV09

Concentration Formula: Amt * DF * 1/Vo

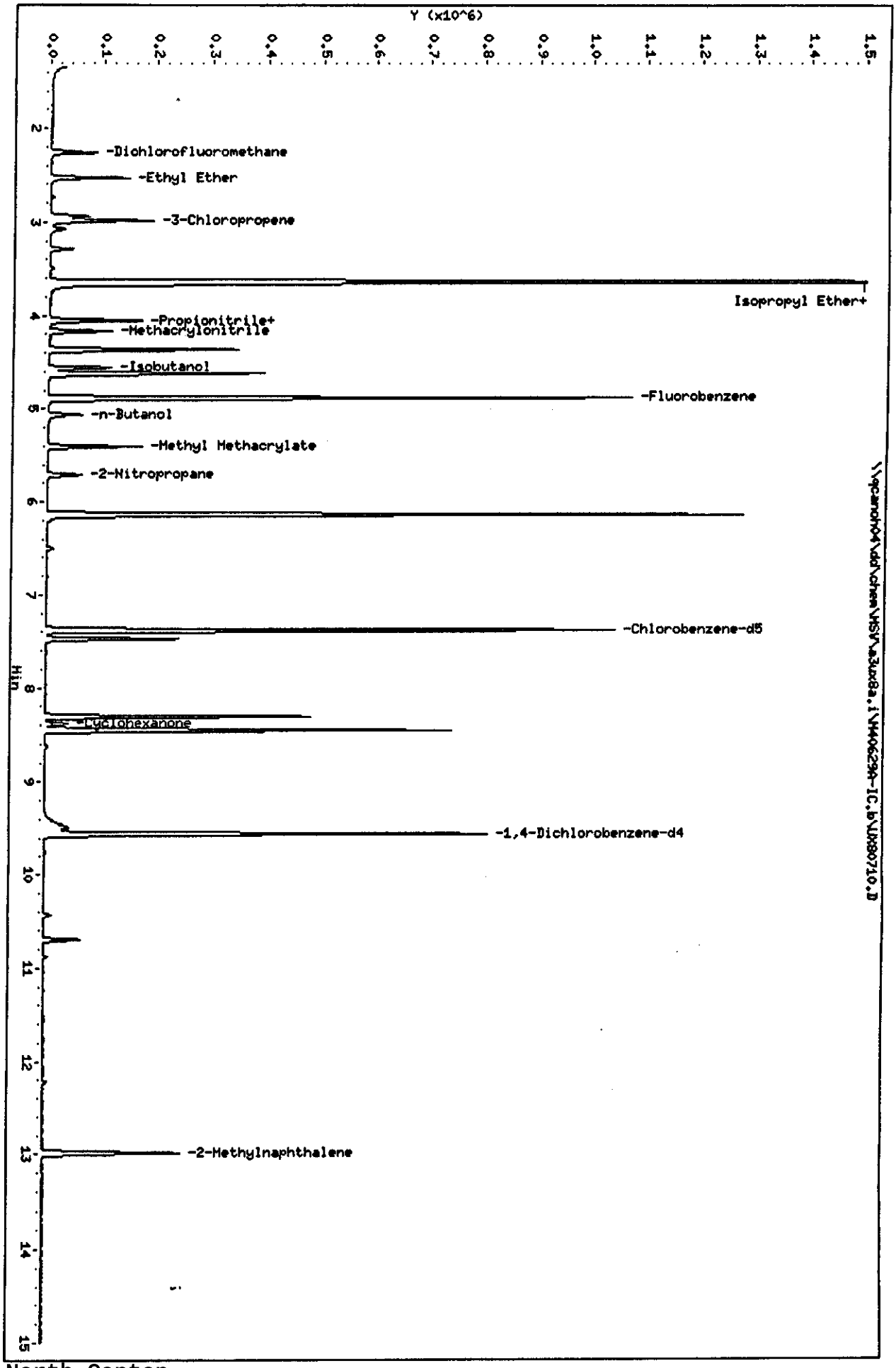
Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	4.883	4.883	(1.000)	871176	250.000	
* 2 Chlorobenzene-d5	117	7.378	7.378	(1.000)	593798	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.555	9.555	(1.000)	223346	250.000	
14 Dichlorofluoromethane	67	2.261	2.261	(0.463)	205440	250.000	236.34
89 Ethyl Ether	59	2.529	2.529	(0.518)	195276	250.000	249.20
91 3-Chloropropene	76	2.985	2.985	(0.611)	100538	250.000	238.51
92 Isopropyl Ether	87	3.642	3.642	(0.746)	991918	1250.00	1286.9(A)
93 2-Chloro-1,3-butadiene	53	3.667	3.667	(0.751)	357391	250.000	245.60
94 Propionitrile	54	4.044	4.044	(0.828)	60388	500.000	491.64
95 Ethyl Acetate	43	4.050	4.050	(0.829)	471233	500.000	490.27
96 Methacrylonitrile	41	4.165	4.165	(0.853)	146402	250.000	246.55
97 Isobutanol	41	4.555	4.555	(0.617)	150409	5000.00	4640.8(A)
99 n-Butanol	56	5.060	5.060	(0.686)	117493	5000.00	4634.4(A)
100 Methyl Methacrylate	41	5.400	5.400	(1.106)	221324	250.000	242.24
101 2-Nitropropane	41	5.705	5.705	(1.168)	117445	500.000	459.53
146 2-Methylnaphthalene	142	12.986	12.986	(1.359)	450653	500.000	469.50
103 Cyclohexanone	55	8.381	8.381	(0.877)	67923	2500.00	2399.4

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80709.D
Report Date: 29-Jun-2004 14:24

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H406290-IC.b\UX80710.D
Date : 29-JUN-2004 12:26
Client ID:
Sample Info: 100NG-491C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18
\\qcanoh04\dd\chem\HSV\a3ux8a.i\H406290-IC.b\UX80710.D
Y (x10^6)
0.0
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
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
-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

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80710.D
Report Date: 29-Jun-2004 14:24

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80710.D
Lab Smp Id: 100NG-A9IC
Inj Date : 29-JUN-2004 12:26
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 100NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:24 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 12:26 Cal File: UX80710.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: 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	4.883	4.883	(1.000)	872426	250.000	
* 2 Chlorobenzene-d5	117	7.377	7.377	(1.000)	593680	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.555	9.555	(1.000)	228169	250.000	
14 Dichlorofluoromethane	67	2.261	2.261	(0.463)	81727	100.000	95.341
89 Ethyl Ether	59	2.529	2.529	(0.518)	76692	100.000	98.287
91 3-Chloropropene	76	2.985	2.985	(0.611)	38056	100.000	92.429
92 Isopropyl Ether	87	3.642	3.642	(0.746)	392991	500.000	506.82
93 2-Chloro-1,3-butadiene	53	3.666	3.666	(0.751)	138486	100.000	96.227
94 Propionitrile	54	4.044	4.044	(0.828)	21878	200.000	182.92
95 Ethyl Acetate	43	4.056	4.056	(0.831)	173956	200.000	185.19
96 Methacrylonitrile	41	4.165	4.165	(0.853)	54150	100.000	93.144
97 Isobutanol	41	4.561	4.561	(0.618)	51338	2000.00	1671.2(A)
99 n-Butanol	56	5.060	5.060	(0.686)	36389	2000.00	1544.6(A)
100 Methyl Methacrylate	41	5.400	5.400	(1.106)	82698	100.000	92.609
101 2-Nitropropane	41	5.711	5.711	(1.169)	36992	200.000	155.30
146 2-Methylnaphthalene	142	12.986	12.986	(1.359)	163019	200.000	173.57
103 Cyclohexanone	55	8.387	8.387	(0.878)	21161	1000.00	784.33

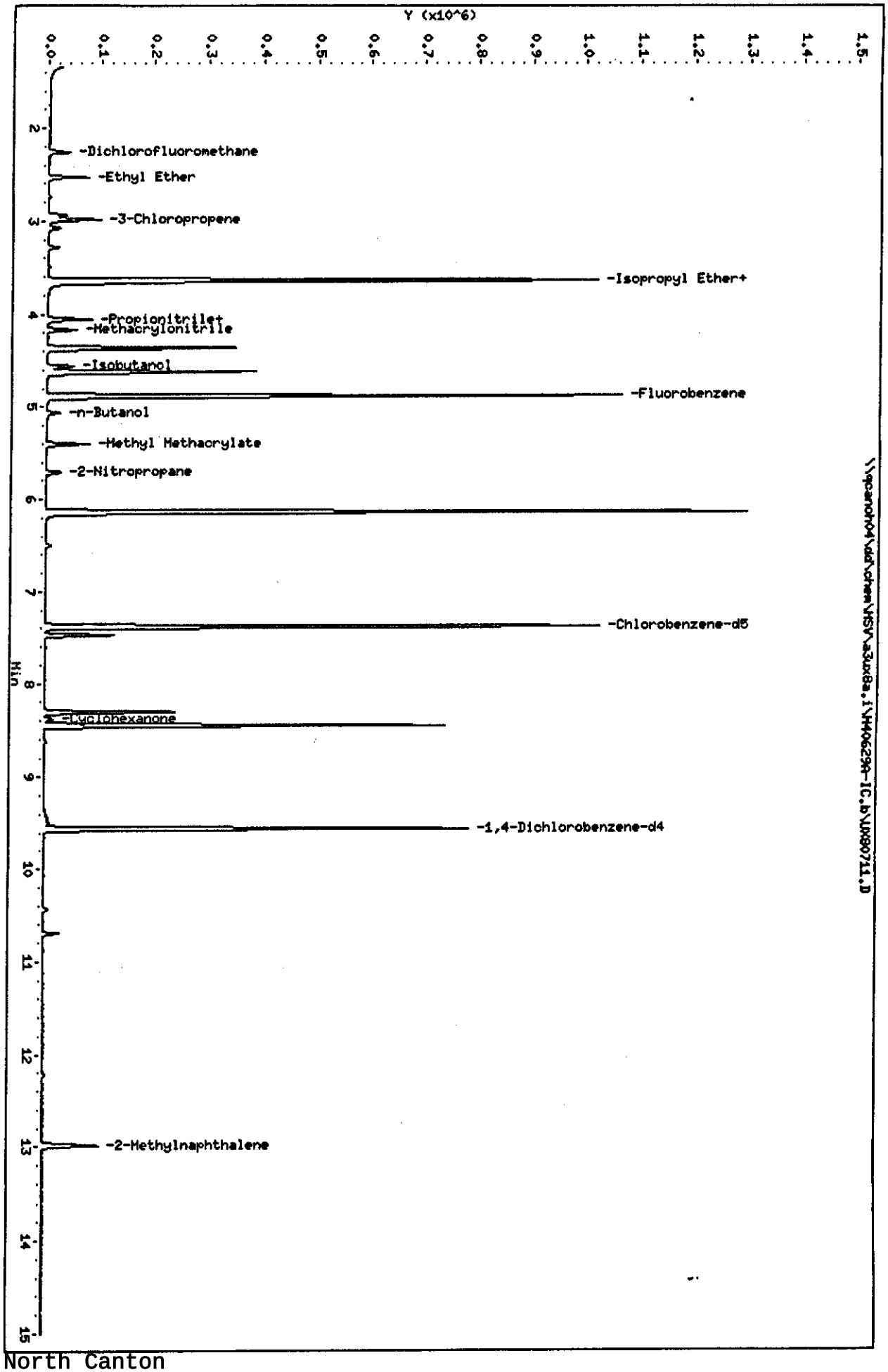
Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80710.D
Report Date: 29-Jun-2004 14:24

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H406290-IC.b\UX80711.D
Date : 29-JUN-2004 12:50
Client ID:
Sample Info: 50NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80711.D
Report Date: 29-Jun-2004 14:25

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80711.D
Lab Smp Id: 50NG-A9IC
Inj Date : 29-JUN-2004 12:50
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 50NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:25 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 12:50 Cal File: UX80711.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: CANPMSV09

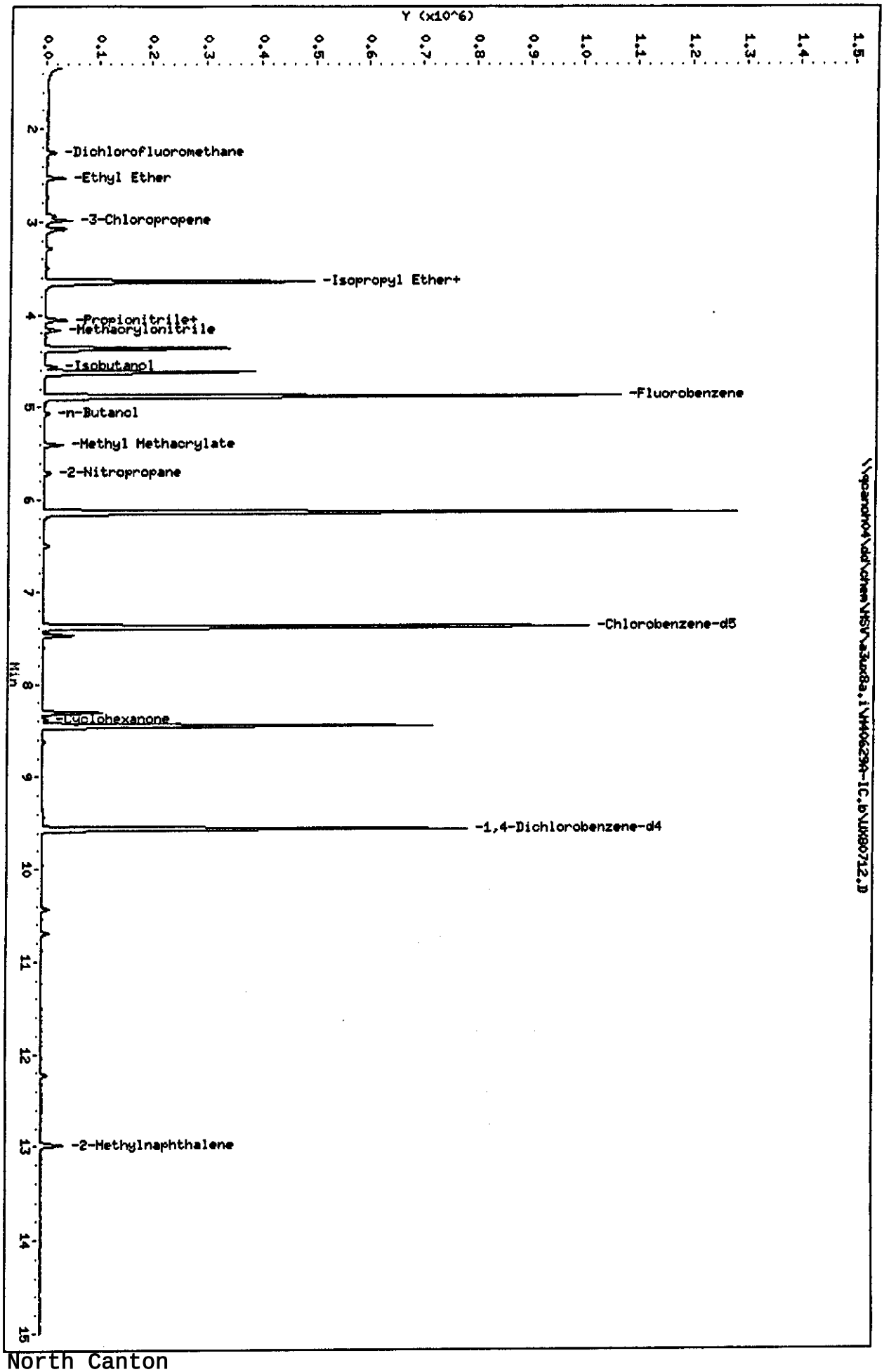
Concentration Formula: Amt * DF * 1/Vo

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)	863403	250.000	
* 2 Chlorobenzene-d5	117	7.378	7.378	(1.000)	592765	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.556	9.556	(1.000)	223978	250.000	
14 Dichlorofluoromethane	67	2.262	2.262	(0.463)	39763	50.0000	47.466
89 Ethyl Ether	59	2.530	2.530	(0.518)	37766	50.0000	49.121
91 3-Chloropropene	76	2.986	2.986	(0.611)	19078	50.0000	47.423
92 Isopropyl Ether	87	3.643	3.643	(0.746)	195934	250.000	254.24
93 2-Chloro-1,3-butadiene	53	3.667	3.667	(0.751)	68741	50.0000	48.601
94 Propionitrile	54	4.045	4.045	(0.828)	10691	100.000	92.105
95 Ethyl Acetate	43	4.057	4.057	(0.831)	85534	100.000	93.502
96 Methacrylonitrile	41	4.166	4.166	(0.853)	26380	50.0000	46.624
97 Isobutanol	41	4.556	4.556	(0.617)	23283	1000.00	797.51
99 n-Butanol	56	5.067	5.067	(0.687)	14595	1000.00	671.42
100 Methyl Methacrylate	41	5.401	5.401	(1.106)	38983	50.0000	45.175
101 2-Nitropropane	41	5.705	5.705	(1.168)	16727	100.000	75.333
146 2-Methylnaphthalene	142	12.987	12.987	(1.359)	70167	100.000	79.926
103 Cyclohexanone	55	8.382	8.382	(0.877)	9529	500.000	381.18

Data File: \\qcanch04\dd\chem\HSV\a3ux8a.i\H406290-IC.b\UX80712.D
Date : 29-JUN-2004 13:14
Client ID:
Sample Info: 25NG-A91C
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 2807
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80712.D
Report Date: 29-Jun-2004 14:26

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\UX80712.D
Lab Smp Id: 25NG-A9IC
Inj Date : 29-JUN-2004 13:14
Operator : 2807 Inst ID: a3ux8a.i
Smp Info : 25NG-A9IC
Misc Info : M40629A-IC,8260SUX8,3-IX.SUB,2807,1,1
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\8260SUX8.m
Meth Date : 29-Jun-2004 14:25 macenczaks Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.883	4.883	(1.000)	864956	250.000	
* 2 Chlorobenzene-d5	117	7.377	7.377	(1.000)	593999	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.555	9.555	(1.000)	222891	250.000	
14 Dichlorofluoromethane	67	2.261	2.261	(0.463)	19691	25.0000	23.706
89 Ethyl Ether	59	2.529	2.529	(0.518)	17697	25.0000	23.291
91 3-Chloropropene	76	2.985	2.985	(0.611)	8816	25.0000	22.340
92 Isopropyl Ether	87	3.642	3.642	(0.746)	93817	125.000	122.08
93 2-Chloro-1,3-butadiene	53	3.666	3.666	(0.751)	32550	25.0000	23.287
94 Propionitrile	54	4.050	4.050	(0.829)	4929	50.0000	43.492
95 Ethyl Acetate	43	4.056	4.056	(0.831)	41669	50.0000	46.166
96 Methacrylonitrile	41	4.165	4.165	(0.853)	12682	25.0000	22.773
97 Isobutanol	41	4.561	4.561	(0.618)	10727	500.000	383.72
99 n-Butanol	56	5.060	5.060	(0.686)	6971	500.000	340.45
100 Methyl Methacrylate	41	5.400	5.400	(1.106)	18011	25.0000	21.430
101 2-Nitropropane	41	5.710	5.710	(1.169)	7272	50.0000	34.694
146 2-Methylnaphthalene	142	12.992	12.992	(1.360)	30213	50.0000	36.456
103 Cyclohexanone	55	8.381	8.381	(0.877)	4454	250.000	187.93

Report Date: 02-Jul-2004 21:34

Calibration History

Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Start Cal Date: 03-JUN-2004 15:20
End Cal Date : 29-JUN-2004 13:14
Last Cal Level: 1
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 25.000		
29-JUN-2004 13:14	3-IX	UX80712.D
03-JUN-2004 17:21	1-8260	UX89925.D
Cal Level: 2 , Cal Amount: 50.000		
29-JUN-2004 12:50	3-IX	UX80711.D
03-JUN-2004 16:57	1-8260	UX89924.D
Cal Level: 3 , Cal Amount: 100.00		
29-JUN-2004 12:26	3-IX	UX80710.D
03-JUN-2004 16:33	1-8260	UX89923.D
Cal Level: 4 , Cal Amount: 250.00		
29-JUN-2004 12:02	3-IX	UX80709.D
03-JUN-2004 16:09	1-8260	UX89922.D
Cal Level: 5 , Cal Amount: 500.00		
29-JUN-2004 11:38	3-IX	UX80708.D
03-JUN-2004 15:45	1-8260	UX89921.D
Cal Level: 6 , Cal Amount: 1000.0		
29-JUN-2004 11:14	3-IX	UX80707.D
03-JUN-2004 15:20	1-8260	UX89920.D

Continuing Calibration

01-JUL-2004 20:06	1-8260	UX80805.D
01-JUL-2004 20:30	3-IX	UX80806.D

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 01-Jul-2004 21:00

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Method: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m

Injection Date: 01-JUL-2004 20:06
Init. Cal. Date(s): 03-JUN-2004 29-JUN-2004
Init. Cal. Times: 15:20 13:14
Quant Type: ISTD

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
$	4 Dibromofluoromethane	0.21426	0.23051	0.010	7.6	50.0
$	5 1,2-Dichloroethane-d4	0.30015	0.31032	0.010	3.4	50.0
$	6 Toluene-d8	0.88370	0.98336	0.010	11.3	50.0
$	7 Bromofluorobenzene	0.44552	0.46372	0.010	4.1	50.0
	8 Dichlorodifluoromethane	0.14912	0.17517	0.010	17.5	50.0
	9 Chloromethane	0.21916	0.21145	0.100	-3.5	50.0
	10 Vinyl Chloride	0.18002	0.18808	0.010	4.5	20.0
	11 Bromomethane	0.07778	0.09447	0.010	21.4	50.0
	12 Chloroethane	0.09601	0.11103	0.010	15.6	50.0
	13 Trichlorofluoromethane	0.24066	0.28195	0.010	17.2	50.0
	15 Acrolein	0.03091	0.03486	0.010	12.8	50.0
	16 Acetone	500	587	0.010	-17.3	50.0
	17 1,1-Dichloroethene	0.17096	0.16359	0.010	-4.3	20.0
	18 Freon-113	0.09094	0.10102	0.010	11.1	50.0
	19 Iodomethane	0.25070	0.24779	0.010	-1.2	50.0
	20 Carbon Disulfide	0.55570	0.54033	0.010	-2.8	50.0
	21 Methylene Chloride	250	232	0.010	7.4	50.0
	22 Acetonitrile	0.02214	0.02347	0.010	6.0	50.0
	23 Acrylonitrile	0.08056	0.08461	0.010	5.0	50.0
	24 Methyl tert-butyl ether	0.65863	0.69423	0.010	5.4	50.0
	25 trans-1,2-Dichloroethene	0.23238	0.23948	0.010	3.1	50.0
	26 Hexane	0.06663	0.07612	0.010	14.2	20.0
	27 Vinyl acetate	0.51699	0.54327	0.010	5.1	50.0
	28 1,1-Dichloroethane	0.45538	0.46088	0.100	1.2	50.0
	29 tert-Butyl Alcohol	0.02303	0.02441	0.010	6.0	50.0
	30 2-Butanone	0.14675	0.16331	0.010	11.3	50.0
M	31 1,2-Dichloroethene (total)	0.24276	0.24964	0.010	2.8	50.0
	32 cis-1,2-dichloroethene	0.25314	0.25980	0.010	2.6	50.0
	33 2,2-Dichloropropane	0.24837	0.25209	0.010	1.5	50.0
	34 Bromochloromethane	0.11640	0.12172	0.010	4.6	50.0
	35 Chloroform	0.41880	0.44459	0.010	6.2	20.0
	36 Tetrahydrofuran	0.08117	0.07665	0.010	-5.6	50.0
	37 1,1,1-Trichloroethane	0.33724	0.36453	0.010	8.1	50.0
	38 1,1-Dichloropropene	0.32954	0.36016	0.010	9.3	50.0
	39 Carbon Tetrachloride	0.29821	0.32095	0.010	7.6	50.0
	40 1,2-Dichloroethane	0.37393	0.39251	0.010	5.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 01-Jul-2004 21:00

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC

Injection Date: 01-JUL-2004 20:06
Init. Cal. Date(s): 03-JUN-2004 29-JUN-2004
Init. Cal. Times: 15:20 13:14
Quant Type: ISTD

Method: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m

	COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D	
	41 Benzene	0.99952	1.02124	0.010	2.2	50.0	
	42 Trichloroethene	0.24697	0.26353	0.010	6.7	50.0	
	43 1,2-Dichloropropane	0.25599	0.26133	0.010	2.1	20.0	
	44 1,4-Dioxane	0.00211	0.00213	0.010	0.8	50.0	<-
	45 Dibromomethane	0.13380	0.13883	0.010	3.8	50.0	
	46 Bromodichloromethane	0.30781	0.32880	0.010	6.8	50.0	
	47 2-Chloroethyl vinyl ether	0.12565	0.12984	0.010	3.3	50.0	
	48 cis-1,3-Dichloropropene	0.39537	0.41918	0.010	6.0	50.0	
	49 4-Methyl-2-pentanone	0.23518	0.26009	0.010	10.6	50.0	
	50 Toluene	1.66661	1.55888	0.010	-6.5	20.0	
	51 trans-1,3-Dichloropropene	0.56221	0.53135	0.010	-5.5	50.0	
	52 Ethyl Methacrylate	0.48974	0.47417	0.010	-3.2	50.0	
	53 1,1,2-Trichloroethane	0.30730	0.28553	0.010	-7.1	50.0	
	54 1,3-Dichloropropane	0.57497	0.54218	0.010	-5.7	50.0	
	55 Tetrachloroethene	0.28469	0.28440	0.010	-0.1	50.0	
	56 2-Hexanone	0.27865	0.30035	0.010	7.8	50.0	
	57 Dibromochloromethane	0.31921	0.31461	0.010	-1.4	50.0	
	58 1,2-Dibromoethane	0.29245	0.28073	0.010	-4.0	50.0	
	59 Chlorobenzene	0.97222	0.95932	0.300	-1.3	50.0	
	60 1,1,1,2-Tetrachloroethane	0.32259	0.32322	0.010	0.2	50.0	
	61 Ethylbenzene	0.50676	0.51007	0.010	0.7	20.0	
	62 m + p-Xylene	0.62596	0.63268	0.010	1.1	50.0	
M	63 Xylenes (total)	0.61127	0.61791	0.010	1.1	50.0	
	64 Xylene-o	0.58189	0.58836	0.010	1.1	50.0	
	65 Styrene	0.98668	1.03353	0.010	4.7	50.0	
	66 Bromoform	0.17081	0.17374	0.100	1.7	50.0	
	67 Isopropylbenzene	1.39666	1.46713	0.010	5.0	50.0	
	68 1,1,2,2-Tetrachloroethane	0.84020	0.80944	0.300	-3.7	50.0	
	69 1,4-Dichloro-2-butene	0.30476	0.27172	0.010	-10.8	50.0	
	70 1,2,3-Trichloropropane	0.29654	0.28375	0.010	-4.3	50.0	
	71 Bromobenzene	0.94838	0.89919	0.010	-5.2	50.0	
	72 n-Propylbenzene	1.06083	1.05058	0.010	-1.0	50.0	
	73 2-Chlorotoluene	0.89372	0.87634	0.010	-1.9	50.0	
	74 1,3,5-Trimethylbenzene	3.08134	3.06626	0.010	-0.5	50.0	
	75 4-Chlorotoluene	0.88758	0.87211	0.010	-1.7	50.0	
	76 tert-Butylbenzene	2.70860	2.60952	0.010	-3.7	50.0	

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 01-Jul-2004 21:00

STL North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL
Lab Sample ID: 250NG-CC
Injection Date: 01-JUL-2004 20:06
Init. Cal. Date(s): 03-JUN-2004 29-JUN-2004
Init. Cal. Times: 15:20 13:14
Quant Type: ISTD
Method: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m

COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
77 1,2,4-Trimethylbenzene	3.00817	2.98224	0.010	-0.9	50.0
78 sec-Butylbenzene	3.76714	3.71350	0.010	-1.4	50.0
79 4-Isopropyltoluene	2.95490	2.93125	0.010	-0.8	50.0
80 1,3-Dichlorobenzene	1.50946	1.47337	0.010	-2.4	50.0
81 1,4-Dichlorobenzene	1.52004	1.51318	0.010	-0.5	50.0
82 n-Butylbenzene	2.52401	2.52028	0.010	-0.1	50.0
83 1,2-Dichlorobenzene	1.37190	1.31608	0.010	-4.1	50.0
84 1,2-Dibromo-3-chloropropane	250	205	0.010	17.8	50.0
85 1,2,4-Trichlorobenzene	0.86122	0.75873	0.010	-11.9	50.0
86 Hexachlorobutadiene	0.48390	0.43375	0.010	-10.4	50.0
87 Naphthalene	2.19568	1.82708	0.010	-16.8	50.0
88 1,2,3-Trichlorobenzene	0.81806	0.71226	0.010	-12.9	50.0
98 Cyclohexane	0.42634	0.43759	0.010	2.6	50.0
143 Methyl Acetate	0.18084	0.18090	0.010	0.0	50.0
144 Methylcyclohexane	0.42927	0.46189	0.010	7.6	50.0
141 1,3,5-Trichlorobenzene	0.94605	0.86301	0.010	-8.8	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b/UX80805.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL

Injection Date: 01-JUL-2004 20:06
Lab Sample ID: 250NG-CC
Method File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
0 Chlorobenzene	250.0000	246.6836	1.3	50.0
0 Bromodichloromethane	250.0000	267.0487	6.8	50.0
0 1,1,2,2-Tetrachloroethane	250.0000	240.8457	3.7	50.0
0 Bromoform	250.0000	254.2892	1.7	50.0
0 Styrene	250.0000	261.8701	4.7	50.0
0 Xylene-o	250.0000	252.7796	1.1	50.0
0 Xylenes (total)	750.0000	758.1531	1.1	50.0
0 2-Hexanone	500.0000	538.9416	7.8	50.0
0 Chloromethane	250.0000	241.2030	3.5	50.0
0 Vinyl Chloride	250.0000	261.1864	4.5	20.0
0 Bromomethane	250.0000	303.6220	21.4	50.0
0 Chloroethane	250.0000	289.0974	15.6	50.0
0 1,1-Dichloroethane	250.0000	253.0201	1.2	50.0
0 Tetrachloroethene	250.0000	249.7480	0.1	50.0
0 Acetone	500.0000	586.5633	17.3	50.0
0 1,1-Dichloroethene	250.0000	239.2192	4.3	20.0
0 m + p-Xylene	500.0000	505.3735	1.1	50.0
0 Ethylbenzene	250.0000	251.6365	0.7	20.0
0 Carbon Disulfide	250.0000	243.0888	2.8	50.0
0 Methylene Chloride	250.0000	231.5990	7.4	50.0
0 1,2-Dichloropropane	250.0000	255.2168	2.1	20.0
0 1,1,2-Trichloroethane	250.0000	232.2960	7.1	50.0
0 Dibromochloromethane	250.0000	246.4015	1.4	50.0
0 trans-1,2-Dichloroethene	250.0000	257.6409	3.1	50.0
0 trans-1,3-Dichloropropene	250.0000	236.2774	5.5	50.0
0 cis-1,3-Dichloropropene	250.0000	265.0561	6.0	50.0
0 Chloroform	250.0000	265.3948	6.2	20.0
0 Toluene	250.0000	233.8397	6.5	20.0
0 2-Butanone	500.0000	556.3937	11.3	50.0
0 1,2-Dichloroethene (total)	500.0000	514.2264	2.8	50.0
0 cis-1,2-dichloroethene	250.0000	256.5855	2.6	50.0
0 4-Methyl-2-pentanone	500.0000	552.9710	10.6	50.0
0 1,2-Dichloroethane	250.0000	262.4205	5.0	50.0
0 Trichloroethene	250.0000	266.7589	6.7	50.0
0 1,1,1-Trichloroethane	250.0000	270.2264	8.1	50.0
0 Carbon Tetrachloride	250.0000	269.0656	7.6	50.0
0 Benzene	250.0000	255.4323	2.2	50.0
38 Dichlorodifluoromethane	250.0000	293.6676	17.5	50.0
39 Trichlorofluoromethane	250.0000	292.8846	17.2	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b/UX80805.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL

Injection Date: 01-JUL-2004 20:06
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	2820.3057	12.8	50.0
41 Acrylonitrile	2500.0000	2625.5030	5.0	50.0
42 Vinyl acetate	250.0000	262.7083	5.1	50.0
43 2-Chloroethyl vinyl ether	500.0000	516.6850	3.3	50.0
47 Freon-113	250.0000	277.6998	11.1	50.0
48 1,3-Dichlorobenzene	250.0000	244.0235	2.4	50.0
49 1,4-Dichlorobenzene	250.0000	248.8713	0.5	50.0
50 1,2-Dichlorobenzene	250.0000	239.8280	4.1	50.0
51 Acetonitrile	2500.0000	2650.2092	6.0	50.0
52 Iodomethane	250.0000	247.0947	1.2	50.0
59 1,4-Dioxane	12500.0000	12600.0137	0.8	50.0
60 Dibromomethane	250.0000	259.4079	3.8	50.0
62 Ethyl Methacrylate	250.0000	242.0512	3.2	50.0
63 1,2-Dibromoethane	250.0000	239.9752	4.0	50.0
64 1,1,1,2-Tetrachloroethane	250.0000	250.4885	0.2	50.0
65 1,2,3-Trichloropropane	250.0000	239.2175	4.3	50.0
66 1,4-Dichloro-2-butene	250.0000	222.9016	10.8	50.0
69 1,2-Dibromo-3-chloropropane	250.0000	205.4860	17.8	50.0
82 Methyl tert-butyl ether	250.0000	263.5116	5.4	50.0
84 Tetrahydrofuran	250.0000	236.0673	5.6	50.0
98 2,2-Dichloropropane	250.0000	253.7401	1.5	50.0
99 1,1-Dichloropropene	250.0000	273.2304	9.3	50.0
100 1,3-Dichloropropane	250.0000	235.7411	5.7	50.0
102 Bromobenzene	250.0000	237.0342	5.2	50.0
103 2-Chlorotoluene	250.0000	245.1395	1.9	50.0
104 n-Propylbenzene	250.0000	247.5841	1.0	50.0
105 4-Chlorotoluene	250.0000	245.6410	1.7	50.0
106 1,3,5-Trimethylbenzene	250.0000	248.7763	0.5	50.0
107 tert-Butylbenzene	250.0000	240.8549	3.7	50.0
108 1,2,4-Trimethylbenzene	250.0000	247.8458	0.9	50.0
109 sec-Butylbenzene	250.0000	246.4406	1.4	50.0
110 4-Isopropyltoluene	250.0000	247.9985	0.8	50.0
111 n-Butylbenzene	250.0000	249.6303	0.1	50.0
112 1,2,4-Trichlorobenzene	250.0000	220.2486	11.9	50.0
113 Naphthalene	250.0000	208.0308	16.8	50.0
114 Hexachlorobutadiene	250.0000	224.0909	10.4	50.0
115 1,2,3-Trichlorobenzene	250.0000	217.6663	12.9	50.0
124 tert-Butyl Alcohol	5000.0000	5298.4545	6.0	50.0

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b/UX80805.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

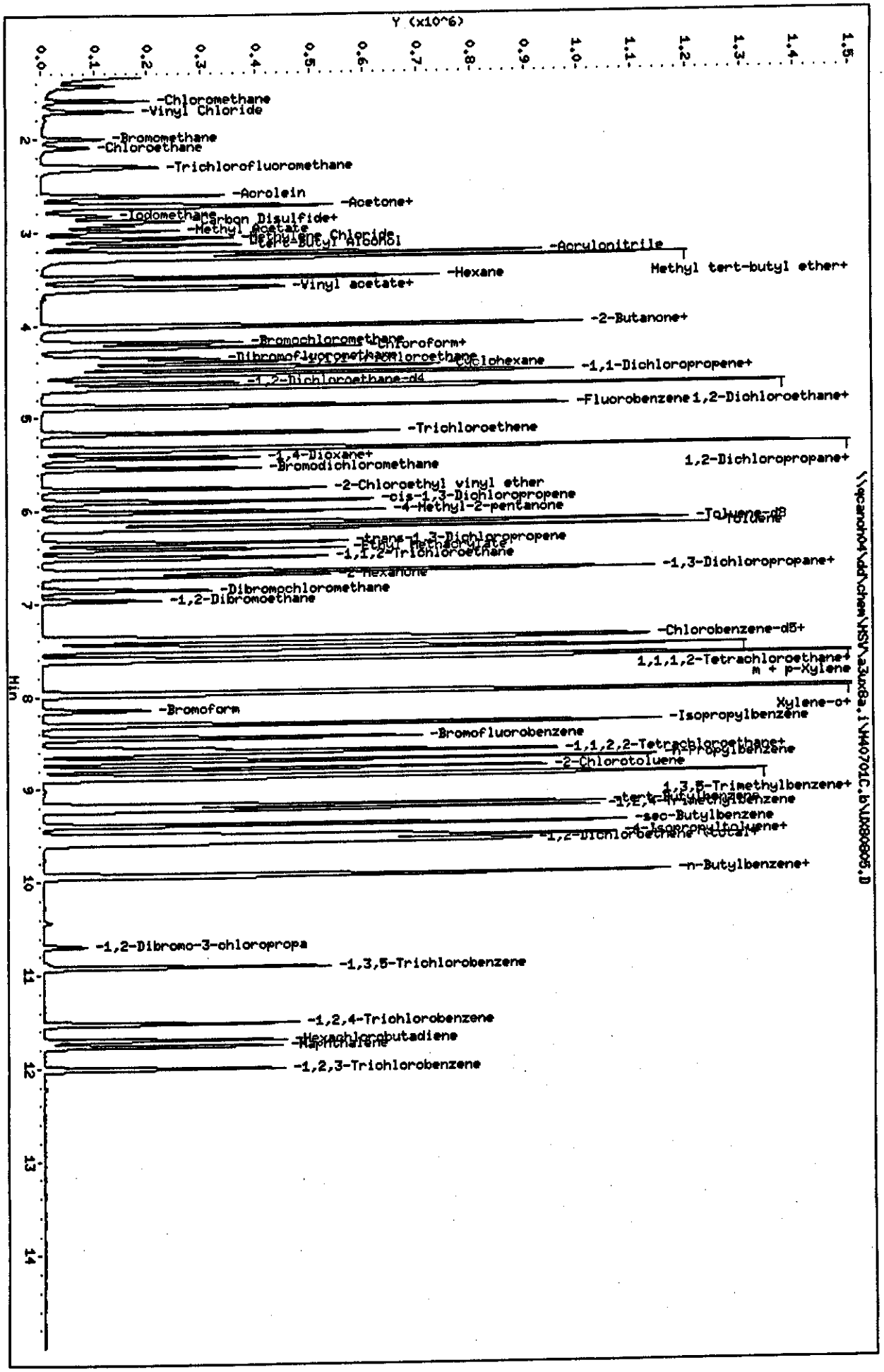
Instrument ID: a3ux8a.i
Lab File ID: UX80805.D
Analysis Type: SOIL

Injection Date: 01-JUL-2004 20:06
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	285.6040	14.2	20.0
127 Cyclohexane	250.0000	256.6005	2.6	50.0
128 Isopropylbenzene	250.0000	262.6137	5.0	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	261.4187	4.6	50.0
141 1,3,5-Trichlorobenzene	250.0000	228.0558	8.8	50.0
143 Methyl Acetate	500.0000	500.1633	0.0	50.0
144 Methylcyclohexane	250.0000	268.9988	7.6	50.0
22 Toluene-d8	250.0000	278.1949	11.3	50.0
32 Bromofluorobenzene	250.0000	260.2120	4.1	50.0
47 1,2-Dichloroethane-d4	250.0000	258.4676	3.4	50.0
131 Dibromofluoromethane	250.0000	268.9540	7.6	50.0

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40701C.b\UX80805.D
Date : 01-JUL-2004 20:06
Client ID:
Sample Info: 250NG-CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 02-Jul-2004 21:36

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Lab Smp Id: 250NG-CC
Inj Date : 01-JUL-2004 20:06
Operator : 1819 Inst ID: a3ux8a.i
Smp Info : 250NG-CC
Misc Info : M40701C,8260SUX8,1-8260.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.886	4.886	(1.000)	805956	250.000	
* 2 Chlorobenzene-d5	117	7.380	7.380	(1.000)	567597	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.558	9.558	(1.000)	212558	250.000	
$ 4 Dibromofluoromethane	113	4.363	4.363	(0.893)	185778	250.000	268.95
$ 5 1,2-Dichloroethane-d4	65	4.625	4.625	(0.946)	250102	250.000	258.47
$ 6 Toluene-d8	98	6.139	6.139	(1.256)	792548	250.000	278.19
$ 7 Bromofluorobenzene	95	8.451	8.451	(1.145)	263204	250.000	260.21
8 Dichlorodifluoromethane	85	1.431	1.431	(0.293)	141177	250.000	293.67
9 Chloromethane	50	1.595	1.595	(0.327)	170421	250.000	241.20
10 Vinyl Chloride	62	1.705	1.705	(0.349)	151582	250.000	261.19
11 Bromomethane	94	2.003	2.003	(0.410)	76136	250.000	303.62
12 Chloroethane	64	2.100	2.100	(0.430)	89485	250.000	289.10
13 Trichlorofluoromethane	101	2.313	2.313	(0.473)	227236	250.000	292.88
15 Acrolein	56	2.617	2.617	(0.536)	280996	2500.00	2820.3
16 Acetone	43	2.739	2.739	(0.561)	220127	500.000	586.56
17 1,1-Dichloroethene	96	2.714	2.714	(0.556)	131845	250.000	239.22
18 Freon-113	151	2.733	2.733	(0.559)	81417	250.000	277.70

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 02-Jul-2004 21:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 Iodomethane	142	2.830	2.830	(0.579)	199708	250.000	247.09
	20 Carbon Disulfide	76	2.891	2.891	(0.592)	435485	250.000	243.09
	21 Methylene Chloride	84	3.073	3.073	(0.629)	171157	250.000	231.60
	22 Acetonitrile	41	2.940	2.940	(0.602)	189137	2500.00	2650.2
	23 Acrylonitrile	53	3.238	3.238	(0.663)	681903	2500.00	2625.5
	24 Methyl tert-butyl ether	73	3.286	3.286	(0.673)	559515	250.000	263.51
	25 trans-1,2-Dichloroethene	96	3.286	3.286	(0.673)	193014	250.000	257.64
	26 Hexane	86	3.493	3.493	(0.715)	61347	250.000	285.60
	27 Vinyl acetate	43	3.615	3.615	(0.740)	437854	250.000	262.71
	28 1,1-Dichloroethane	63	3.590	3.590	(0.735)	371452	250.000	253.02
	29 tert-Butyl Alcohol	59	3.146	3.146	(0.644)	393421	5000.00	5298.4
	30 2-Butanone	43	4.010	4.010	(0.821)	263235	500.000	556.39
M	31 1,2-Dichloroethene (total)	96				402404	500.000	514.23
	32 cis-1,2-dichloroethene	96	4.022	4.022	(0.823)	209390	250.000	256.58
	33 2,2-Dichloropropane	77	4.028	4.028	(0.824)	203173	250.000	253.74
	34 Bromochloromethane	128	4.199	4.199	(0.859)	98099	250.000	261.42
	35 Chloroform	83	4.247	4.247	(0.869)	358323	250.000	265.39
	36 Tetrahydrofuran	42	4.235	4.235	(0.867)	61773	250.000	236.07
	37 1,1,1-Trichloroethane	97	4.406	4.406	(0.902)	293792	250.000	270.23
	38 1,1-Dichloropropene	75	4.527	4.527	(0.927)	290277	250.000	273.23
	39 Carbon Tetrachloride	117	4.539	4.539	(0.929)	258671	250.000	269.06
	40 1,2-Dichloroethane	62	4.679	4.679	(0.958)	316345	250.000	262.42
	41 Benzene	78	4.685	4.685	(0.959)	823073	250.000	255.43
	42 Trichloroethene	130	5.172	5.172	(1.059)	212392	250.000	266.76
	43 1,2-Dichloropropane	63	5.336	5.336	(1.092)	210618	250.000	255.22
	44 1,4-Dioxane	88	5.434	5.434	(1.112)	85799	12500.0	12600
	45 Dibromomethane	93	5.428	5.428	(1.111)	111894	250.000	259.41
	46 Bromodichloromethane	83	5.543	5.543	(1.134)	264997	250.000	267.05
	47 2-Chloroethyl vinyl ether	63	5.768	5.768	(1.181)	209289	500.000	516.68
	48 cis-1,3-Dichloropropene	75	5.908	5.908	(1.209)	337844	250.000	265.06
	49 4-Methyl-2-pentanone	43	6.012	6.012	(1.230)	419248	500.000	552.97
	50 Toluene	91	6.194	6.194	(0.839)	884813	250.000	233.84
	51 trans-1,3-Dichloropropene	75	6.352	6.352	(0.861)	301595	250.000	236.28
	52 Ethyl Methacrylate	69	6.419	6.419	(0.870)	269138	250.000	242.05
	53 1,1,2-Trichloroethane	97	6.511	6.511	(0.882)	162068	250.000	232.30
	54 1,3-Dichloropropane	76	6.663	6.663	(0.903)	307738	250.000	235.74
	55 Tetrachloroethene	164	6.669	6.669	(0.904)	161425	250.000	249.75
	56 2-Hexanone	43	6.711	6.711	(0.909)	340959	500.000	538.94
	57 Dibromochloromethane	129	6.863	6.863	(0.930)	178573	250.000	246.40
	58 1,2-Dibromoethane	107	6.973	6.973	(0.945)	159340	250.000	239.98
	59 Chlorobenzene	112	7.411	7.411	(1.004)	544507	250.000	246.68
	60 1,1,1,2-Tetrachloroethane	131	7.472	7.472	(1.012)	183460	250.000	250.49
	61 Ethylbenzene	106	7.502	7.502	(1.016)	289517	250.000	251.64
	62 m + p-Xylene	106	7.606	7.606	(1.030)	718218	500.000	505.37
M	63 Xylenes (total)	106				1052170	750.000	758.15
	64 Xylene-o	106	7.971	7.971	(1.080)	333952	250.000	252.78
	65 Styrene	104	7.977	7.977	(1.081)	586628	250.000	261.87

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80805.D
Report Date: 02-Jul-2004 21:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66 Bromoform	173	8.147	8.147	(1.104)	98617	250.000	254.29
67 Isopropylbenzene	105	8.311	8.311	(1.126)	832739	250.000	262.61
68 1,1,2,2-Tetrachloroethane	83	8.567	8.567	(0.896)	172052	250.000	240.84
69 1,4-Dichloro-2-butene	53	8.621	8.621	(0.902)	57757	250.000	222.90
70 1,2,3-Trichloropropane	110	8.615	8.615	(0.901)	60313	250.000	239.22
71 Bromobenzene	156	8.603	8.603	(0.900)	191131	250.000	237.03
72 n-Propylbenzene	120	8.701	8.701	(0.910)	223309	250.000	247.58
73 2-Chlorotoluene	126	8.786	8.786	(0.919)	186273	250.000	245.14
74 1,3,5-Trimethylbenzene	105	8.865	8.865	(0.927)	651758	250.000	248.78
75 4-Chlorotoluene	126	8.883	8.883	(0.929)	185373	250.000	245.64
76 tert-Butylbenzene	119	9.175	9.175	(0.960)	554675	250.000	240.85
77 1,2,4-Trimethylbenzene	105	9.224	9.224	(0.965)	633900	250.000	247.84
78 sec-Butylbenzene	105	9.388	9.388	(0.982)	789335	250.000	246.44
79 4-Isopropyltoluene	119	9.528	9.528	(0.997)	623060	250.000	248.00
80 1,3-Dichlorobenzene	146	9.498	9.498	(0.994)	313177	250.000	244.02
81 1,4-Dichlorobenzene	146	9.583	9.583	(1.003)	321638	250.000	248.87
82 n-Butylbenzene	91	9.923	9.923	(1.038)	535705	250.000	249.63
83 1,2-Dichlorobenzene	146	9.948	9.948	(1.041)	279744	250.000	239.83
84 1,2-Dibromo-3-chloropropane	157	10.696	10.696	(1.119)	23413	250.000	205.48
85 1,2,4-Trichlorobenzene	180	11.529	11.529	(1.206)	161275	250.000	220.25
86 Hexachlorobutadiene	225	11.706	11.706	(1.225)	92197	250.000	224.09
87 Naphthalene	128	11.767	11.767	(1.231)	388360	250.000	208.03
88 1,2,3-Trichlorobenzene	180	12.010	12.010	(1.256)	151396	250.000	217.67
98 Cyclohexane	56	4.460	4.460	(0.913)	352681	250.000	256.60
143 Methyl Acetate	43	2.994	2.994	(0.613)	291590	500.000	500.16
144 Methylcyclohexane	83	5.336	5.336	(1.092)	372264	250.000	269.00
141 1,3,5-Trichlorobenzene	180	10.921	10.921	(1.143)	183440	250.000	228.06

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40701C.b\UX80806.D
Report Date: 01-Jul-2004 20:56

STL - North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux8a.i
Lab File ID: UX80806.D
Analysis Type: SOIL
Lab Sample ID: 250NG-A9CC
Method: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m

Injection Date: 01-JUL-2004 20:30
Init. Cal. Date(s): 03-JUN-2004 29-JUN-2004
Init. Cal. Times: 15:20 13:14
Quant Type: ISTD

COMPOUND	RRF	RF250	MIN RRF	%D	MAX %D
14 Dichlorofluoromethane	0.24008	0.24254	0.010	1.0	50.0
89 Ethyl Ether	0.21961	0.20776	0.010	-5.4	50.0
91 3-Chloropropene	0.11406	0.11705	0.010	2.6	50.0
92 Isopropyl Ether	0.22211	0.21412	0.010	-3.6	50.0
93 2-Chloro-1,3-butadiene	0.40400	0.40364	0.010	-0.1	50.0
94 Propionitrile	0.03276	0.03191	0.010	-2.6	50.0
95 Ethyl Acetate	0.26088	0.25488	0.010	-2.3	50.0
96 Methacrylonitrile	0.16096	0.15733	0.010	-2.3	50.0
97 Isobutanol	5000	4368	0.010	12.6	50.0
99 n-Butanol	5000	4375	0.010	12.5	50.0
100 Methyl Methacrylate	0.24292	0.23563	0.010	-3.0	50.0
101 2-Nitropropane	500	452	0.010	9.5	50.0
146 2-Methylnaphthalene	500	475	0.010	4.9	50.0
103 Cyclohexanone	2500	2329	0.010	6.8	50.0

Data File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40701C.b/UX80806.D
Report Date: 07/01/2004

CONTINUING CALIBRATION COMPOUNDS
PERCENT DRIFT REPORT

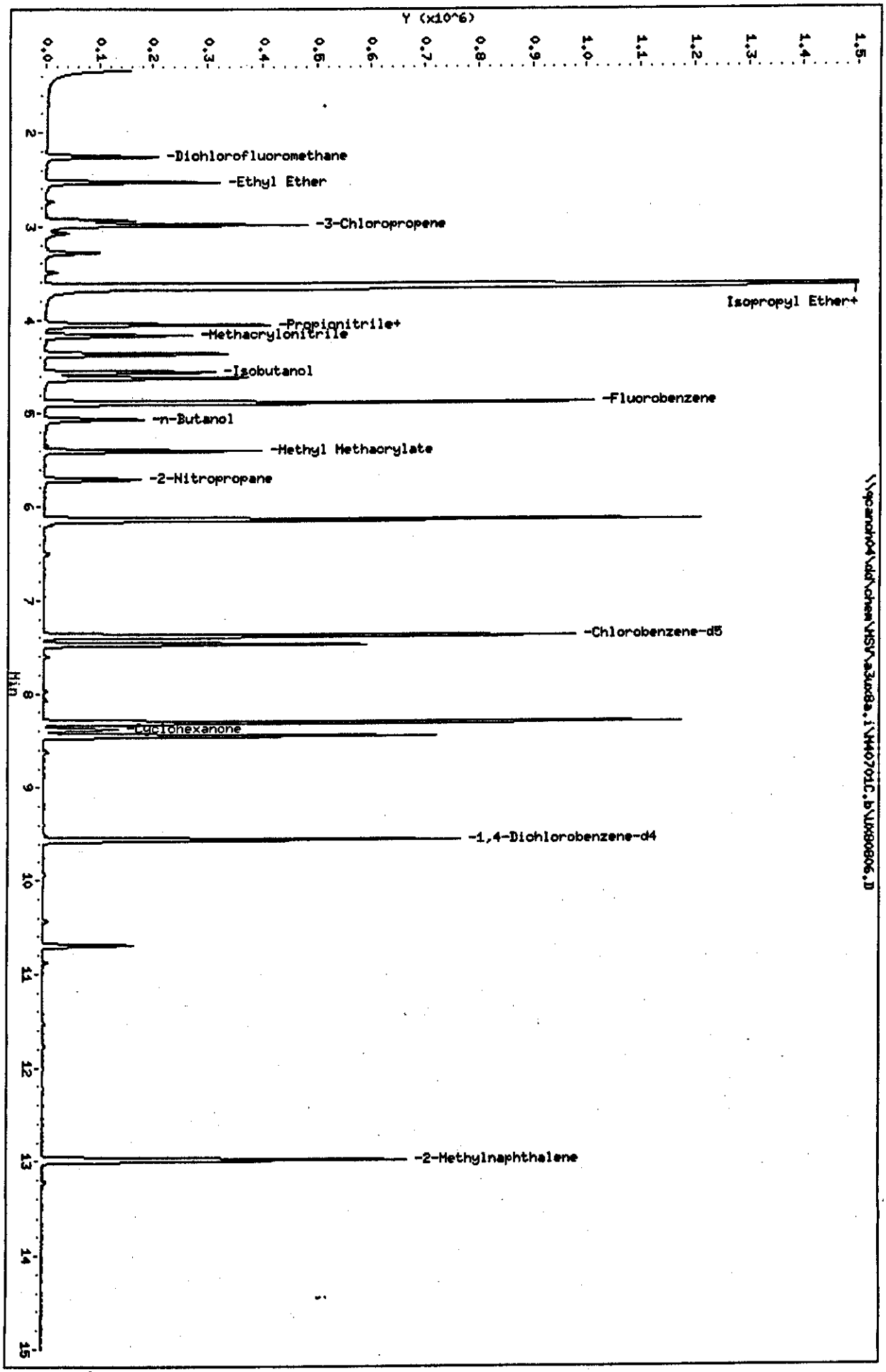
Instrument ID: a3ux8a.i
Lab File ID: UX80806.D
Analysis Type: SOIL

Injection Date: 01-JUL-2004 20:30
Lab Sample ID: 250NG-A9CC
Method File: \\QCANOH04\DD\chem\MSV\a3ux8a.i\M40701C.

COMPOUND	EXPECTED CONC.	MEASURED CONC.	%D	MAX %D
39 Chlorobenzene-d5	250.0000	250.0000	0.0	50.0
53 3-Chloropropene	250.0000	256.5541	2.6	50.0
54 2-Chloro-1,3-butadiene	250.0000	249.7736	0.1	50.0
55 Propionitrile	500.0000	487.0787	2.6	50.0
56 Methacrylonitrile	250.0000	244.3623	2.3	50.0
57 Isobutanol	5000.0000	4368.4404	12.6	50.0
58 Methyl Methacrylate	250.0000	242.4963	3.0	50.0
73 n-Butanol	5000.0000	4374.6852	12.5	50.0
74 Ethyl Acetate	500.0000	488.5023	2.3	50.0
75 Cyclohexanone	2500.0000	2329.4426	6.8	50.0
76 Ethyl Ether	250.0000	236.5005	5.4	50.0
85 Dichlorofluoromethane	250.0000	252.5597	1.0	50.0
86 2-Nitropropane	500.0000	452.3750	9.5	50.0
126 Isopropyl Ether	1250.0000	1205.0369	3.6	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	475.3983	4.9	50.0

Data File: \\qcandh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80806.D
Date : 01-JUL-2004 20:30
Client ID:
Sample Info: 250NG-49CC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80806.D
Report Date: 02-Jul-2004 21:35

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80806.D
Lab Smp Id: 250NG-A9CC
Inj Date : 01-JUL-2004 20:30
Operator : 1819 Inst ID: a3ux8a.i
Smp Info : 250NG-A9CC
Misc Info : M40701C,8260SUX8,3-IX.SUB,1819,2
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.883	4.883	(1.000)	815904	250.000	
* 2 Chlorobenzene-d5	117	7.383	7.383	(1.000)	565772	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.561	9.561	(1.000)	219596	250.000	
14 Dichlorofluoromethane	67	2.261	2.261	(0.463)	197887	250.000	252.56
89 Ethyl Ether	59	2.529	2.529	(0.518)	169509	250.000	236.50
91 3-Chloropropene	76	2.985	2.985	(0.611)	95500	250.000	256.55
92 Isopropyl Ether	87	3.642	3.642	(0.746)	873508	1250.00	1205.0(A)
93 2-Chloro-1,3-butadiene	53	3.666	3.666	(0.751)	329328	250.000	249.77
94 Propionitrile	54	4.043	4.043	(0.828)	52071	500.000	487.08
95 Ethyl Acetate	43	4.055	4.055	(0.831)	415911	500.000	488.50
96 Methacrylonitrile	41	4.165	4.165	(0.853)	128366	250.000	244.36
97 Isobutanol	41	4.560	4.560	(0.618)	130193	5000.00	4368.4(A)
99 n-Butanol	56	5.059	5.059	(0.685)	100399	5000.00	4374.7(A)
100 Methyl Methacrylate	41	5.400	5.400	(1.106)	192253	250.000	242.50
101 2-Nitropropane	41	5.710	5.710	(1.169)	103878	500.000	452.37
146 2-Methylnaphthalene	142	12.986	12.986	(1.358)	436753	500.000	475.40
103 Cyclohexanone	55	8.381	8.381	(0.877)	62047	2500.00	2329.4

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80806.D
Report Date: 02-Jul-2004 21:35

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

SEVERN TRENT STL

RAW QC DATA

Data File: \\qcanoh04\qc\chem\MSV\a3ux7.i\U40421A.b\FB222.D

Date : 21-APR-2004 08:50

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

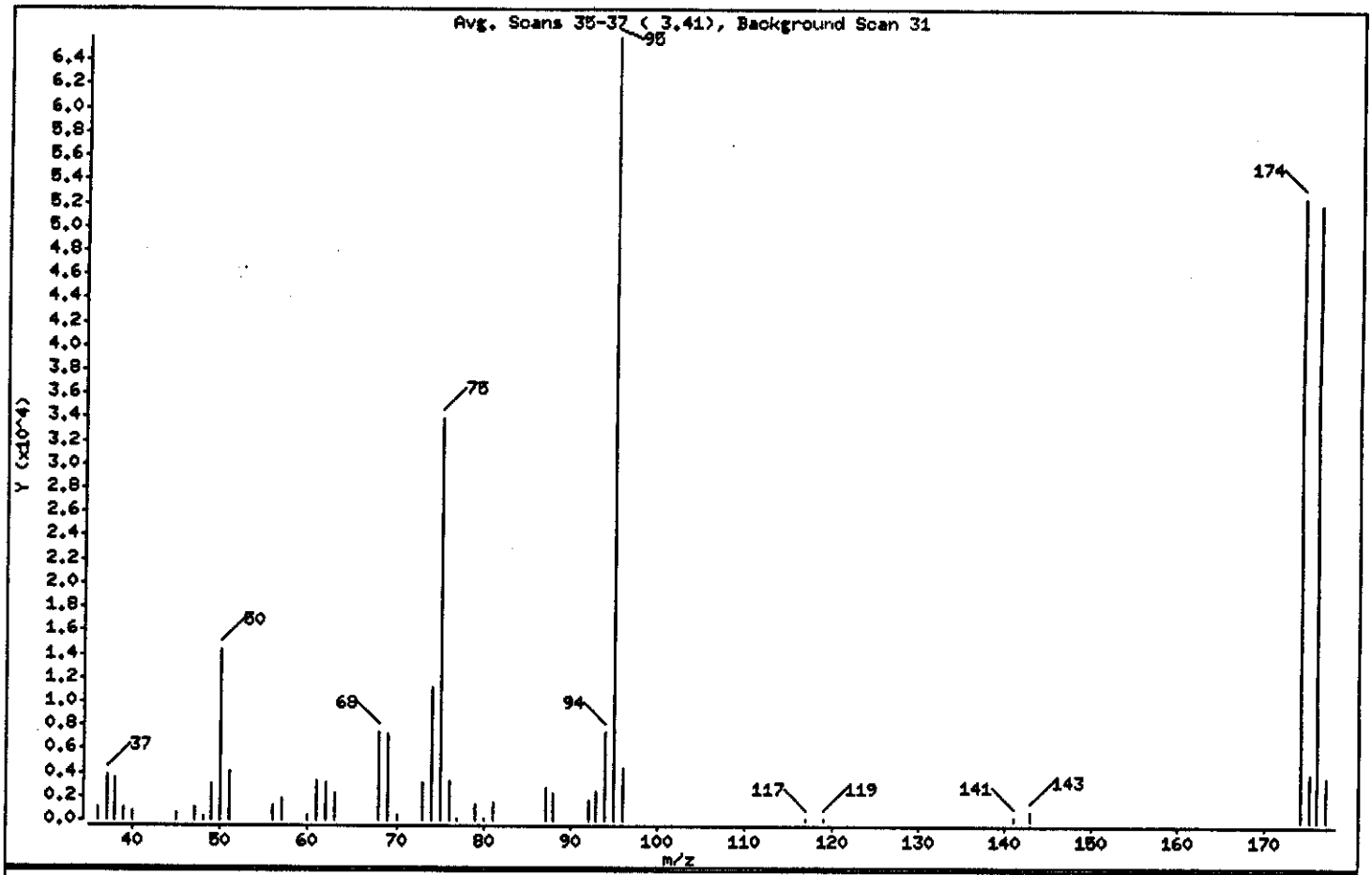
Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18

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\[illegible]\U40421A.b\BFB222.D

Page 3

Date : 21-APR-2004 08:50

Client ID: [illegible]NGBFB

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[illegible] ([illegible].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

Date : 21-APR-2004 08:50

Client ID: 50NGBFB

Sample Info:

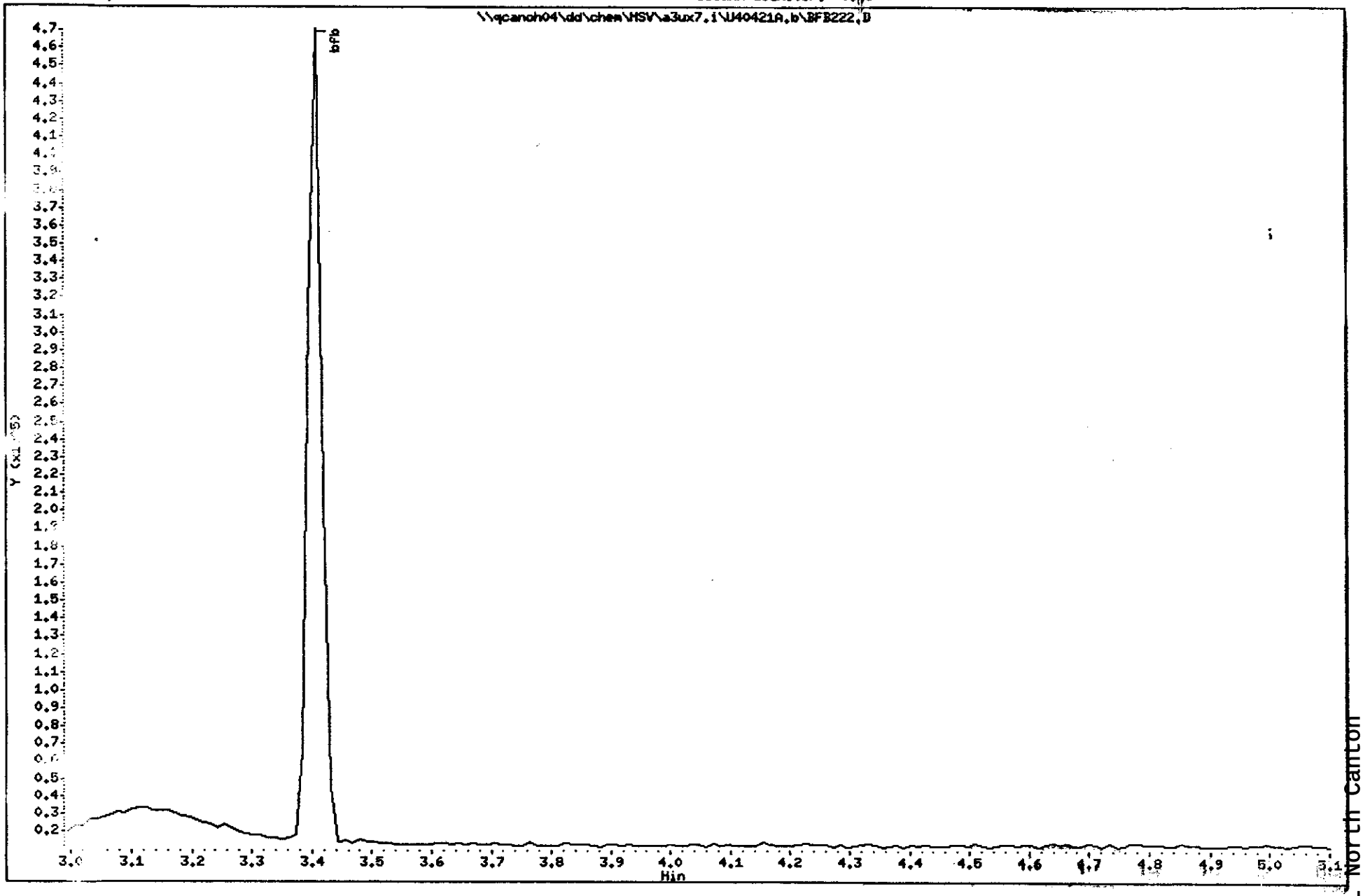
Volume Injected (uL): 1.0

Column phase: DB624 20m

Instrument: a3ux7.i

Operator: 1754

Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U406021c.b\BFB277.D

Date : 02-JUN-2004 11:51

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

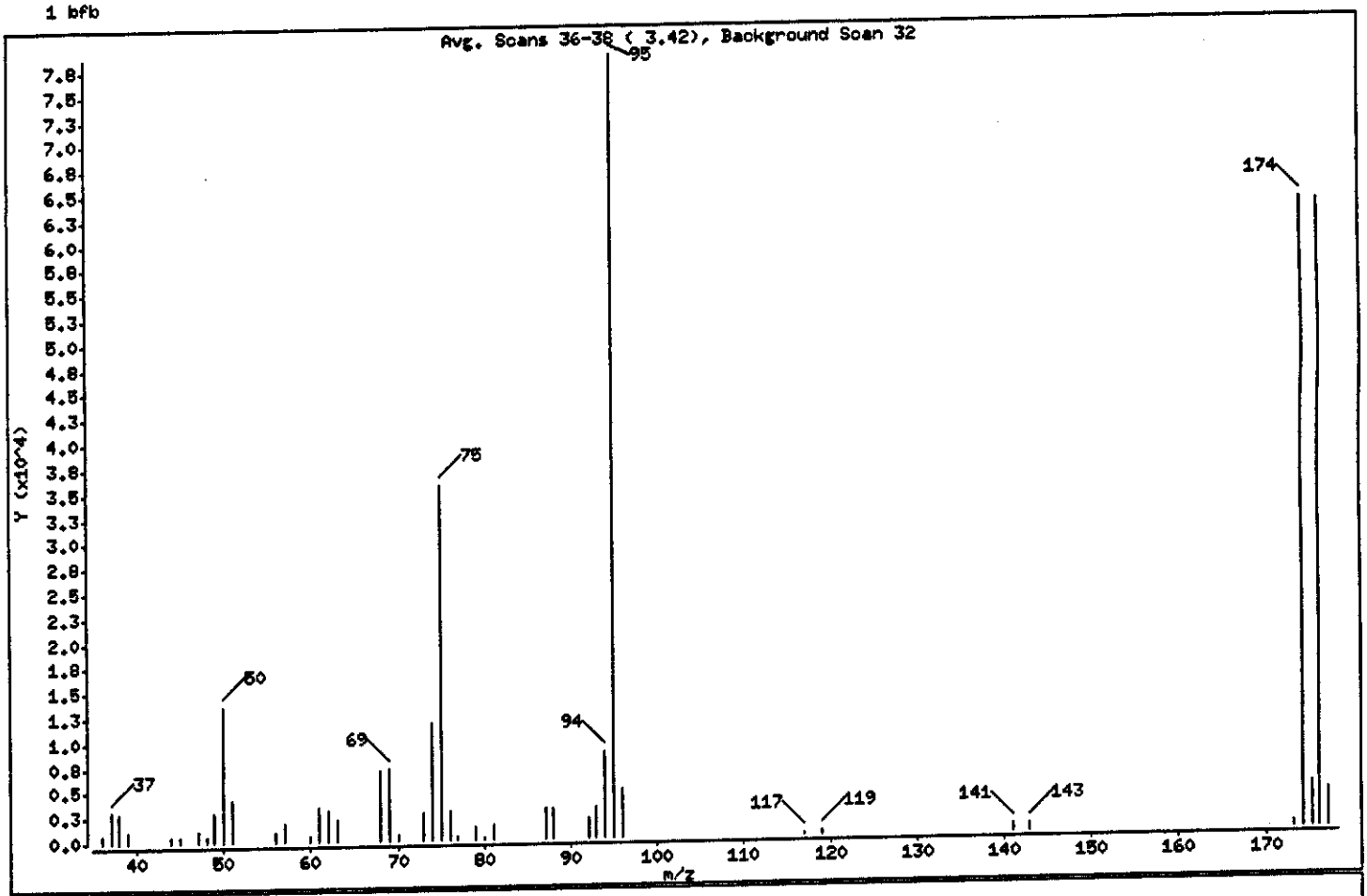
Volume Injected (uL): 1.0

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\U40602io.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

Instrument: a3ux7.i

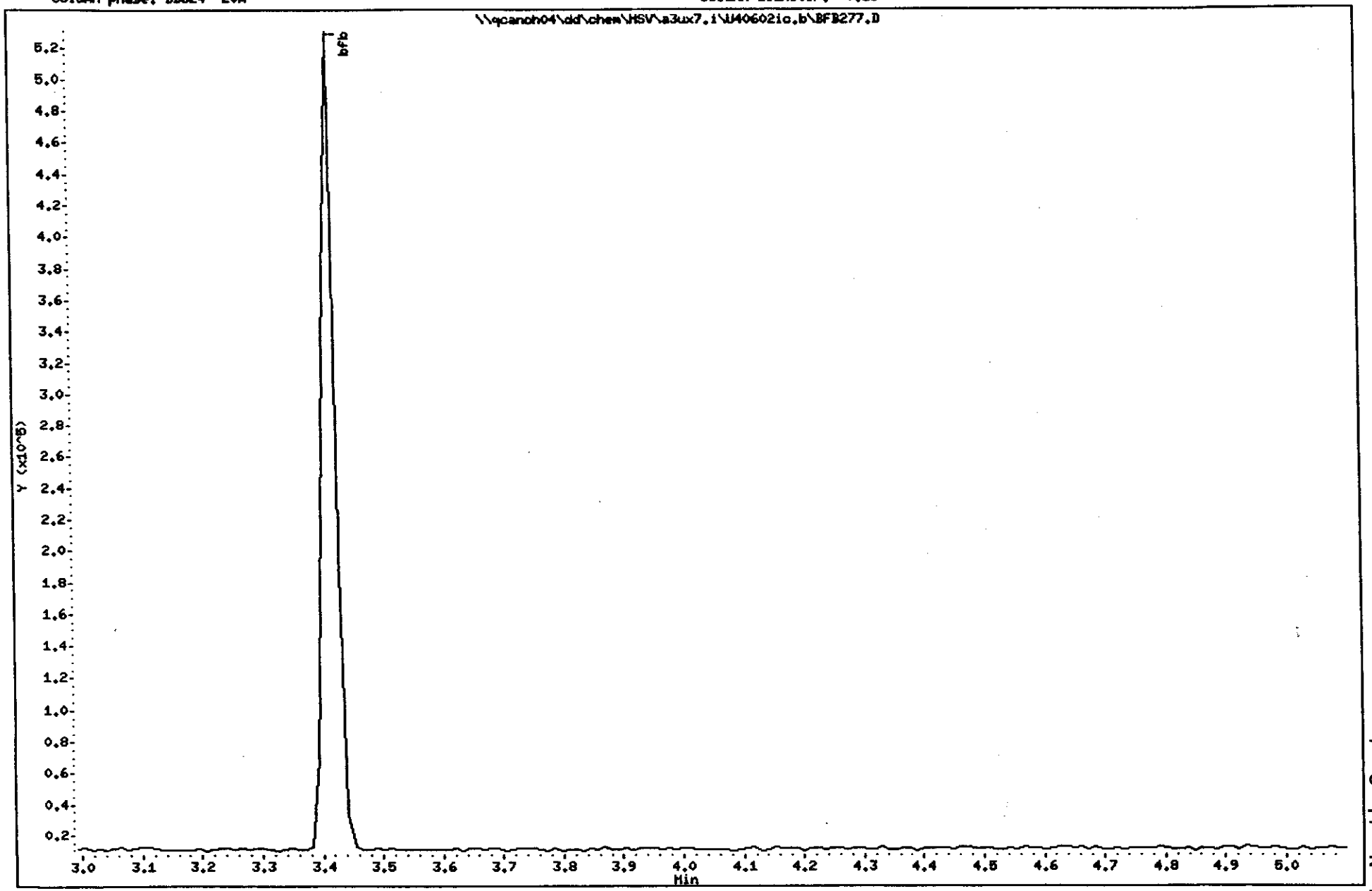
Sample Info:

Volume Injected (uL): 1.0

Operator: 1754

Column phase: DB624 20m

Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\BFB310.D

Date : 29-JUN-2004 07:17

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

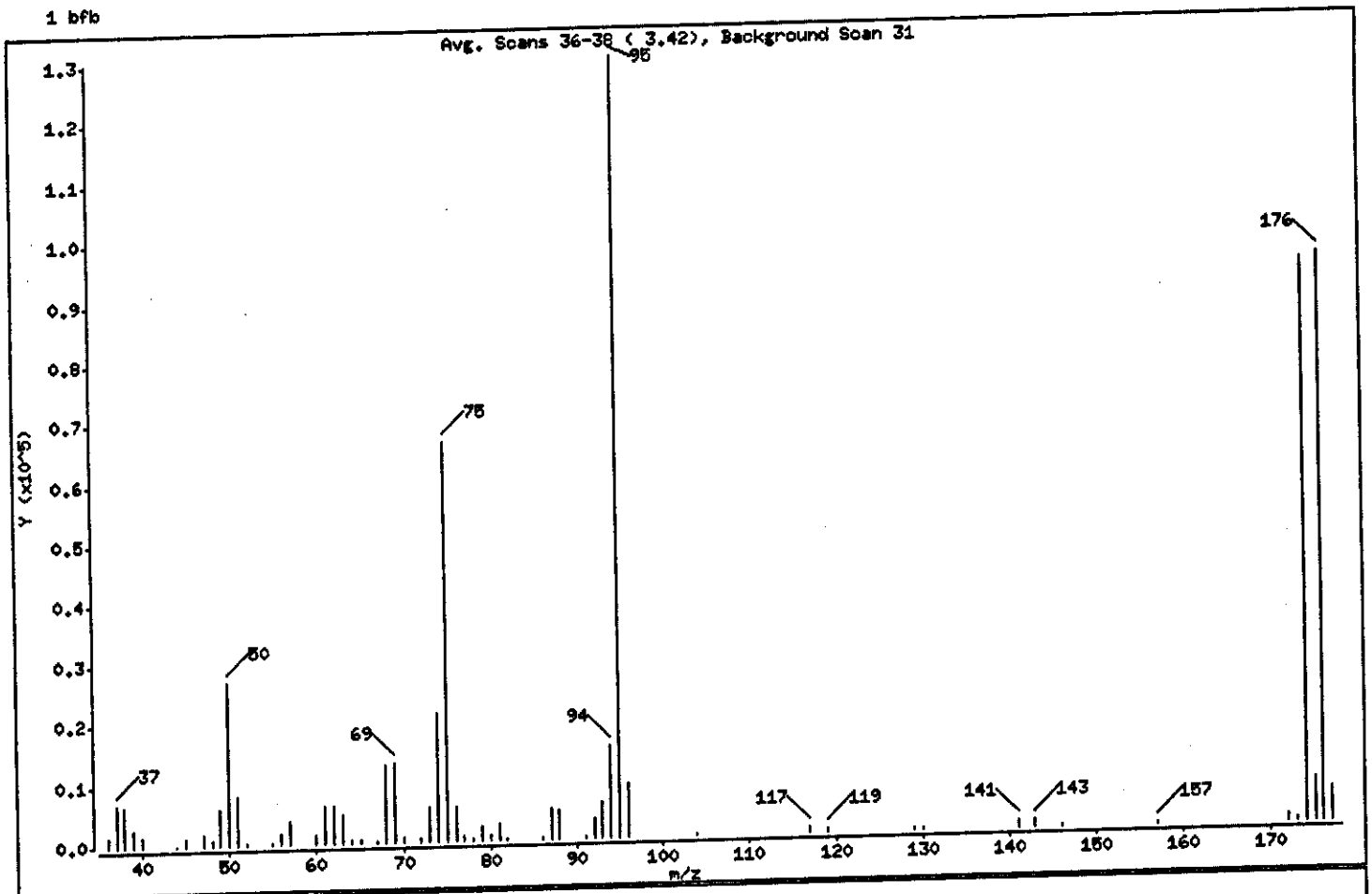
Operator: 43582

Volume Injected (uL): 1.0

Column diameter: 0.18

Column phase: DB624 20m

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	20.80
75	30.00 - 60.00% of mass 95	50.97
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.43 (0.59)
174	50.00 - 100.00% of mass 95	72.26
175	5.00 - 9.00% of mass 174	5.61 (7.76)
176	95.00 - 101.00% of mass 174	72.85 (100.82)
177	5.00 - 9.00% of mass 176	4.43 (6.08)

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\BFB310.D

Date : 29-JUN-2004 07:17

Client ID: 50NGBFB

Instrument: a3ux7.i

Sample Info:

Volume Injected (uL): 1.0

Operator: 43582

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB310.D

Spectrum: Avg. Scans 36-38 (3.42), Background Scan 31

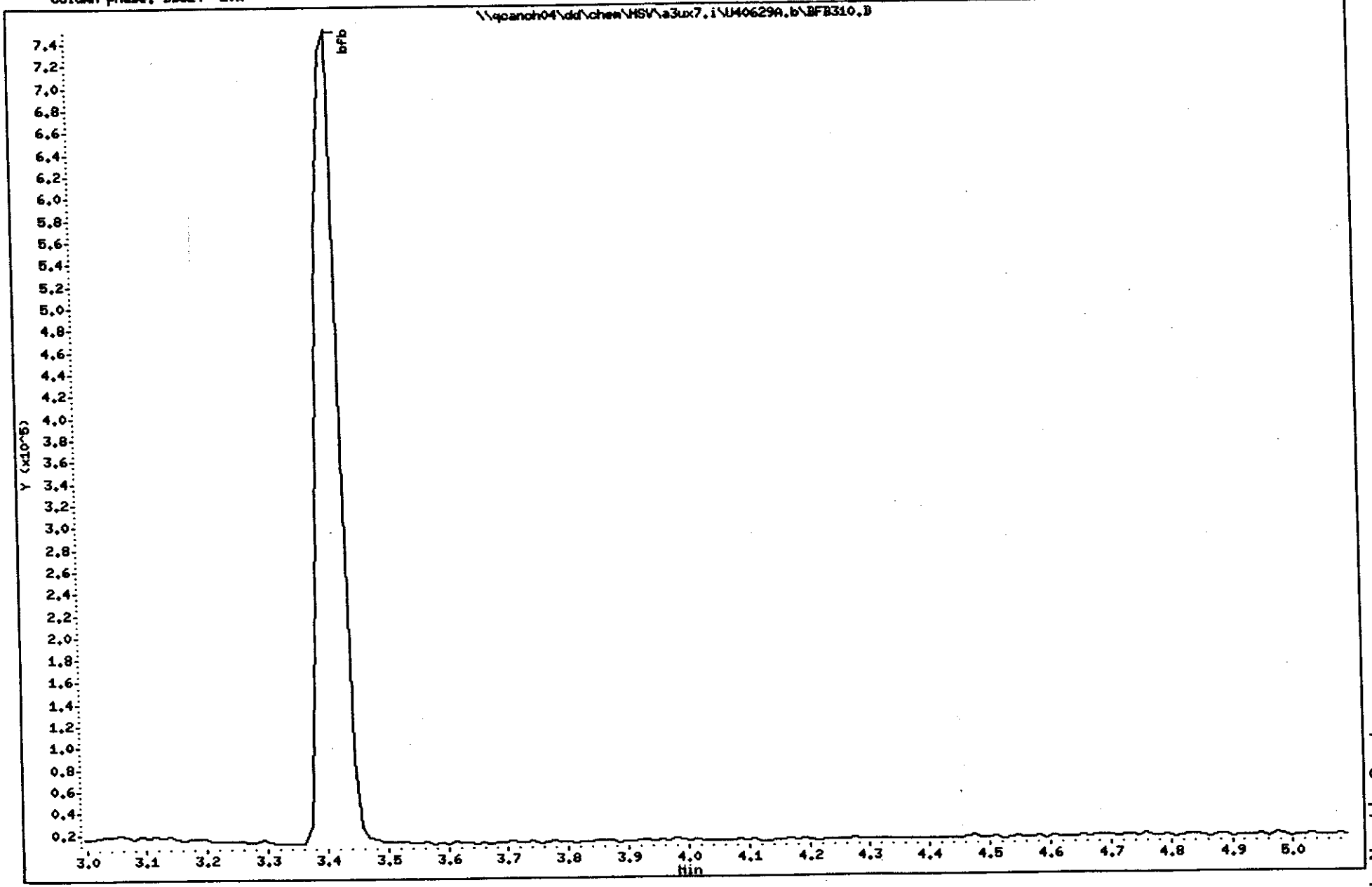
Location of Maximum: 95.00

Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1448	60.00	1370	78.00	435	119.00	642
37.00	6971	61.00	6224	79.00	2471	129.00	225
38.00	6500	62.00	6319	80.00	772	130.00	214
39.00	2817	63.00	4670	81.00	2809	141.00	1154
40.00	1461	64.00	635	82.00	396	143.00	1228
44.00	56	65.00	588	86.00	170	146.00	176
45.00	1139	67.00	232	87.00	5203	157.00	195
47.00	1909	68.00	12819	88.00	4808	172.00	1137
48.00	755	69.00	13186	91.00	433	173.00	560
49.00	5856	70.00	980	92.00	3226	174.00	94152
50.00	27104	72.00	535	93.00	5901	175.00	7308
51.00	8089	73.00	5564	94.00	15402	176.00	94928
52.00	172	74.00	21200	95.00	130312	177.00	5772
55.00	189	75.00	66424	96.00	8954		
56.00	1813	76.00	5753	104.00	269		
57.00	3845	77.00	881	117.00	791		

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U40629A.b\BFB310.D
Date : 29-JUN-2004 07:17
Client ID: 50NGBFB
Sample Info:
Volume Injected (uL): 1.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 43582
Column diameter: 0.18



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

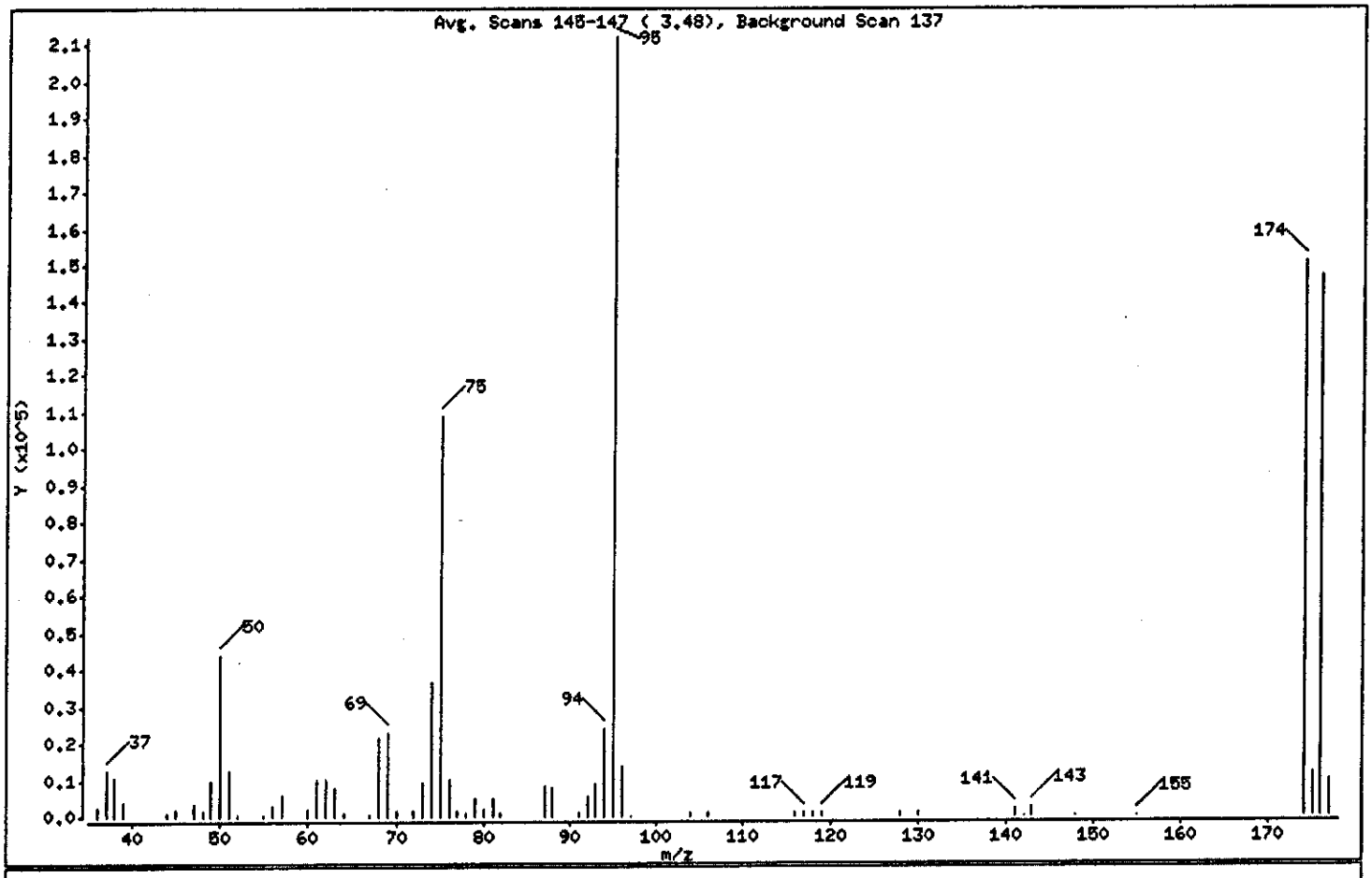
Sample Info: 50NG INJECTION OF BFB

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	4.57 (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

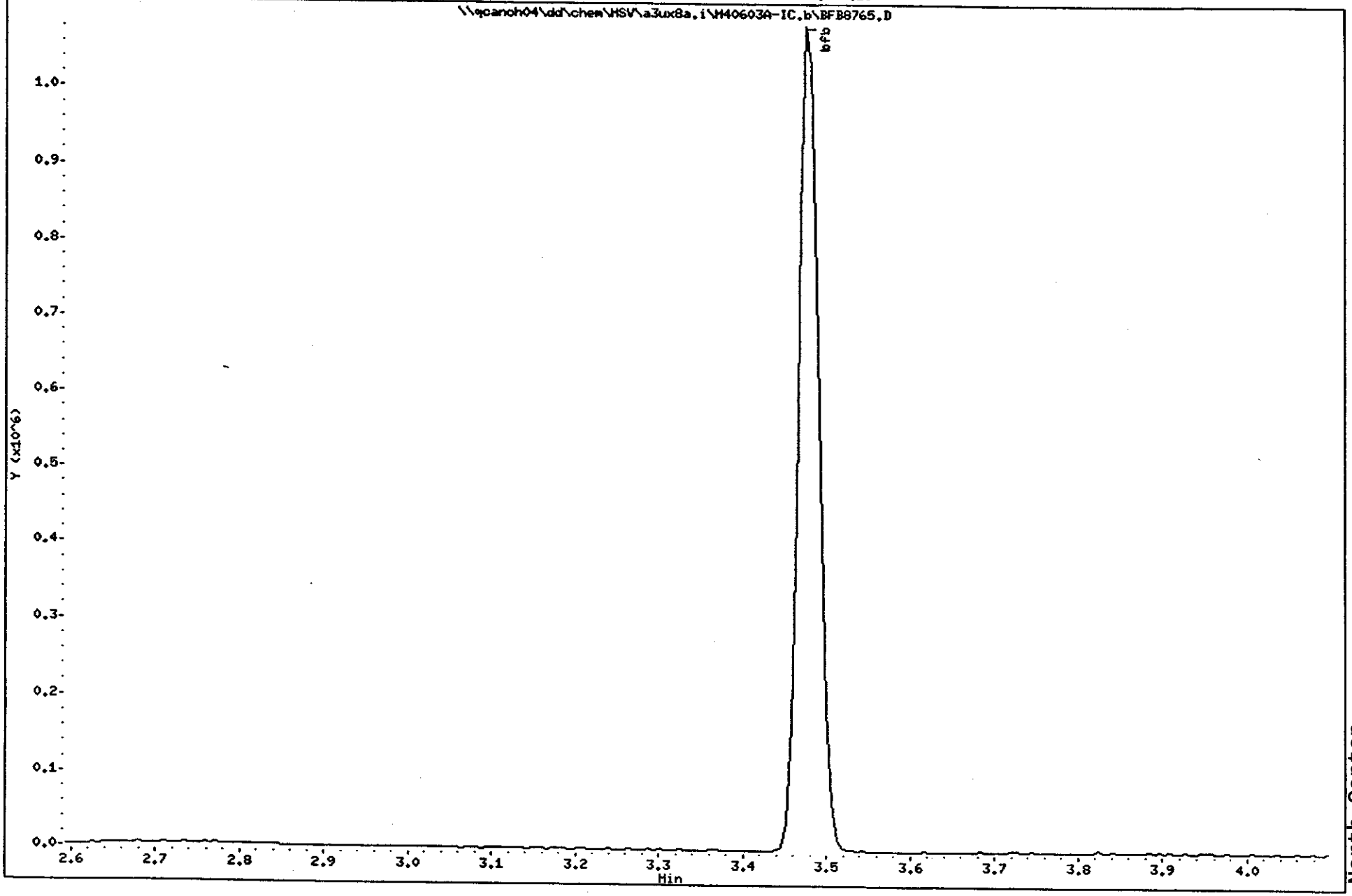
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2404	61.00	10430	80.00	1723	118.00	824
37.00	12533	62.00	10121	81.00	5089	119.00	1116
38.00	10640	63.00	7625	82.00	1044	128.00	773
39.00	3927	64.00	903	87.00	8121	130.00	750
44.00	1069	67.00	437	88.00	8008	141.00	2034
45.00	2046	68.00	21672	91.00	798	142.00	168
47.00	3371	69.00	22976	92.00	5358	143.00	2581
48.00	1346	70.00	1537	93.00	8624	149.00	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\HSV\a3ux8a.i\H40603A-IC.b\BFB8765.D
Date : 03-JUN-2004 14:36
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux8a.i

Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\M40629A-IC.b\BFB8796.D

Date : 29-JUN-2004 10:06

Client ID: 50NGBFB

Instrument: a3ux8a.i

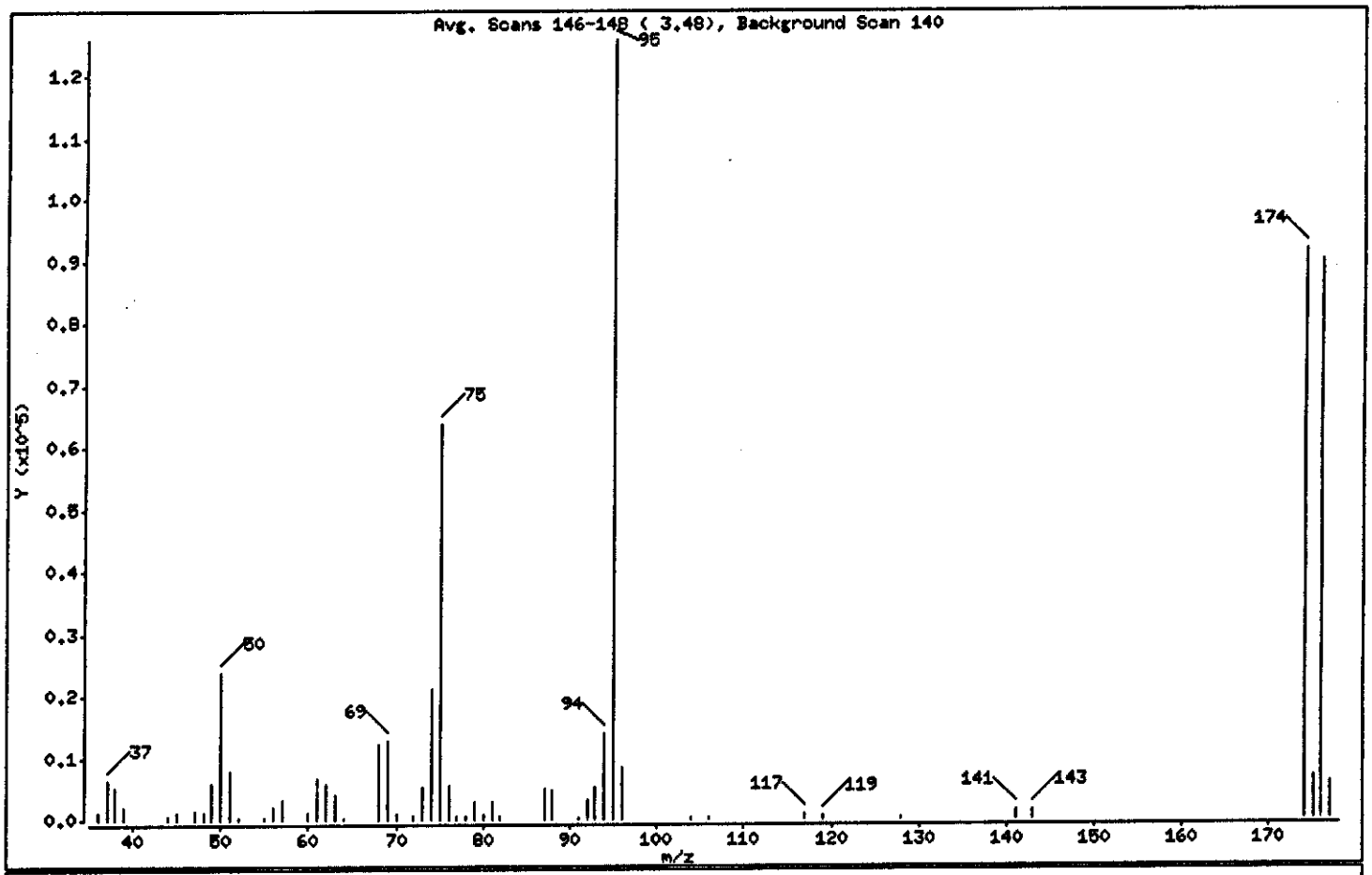
Sample Info: 50NG INJECTION OF BFB

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	18.99
75	30.00 - 60.00% of mass 95	50.68
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.71
175	5.00 - 9.00% of mass 174	5.26 (7.24)
176	95.00 - 101.00% of mass 174	71.53 (98.37)
177	5.00 - 9.00% of mass 176	4.56 (6.38)

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40629A-IC.b\BFB8796.D

Date : 29-JUN-2004 10:06

Client ID: 50NGBFB Instrument: a3ux8a.i

Sample Info: 50NG INJECTION OF BFB

Operator: 2807

Column phase: DB624 20m Column diameter: 0.18

Data File: BFB8796.D
Spectrum: Avg. Scans 146-148 (3.48), Background Scan 140
Location of Maximum: 95.00
Number of points: 53

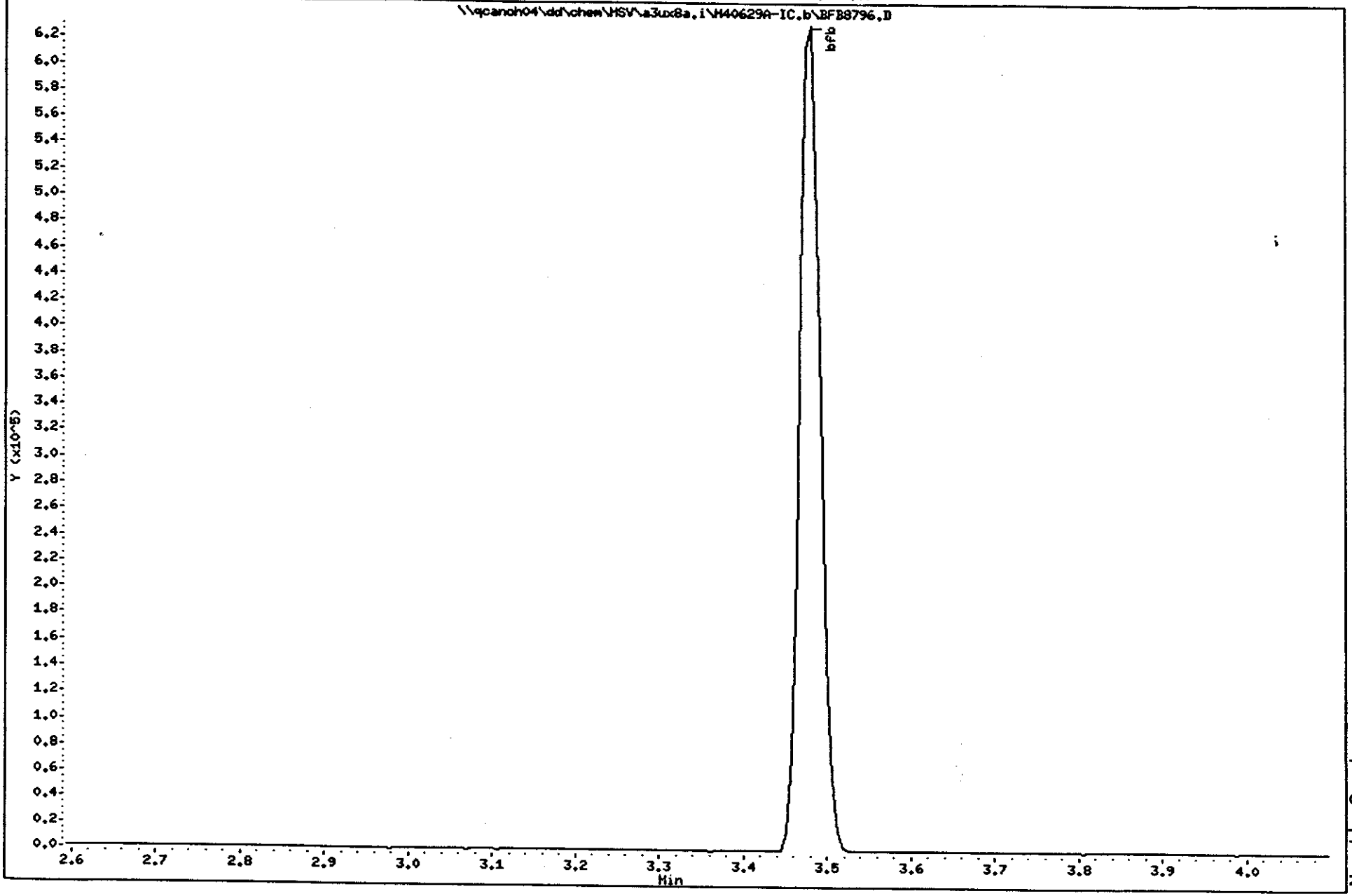
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1219	57.00	3127	77.00	655	104.00	207
37.00	6426	60.00	1124	78.00	448	106.00	195
38.00	5266	61.00	6588	79.00	2886	117.00	901
39.00	2018	62.00	5868	80.00	994	119.00	461
44.00	519	63.00	4084	81.00	2832	128.00	417
45.00	1128	64.00	178	82.00	604	141.00	1324
47.00	1510	68.00	12231	87.00	4790	143.00	1310
48.00	1062	69.00	12674	88.00	4594	174.00	91520
49.00	5729	70.00	910	91.00	215	175.00	6625
50.00	23904	72.00	526	92.00	3260	176.00	90032
51.00	7824	73.00	5338	93.00	5187	177.00	5741
52.00	185	74.00	21032	94.00	13888		
55.00	217	75.00	63784	95.00	125872		
56.00	2039	76.00	5575	96.00	8430		

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40629A-IC.b\BFB8796.D
Date : 29-JUN-2004 10:06
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux8a.i

Operator: 2807
Column diameter: 0.18

Column phase: DB624 20m



Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\M40701C.b\BFB8800.D

Date : 01-JUL-2004 19:28

Client ID: 50NGBFB

Instrument: a3ux8a.i

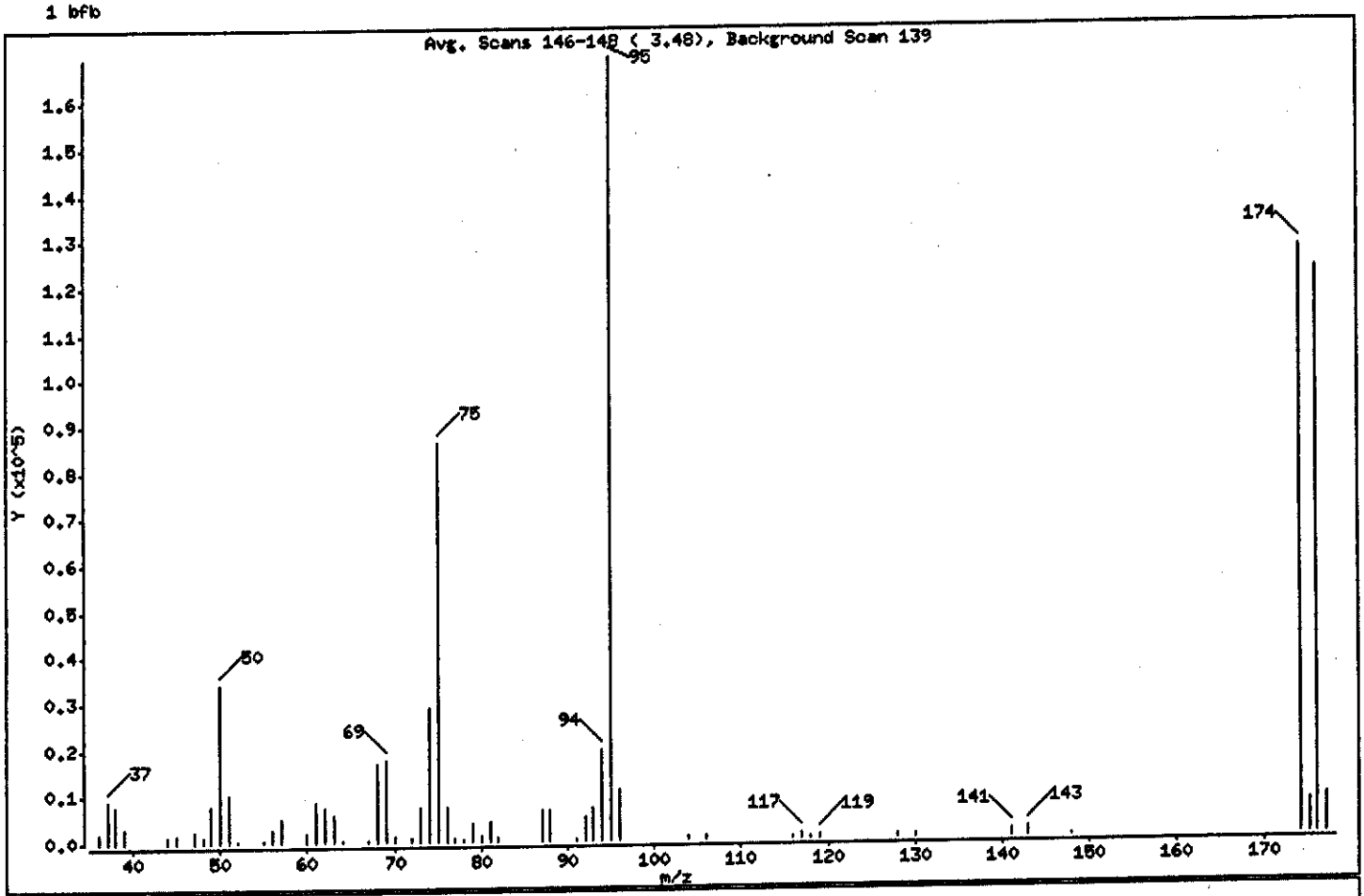
Sample Info: 50NG INJECTION OF BFB

Operator: 1819

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	20.06
75	30.00 - 60.00% of mass 95	50.84
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	74.89
175	5.00 - 9.00% of mass 174	4.20 (5.61)
176	95.00 - 101.00% of mass 174	72.13 (96.31)
177	5.00 - 9.00% of mass 176	4.87 (6.76)

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\BFB8800.D

Date : 01-JUL-2004 19:28

Client ID: 50NGBFB

Instrument: a3ux8a.i

Sample Info: 50NG INJECTION OF BFB

Operator: 1819

Column phase: DB624 20m

Column diameter: 0.18

Data File: BFB8800.D

Spectrum: Avg. Scans 146-148 (3.48), Background Scan 139

Location of Maximum: 95.00

Number of points: 58

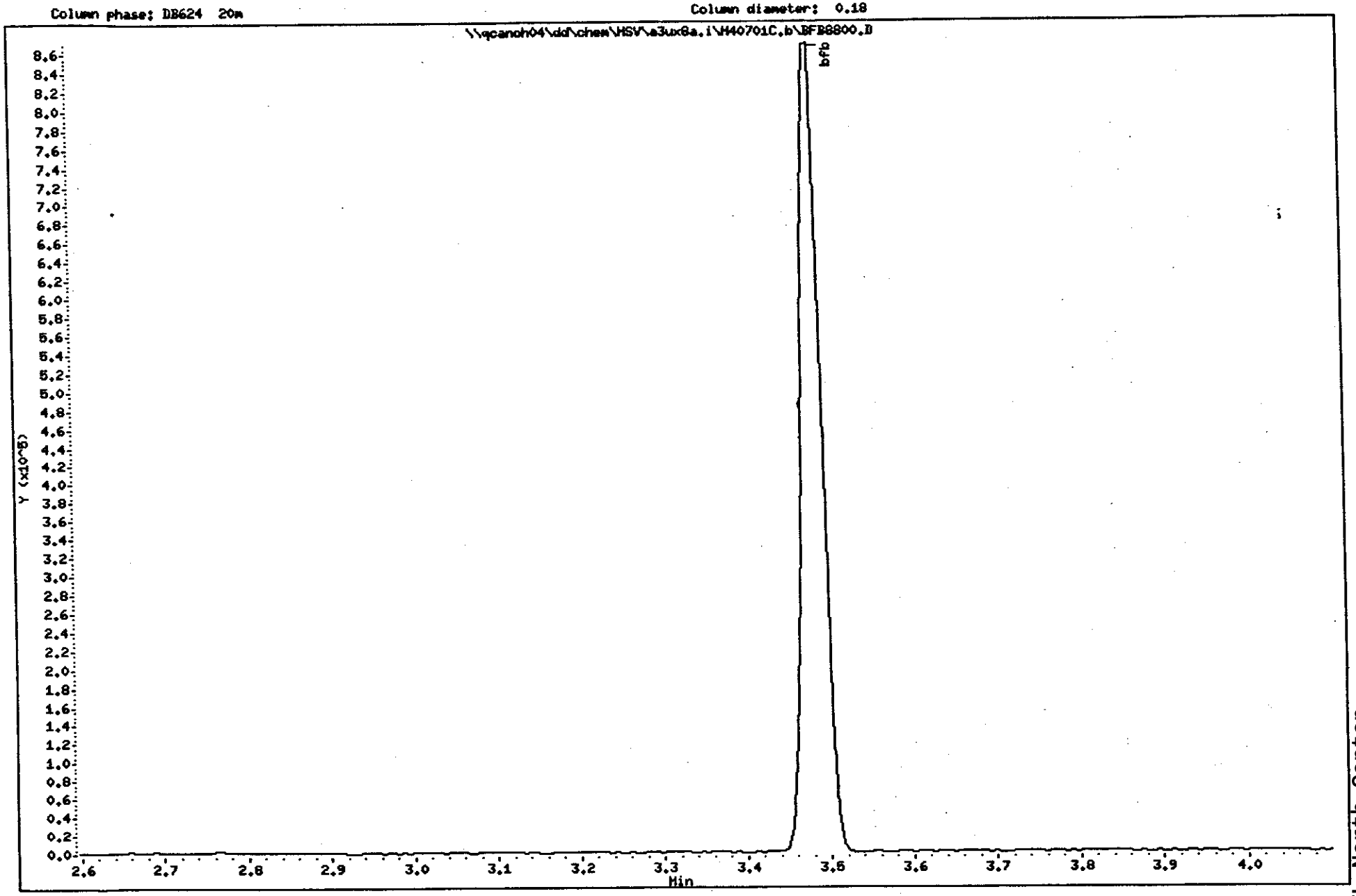
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1888	60.00	1840	78.00	518	116.00	331
37.00	8951	61.00	8449	79.00	3804	117.00	1000
38.00	7864	62.00	7417	80.00	1268	118.00	257
39.00	2944	63.00	5967	81.00	4265	119.00	906
44.00	1062	64.00	269	82.00	683	128.00	686
45.00	1369	67.00	253	87.00	6582	130.00	677
47.00	2282	68.00	16720	88.00	6593	141.00	1456
48.00	1310	69.00	17360	91.00	439	143.00	1926
49.00	7776	70.00	1295	92.00	5083	148.00	223
50.00	34008	72.00	649	93.00	7053	174.00	126960
51.00	10087	73.00	7509	94.00	19384	175.00	7117
52.00	213	74.00	28768	95.00	169536	176.00	122280
55.00	228	75.00	86200	96.00	11021	177.00	8261
56.00	2665	76.00	7290	104.00	693		
57.00	5034	77.00	930	106.00	642		

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40701C.b\BFB8800.D
Date : 01-JUL-2004 19:28
Client ID: 50NGBFB
Sample Info: 50NG INJECTION OF BFB

Instrument: a3ux8a.i

Operator: 1819
Column diameter: 0.18

Column phase: DB624 20m



LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-LCSD
Prep Date.....: 06/29/04 **Analysis Date..:** 06/29/04
Prep Batch #...: 4182309
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	60	(22 - 200)			SW846 8260B
	60	(22 - 200)	0.99	(0-95)	SW846 8260B
Benzene	**99**	**(80 - 116)**			**SW846 8260B**
	100	**(80 - 116)**	**0.81**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	102	(87 - 130)			SW846 8260B
	101	(87 - 130)	0.89	(0-30)	SW846 8260B
Bromoform	89	(76 - 150)			SW846 8260B
	87	(76 - 150)	2.1	(0-30)	SW846 8260B
Bromomethane	85	(64 - 129)			SW846 8260B
	87	(64 - 129)	3.0	(0-30)	SW846 8260B
2-Butanone	69	(28 - 237)			SW846 8260B
	68	(28 - 237)	1.8	(0-65)	SW846 8260B
Carbon disulfide	104	(73 - 139)			SW846 8260B
	104	(73 - 139)	0.34	(0-30)	SW846 8260B
Carbon tetrachloride	105	(75 - 149)			SW846 8260B
	104	(75 - 149)	1.4	(0-30)	SW846 8260B
Chlorobenzene	**106**	**(76 - 117)**			**SW846 8260B**
	106	**(76 - 117)**	**0.45**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	102	(81 - 138)			SW846 8260B
	102	(81 - 138)	0.51	(0-30)	SW846 8260B
Chloroethane	86	(66 - 126)			SW846 8260B
	85	(66 - 126)	1.0	(0-30)	SW846 8260B
Chloroform	103	(84 - 128)			SW846 8260B
	102	(84 - 128)	0.59	(0-30)	SW846 8260B
Chloromethane	96	(48 - 123)			SW846 8260B
	97	(48 - 123)	0.28	(0-30)	SW846 8260B
1,1-Dichloroethane	104	(86 - 123)			SW846 8260B
	106	(86 - 123)	1.6	(0-30)	SW846 8260B
1,2-Dichloroethane	111	(79 - 136)			SW846 8260B
	109	(79 - 136)	2.2	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	93	(85 - 113)			SW846 8260B
	93	(85 - 113)	0.070	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(79 - 120)			SW846 8260B
	101	(79 - 120)	0.040	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(63 - 130)**			**SW846 8260B**
	108	**(63 - 130)**	**0.49**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethene (total)	97	(82 - 116)			SW846 8260B
	97	(82 - 116)	0.020	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloropropane	102	(82 - 115)			SW846 8260B
	102	(82 - 115)	0.43	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	96	(84 - 130)			SW846 8260B
	95	(84 - 130)	1.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	113	(84 - 130)			SW846 8260B
	113	(84 - 130)	0.060	(0-30)	SW846 8260B
Ethylbenzene	110	(86 - 116)			SW846 8260B
	110	(86 - 116)	0.0	(0-30)	SW846 8260B
2-Hexanone	84	(35 - 200)			SW846 8260B
	82	(35 - 200)	1.4	(0-52)	SW846 8260B
Methylene chloride	95	(78 - 118)			SW846 8260B
	95	(78 - 118)	0.27	(0-30)	SW846 8260B
4-Methyl-2-pentanone	93	(78 - 141)			SW846 8260B
	93	(78 - 141)	0.070	(0-32)	SW846 8260B
Styrene	114	(85 - 117)			SW846 8260B
	113	(85 - 117)	0.72	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	137 a	(85 - 118)			SW846 8260B
	136 a	(85 - 118)	0.75	(0-30)	SW846 8260B
Tetrachloroethene	93	(88 - 113)			SW846 8260B
	92	(88 - 113)	1.5	(0-30)	SW846 8260B
Toluene	**115**	**(74 - 119)**			**SW846 8260B**
	115	**(74 - 119)**	**0.51**	**(0-20)**	**SW846 8260B**
1,1,1-Trichloroethane	103	(78 - 140)			SW846 8260B
	101	(78 - 140)	1.7	(0-30)	SW846 8260B
1,1,2-Trichloroethane	107	(83 - 122)			SW846 8260B
	104	(83 - 122)	2.3	(0-30)	SW846 8260B
Trichloroethene	**89**	**(75 - 122)**			**SW846 8260B**
	91	**(75 - 122)**	**2.3**	**(0-20)**	**SW846 8260B**
Vinyl chloride	86	(61 - 120)			SW846 8260B
	85	(61 - 120)	1.4	(0-30)	SW846 8260B
Xylenes (total)	115	(87 - 116)			SW846 8260B
	114	(87 - 116)	0.71	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
	106	(61 - 128)
Toluene-d8	106	(76 - 110)
	107	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	105	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-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 #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-LCSD
Prep Date.....: 06/29/04 **Analysis Date..:** 06/29/04
Prep Batch #...: 4182309
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	6.0	ug/L	60		SW846 8260B
	10	6.0	ug/L	60	0.99	SW846 8260B
Benzene	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**0.81**	**SW846 8260B**
Bromodichloromethane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	101	0.89	SW846 8260B
Bromoform	10	8.9	ug/L	89		SW846 8260B
	10	8.7	ug/L	87	2.1	SW846 8260B
Bromomethane	10	8.5	ug/L	85		SW846 8260B
	10	8.7	ug/L	87	3.0	SW846 8260B
2-Butanone	10	6.9	ug/L	69		SW846 8260B
	10	6.8	ug/L	68	1.8	SW846 8260B
Carbon disulfide	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	104	0.34	SW846 8260B
Carbon tetrachloride	10	11	ug/L	105		SW846 8260B
	10	10	ug/L	104	1.4	SW846 8260B
Chlorobenzene	**10**	**11**	**ug/L**	**106**		**SW846 8260B**
	10	**11**	**ug/L**	**106**	**0.45**	**SW846 8260B**
Dibromochloromethane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.51	SW846 8260B
Chloroethane	10	8.6	ug/L	86		SW846 8260B
	10	8.5	ug/L	85	1.0	SW846 8260B
Chloroform	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	102	0.59	SW846 8260B
Chloromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.7	ug/L	97	0.28	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	104		SW846 8260B
	10	11	ug/L	106	1.6	SW846 8260B
1,2-Dichloroethane	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	109	2.2	SW846 8260B
cis-1,2-Dichloroethene	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.070	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	101	0.040	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	10	**11**	**ug/L**	**108**	**0.49**	**SW846 8260B**
1,2-Dichloroethene (total)	20	19	ug/L	97		SW846 8260B
	20	19	ug/L	97	0.020	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloropropane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.43	SW846 8260B
cis-1,3-Dichloropropene	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.5	SW846 8260B
trans-1,3-Dichloropropene	10	11	ug/L	113		SW846 8260B
	10	11	ug/L	113	0.060	SW846 8260B
Ethylbenzene	10	11	ug/L	110		SW846 8260B
	10	11	ug/L	110	0.0	SW846 8260B
2-Hexanone	10	8.4	ug/L	84		SW846 8260B
	10	8.2	ug/L	82	1.4	SW846 8260B
Methylene chloride	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.27	SW846 8260B
4-Methyl-2-pentanone	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.070	SW846 8260B
Styrene	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	113	0.72	SW846 8260B
1,1,2,2-Tetrachloroethane	10	14 a	ug/L	137		SW846 8260B
	10	14 a	ug/L	136	0.75	SW846 8260B
Tetrachloroethene	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.5	SW846 8260B
Toluene	**10**	**12**	**ug/L**	**115**		**SW846 8260B**
	10	**11**	**ug/L**	**115**	**0.51**	**SW846 8260B**
1,1,1-Trichloroethane	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	101	1.7	SW846 8260B
1,1,2-Trichloroethane	10	11	ug/L	107		SW846 8260B
	10	10	ug/L	104	2.3	SW846 8260B
Trichloroethene	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	10	**9.1**	**ug/L**	**91**	**2.3**	**SW846 8260B**
Vinyl chloride	10	8.6	ug/L	86		SW846 8260B
	10	8.5	ug/L	85	1.4	SW846 8260B
Xylenes (total)	30	34	ug/L	115		SW846 8260B
	30	34	ug/L	114	0.71	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
	106	(61 - 128)
Toluene-d8	106	(76 - 110)
	107	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	105	(74 - 116)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GJ9341AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A4F300000-309 GJ9341AD-LCSD

NOTE(S):

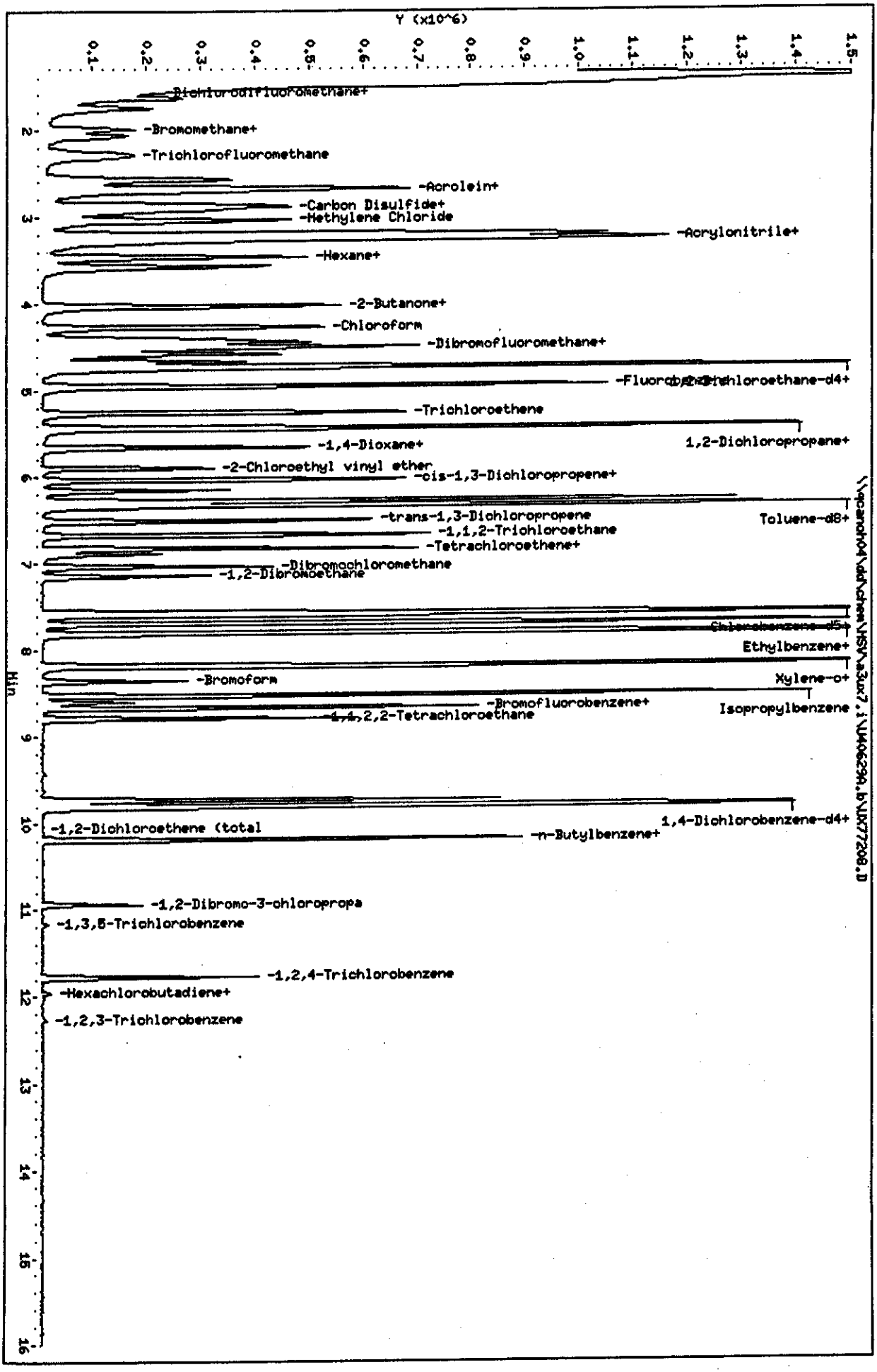
Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406290.b\UX77208.D
Date : 29-JUN-2004 08:23
Client ID: GJ934 / AC
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77208.D
Report Date: 30-Jun-2004 08:42

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77208.D
Lab Smp Id: CHECK
Inj Date : 29-JUN-2004 08:23 Inst ID: a3ux7.i
Operator : 43582
Smp Info : CHECK
Misc Info : U40629A,N8260UX7-3,1-8260.SUB,43582,3
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 30-Jun-2004 08:41 evansl 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: 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)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.953	4.952	(1.000)	1103534	50.0000	
* 2 Chlorobenzene-d5	117	7.568	7.567	(1.000)	779962	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	308978	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	229260	46.0379	9.208
$ 5 1,2-Dichloroethane-d4	65	4.669	4.668	(0.943)	369334	53.8601	10.772
$ 6 Toluene-d8	98	6.278	6.277	(0.830)	918521	52.9141	10.583
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	331071	54.7643	10.953
8 Dichlorodifluoromethane	85	1.580	1.580	(0.319)	314510	53.6237	10.725
9 Chloromethane	50	1.639	1.639	(0.331)	504555	48.2263	9.645
10 Vinyl Chloride	62	1.746	1.745	(0.353)	394345	42.9560	8.591
11 Bromomethane	94	1.994	1.994	(0.403)	208409	42.3669	8.473
12 Chloroethane	64	2.065	2.065	(0.417)	237464	43.2000	8.640
13 Trichlorofluoromethane	101	2.290	2.302	(0.462)	442666	53.0987	10.620
15 Acrolein	56	2.574	2.574	(0.520)	678078	549.829	109.96
16 Acetone	43	2.681	2.680	(0.541)	112089	29.8915	5.978
17 1,1-Dichloroethene	96	2.669	2.680	(0.539)	281384	54.1542	10.831
18 Freon-113	151	2.692	2.692	(0.544)	203747	54.3509	10.870
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77208.D
Report Date: 30-Jun-2004 08:42

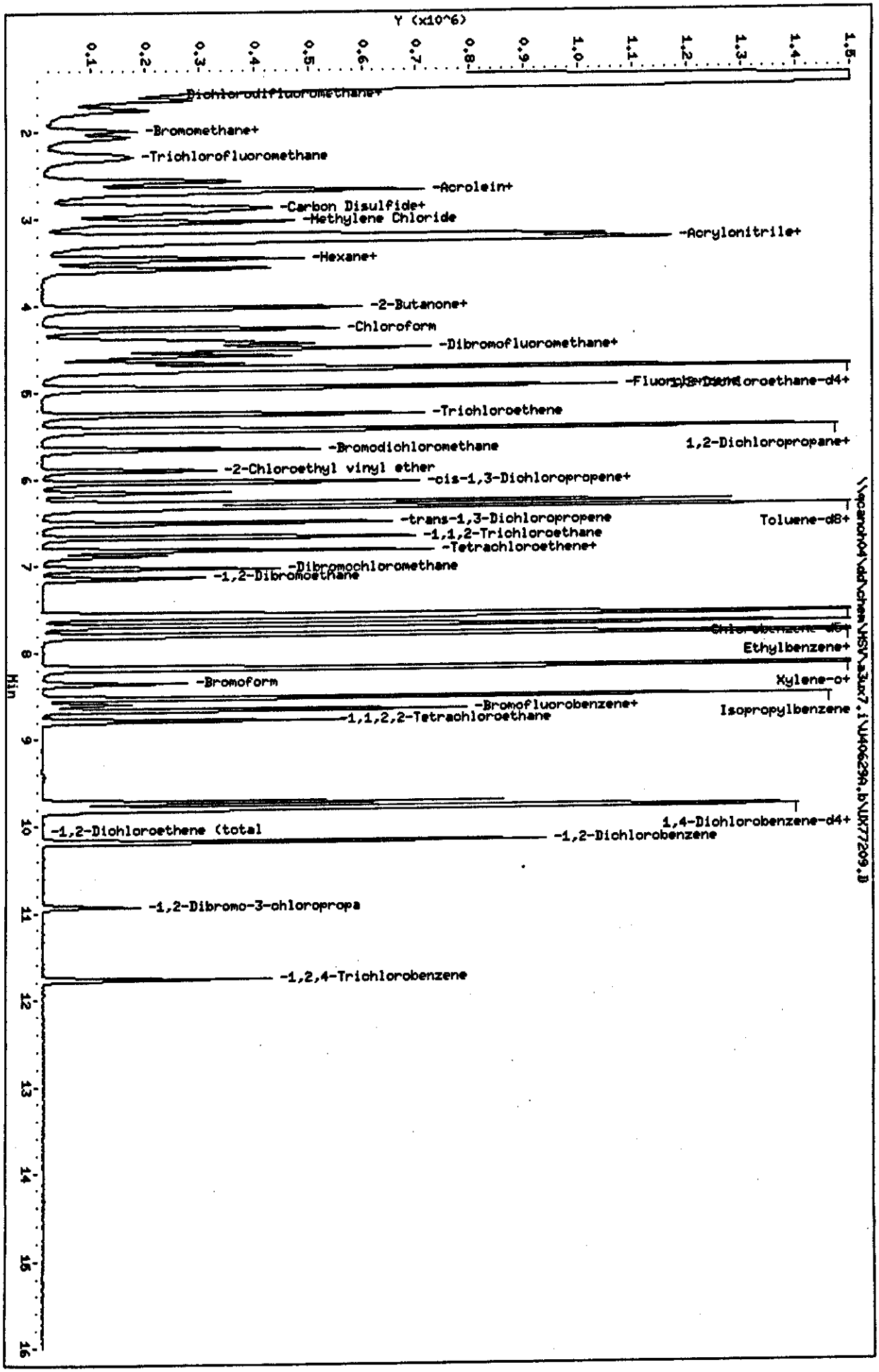
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
20 Carbon Disulfide	76	2.870	2.870	(0.580)	1023736	51.8900	10.378
21 Methylene Chloride	84	3.036	3.035	(0.613)	336623	47.5522	9.510
22 Acetonitrile	41	2.905	2.905	(0.587)	537921	604.797	120.96
23 Acrylonitrile	53	3.201	3.201	(0.646)	1420369	529.295	105.86
24 Methyl tert-butyl ether	73	3.260	3.248	(0.658)	784223	42.6956	8.539
25 trans-1,2-Dichloroethene	96	3.249	3.260	(0.656)	313509	50.5271	10.105
26 Hexane	86	3.462	3.461	(0.699)	58791	57.3643	11.473
27 Vinyl acetate	43	3.462	3.591	(0.699)	217091	17.1426	3.428
28 1,1-Dichloroethane	63	3.568	3.568	(0.720)	581818	51.9381	10.388
29 tert-Butyl Alcohol	59	3.260	3.106	(0.658)	17945	44.9433	8.989
30 2-Butanone	43	4.018	4.017	(0.811)	139416	34.6502	6.930
M 31 1,2-Dichloroethene (total)	96				608522	97.2490	19.450
32 cis-1,2-dichloroethene	96	4.030	4.029	(0.814)	295013	46.7219	9.344
33 2,2-Dichloropropane	77	Compound Not Detected.					
34 Bromochloromethane	128	Compound Not Detected.					
35 Chloroform	83	4.278	4.266	(0.864)	539888	51.3647	10.273
36 Tetrahydrofuran	42	Compound Not Detected.					
37 1,1,1-Trichloroethane	97	4.444	4.443	(0.897)	442188	51.4209	10.284
38 1,1-Dichloropropene	75	Compound Not Detected.					
39 Carbon Tetrachloride	117	4.586	4.585	(0.926)	371755	52.7063	10.541
40 1,2-Dichloroethane	62	4.728	4.727	(0.955)	468416	55.6328	11.126
41 Benzene	78	4.728	4.727	(0.955)	1291190	49.4690	9.894
42 Trichloroethene	130	5.260	5.260	(1.062)	274015	44.4864	8.897
43 1,2-Dichloropropane	63	5.426	5.425	(1.096)	328415	50.7756	10.155
44 1,4-Dioxane	88	5.544	5.532	(1.119)	7370	142.018	28.404
45 Dibromomethane	93	Compound Not Detected.					
46 Bromodichloromethane	83	5.651	5.650	(1.141)	406926	50.8991	10.180
47 2-Chloroethyl vinyl ether	63	5.899	5.899	(1.191)	154179	42.4459	8.489
48 cis-1,3-Dichloropropene	75	6.029	6.029	(1.217)	452645	48.2031	9.641
49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	280500	46.4273	9.285
50 Toluene	91	6.337	6.337	(0.837)	1278687	57.6190	11.524
51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	404553	56.6504	11.330
52 Ethyl Methacrylate	69	Compound Not Detected.					
53 1,1,2-Trichloroethane	97	6.668	6.668	(0.881)	256756	53.4478	10.690
54 1,3-Dichloropropane	76	Compound Not Detected.					
55 Tetrachloroethene	164	6.834	6.834	(0.903)	179394	46.6856	9.337
56 2-Hexanone	43	6.893	6.893	(0.911)	185681	41.8231	8.365
57 Dibromochloromethane	129	7.035	7.035	(0.930)	252857	51.0292	10.206
58 1,2-Dibromoethane	107	7.142	7.141	(0.944)	249251	54.2769	10.855
59 Chlorobenzene	112	7.591	7.591	(1.003)	738404	53.1836	10.637
60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
61 Ethylbenzene	106	7.698	7.697	(1.017)	376011	55.1393	11.028
62 m + p-Xylene	106	7.804	7.804	(1.031)	986955	115.596	23.119
M 63 Xylenes (total)	106				1444915	171.783	34.357
64 Xylene-o	106	8.171	8.171	(1.080)	457960	56.1875	11.238
65 Styrene	104	8.183	8.183	(1.081)	837690	57.1471	11.429
66 Bromoform	173	8.360	8.360	(1.105)	147273	44.5733	8.915

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77208.D
Report Date: 30-Jun-2004 08:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
67 Isopropylbenzene	105	8.526	8.526	(1.127)	998695	59.3992	11.880
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	340868	68.6058	13.721
69 1,4-Dichloro-2-butene	53	8.609	8.845	(0.879)	3410	2.60086	0.5202
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)	403734	54.0103	10.802
81 1,4-Dichlorobenzene	146	9.816	9.815	(1.002)	462251	58.2090	11.642
82 n-Butylbenzene	91	10.171	10.159	(1.039)	8963	0.98480	0.1970
83 1,2-Dichlorobenzene	146	10.183	10.182	(1.040)	421786	55.9792	11.196
84 1,2-Dibromo-3-chloropropane	157	10.940	10.940	(1.117)	48440	51.2281	10.246
85 1,2,4-Trichlorobenzene	180	11.780	11.780	(1.203)	146529	39.0942	7.819
86 Hexachlorobutadiene	225	11.958	11.957	(1.221)	4039	2.03937	0.4079
87 Naphthalene	128	12.017	12.016	(1.227)	7089	5.38387	1.077
88 1,2,3-Trichlorobenzene	180	12.265	12.265	(1.253)	3939	1.10322	0.2206
98 Cyclohexane	56	4.503	4.503	(0.909)	459031	54.6707	10.934
143 Methyl Acetate	43	2.941	2.929	(0.594)	273247	56.7128	11.342
144 Methylcyclohexane	83	5.438	5.437	(1.098)	321901	50.5606	10.112
141 1,3,5-Trichlorobenzene	180	11.165	11.164	(1.140)	5009	1.15431	0.2309

Data File: \\qcanoh04\dd\chem\HSV\a3ux7.i\U406229A.b\UX77209.D
Date : 29-JUN-2004 08:47
Client ID: GJ9341AD
Sample Info: CHECK
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 43582
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77209.D
Report Date: 30-Jun-2004 08:42

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77209.D
Lab Smp Id: CHECK
Inj Date : 29-JUN-2004 08:47
Operator : 43582 Inst ID: a3ux7.i
Smp Info : CHECK
Misc Info : U40629A,N8260UX7-3,1-8260.SUB,43582,3
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 30-Jun-2004 08:41 evansl 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: 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)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.952	4.952	(1.000)	1104208	50.0000	
* 2 Chlorobenzene-d5	117	7.567	7.567	(1.000)	780622	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.791	9.792	(1.000)	310134	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	232166	46.5930	9.318
$ 5 1,2-Dichloroethane-d4	65	4.668	4.668	(0.943)	365236	53.2300	10.646
$ 6 Toluene-d8	98	6.277	6.277	(0.830)	926104	53.3058	10.661
$ 7 Bromofluorobenzene	95	8.667	8.668	(1.145)	317075	52.4048	10.481
8 Dichlorodifluoromethane	85	1.579	1.580	(0.319)	324006	55.2091	11.042
9 Chloromethane	50	1.639	1.639	(0.331)	506282	48.3618	9.672
10 Vinyl Chloride	62	1.745	1.745	(0.352)	389241	42.3741	8.475
11 Bromomethane	94	1.994	1.994	(0.403)	214274	43.6617	8.732
12 Chloroethane	64	2.065	2.065	(0.417)	235106	42.7449	8.549
13 Trichlorofluoromethane	101	2.301	2.302	(0.465)	445136	53.3623	10.672
15 Acrolein	56	2.573	2.574	(0.520)	661513	536.069	107.21
16 Acetone	43	2.680	2.680	(0.541)	113107	30.1880	6.038
17 1,1-Dichloroethene	96	2.680	2.680	(0.541)	280197	53.8928	10.778
18 Freon-113	151	2.703	2.692	(0.546)	209370	55.8168	11.163
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77209.D
Report Date: 30-Jun-2004 08:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	20 Carbon Disulfide	76	2.869	2.870	(0.579)	1027972	52.0729	10.414
	21 Methylene Chloride	84	3.035	3.035	(0.613)	337646	47.6812	9.536
	22 Acetonitrile	41	2.905	2.905	(0.587)	539574	606.285	121.26
	23 Acrylonitrile	53	3.200	3.201	(0.646)	1417416	527.872	105.57
	24 Methyl tert-butyl ether	73	3.260	3.248	(0.658)	769264	41.8556	8.371
	25 trans-1,2-Dichloroethene	96	3.260	3.260	(0.658)	313815	50.5455	10.109
	26 Hexane	86	3.461	3.461	(0.699)	52359	51.3600	10.272
	27 Vinyl acetate	43	3.461	3.591	(0.699)	226228	17.8532	3.571
	28 1,1-Dichloroethane	63	3.579	3.568	(0.723)	591850	52.8014	10.560
	29 tert-Butyl Alcohol	59	3.260	3.106	(0.658)	13330	33.3646	6.673
	30 2-Butanone	43	4.017	4.017	(0.811)	136969	34.0213	6.804
M	31 1,2-Dichloroethene (total)	96				608774	97.2304	19.446
	32 cis-1,2-dichloroethene	96	4.029	4.029	(0.814)	294959	46.6848	9.337
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.277	4.266	(0.864)	536990	51.0578	10.212
	36 Tetrahydrofuran	42	4.017	4.254	(0.811)	7516	4.48097	0.8962
	37 1,1,1-Trichloroethane	97	4.443	4.443	(0.897)	435026	50.5572	10.111
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.585	4.585	(0.926)	366656	51.9517	10.390
	40 1,2-Dichloroethane	62	4.727	4.727	(0.955)	458688	54.4442	10.889
	41 Benzene	78	4.739	4.727	(0.957)	1302611	49.8761	9.975
	42 Trichloroethene	130	5.259	5.260	(1.062)	280476	45.5075	9.102
	43 1,2-Dichloropropane	63	5.437	5.425	(1.098)	330025	50.9933	10.199
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.662	5.650	(1.143)	403528	50.4433	10.089
	47 2-Chloroethyl vinyl ether	63	5.898	5.899	(1.191)	148223	40.7813	8.156
	48 cis-1,3-Dichloropropene	75	6.040	6.029	(1.220)	446266	47.4948	9.499
	49 4-Methyl-2-pentanone	43	6.159	6.159	(1.244)	280459	46.3922	9.278
	50 Toluene	91	6.336	6.337	(0.837)	1273240	57.3251	11.465
	51 trans-1,3-Dichloropropene	75	6.514	6.514	(0.861)	405139	56.6845	11.337
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.679	6.668	(0.883)	251056	52.2171	10.443
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.833	6.834	(0.903)	176916	46.0018	9.200
	56 2-Hexanone	43	6.892	6.893	(0.911)	183294	41.2505	8.250
	57 Dibromochloromethane	129	7.034	7.035	(0.930)	251786	50.7701	10.154
	58 1,2-Dibromoethane	107	7.141	7.141	(0.944)	248873	54.1488	10.830
	59 Chlorobenzene	112	7.602	7.591	(1.005)	735725	52.9458	10.589
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.697	7.697	(1.017)	376332	55.1397	11.028
	62 m + p-Xylene	106	7.803	7.804	(1.031)	980392	114.730	22.946
M	63 Xylenes (total)	106				1435846	170.563	34.112
	64 Xylene-o	106	8.170	8.171	(1.080)	455454	55.8328	11.166
	65 Styrene	104	8.182	8.183	(1.081)	832335	56.7338	11.347
	66 Bromoform	173	8.360	8.360	(1.105)	144314	43.6409	8.728

Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77209.D
Report Date: 30-Jun-2004 08:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
67 Isopropylbenzene	105	8.525	8.526	(1.127)	989060	58.7764	11.755
68 1,1,2,2-Tetrachloroethane	83	8.786	8.786	(0.897)	339563	68.0884	13.618
69 1,4-Dichloro-2-butene	53	8.608	8.845	(0.879)	4259	3.23630	0.6473
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	9.732	9.733	(0.994)	409593	54.5898	10.918
81 1,4-Dichlorobenzene	146	9.815	9.815	(1.002)	467121	58.6030	11.720
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	10.182	10.182	(1.040)	424051	56.0700	11.214
84 1,2-Dibromo-3-chloropropane	157	10.939	10.940	(1.117)	50102	52.7883	10.558
85 1,2,4-Trichlorobenzene	180	11.779	11.780	(1.203)	141860	37.7074	7.541
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.502	4.503	(0.909)	446659	53.1647	10.633
143 Methyl Acetate	43	2.940	2.929	(0.594)	266734	55.3272	11.065
144 Methylcyclohexane	83	5.437	5.437	(1.098)	309983	48.6589	9.732
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-LCSD
Prep Date.....: 07/01/04 **Analysis Date..:** 07/01/04
Prep Batch #...: 4184435
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)	104	(73 - 115)			SW846 8260B
	100	(73 - 115)	3.2	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	103	(77 - 114)			SW846 8260B
	100	(77 - 114)	2.8	(0-30)	SW846 8260B
Acetone	79	(58 - 130)			SW846 8260B
	79	(58 - 130)	0.15	(0-30)	SW846 8260B
Benzene	**104**	**(75 - 129)**			**SW846 8260B**
	101	**(75 - 129)**	**3.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	104	(72 - 125)	2.7	(0-30)	SW846 8260B
Bromoform	103	(43 - 149)			SW846 8260B
	107	(43 - 149)	3.1	(0-30)	SW846 8260B
Bromomethane	118	(24 - 152)			SW846 8260B
	108	(24 - 152)	8.2	(0-30)	SW846 8260B
2-Butanone (MEK)	80	(27 - 200)			SW846 8260B
	78	(27 - 200)	2.8	(0-46)	SW846 8260B
Carbon disulfide	101	(50 - 137)			SW846 8260B
	94	(50 - 137)	6.9	(0-30)	SW846 8260B
Carbon tetrachloride	111	(57 - 137)			SW846 8260B
	107	(57 - 137)	3.6	(0-30)	SW846 8260B
n-Hexane	114	(57 - 130)			SW846 8260B
	111	(57 - 130)	2.6	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**3.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	98	(49 - 135)			SW846 8260B
	98	(49 - 135)	0.030	(0-30)	SW846 8260B
Chloroethane	100	(31 - 144)			SW846 8260B
	93	(31 - 144)	7.2	(0-30)	SW846 8260B
Chloroform	104	(73 - 115)			SW846 8260B
	103	(73 - 115)	1.4	(0-30)	SW846 8260B
Chloromethane	83	(15 - 136)			SW846 8260B
	75	(15 - 136)	11	(0-30)	SW846 8260B
1,1-Dichloroethane	102	(77 - 119)			SW846 8260B
	101	(77 - 119)	1.1	(0-30)	SW846 8260B
1,2-Dichloroethane	103	(78 - 121)			SW846 8260B
	102	(78 - 121)	1.0	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
trans-1,2-Dichloroethene	104	(68 - 117)			SW846 8260B
	101	(68 - 117)	3.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**100**	**(55 - 142)**			**SW846 8260B**
	95	**(55 - 142)**	**5.1**	**(0-27)**	**SW846 8260B**
1,2-Dichloropropane	101	(78 - 116)			SW846 8260B
	101	(78 - 116)	0.20	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	104	(71 - 125)			SW846 8260B
	103	(71 - 125)	1.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	95	(67 - 125)			SW846 8260B
	92	(67 - 125)	3.1	(0-30)	SW846 8260B
Ethylbenzene	104	(79 - 114)			SW846 8260B
	100	(79 - 114)	4.2	(0-30)	SW846 8260B
2-Hexanone	82	(29 - 200)			SW846 8260B
	80	(29 - 200)	2.3	(0-41)	SW846 8260B
Methylene chloride	89	(58 - 130)			SW846 8260B
	88	(58 - 130)	1.7	(0-30)	SW846 8260B
4-Methyl-2-pentanone (MIBK	102	(68 - 142)			SW846 8260B
	102	(68 - 142)	0.18	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	102	(80 - 114)	2.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	96	(70 - 133)			SW846 8260B
	98	(70 - 133)	2.2	(0-30)	SW846 8260B
Tetrachloroethene	101	(72 - 120)			SW846 8260B
	96	(72 - 120)	4.9	(0-30)	SW846 8260B
Toluene	**96**	**(71 - 130)**			**SW846 8260B**
	93	**(71 - 130)**	**2.6**	**(0-24)**	**SW846 8260B**
1,1,1-Trichloroethane	110	(67 - 123)			SW846 8260B
	106	(67 - 123)	4.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	95	(82 - 116)			SW846 8260B
	93	(82 - 116)	1.7	(0-30)	SW846 8260B
Trichloroethene	**105**	**(70 - 131)**			**SW846 8260B**
	101	**(70 - 131)**	**4.0**	**(0-23)**	**SW846 8260B**
Vinyl chloride	94	(24 - 152)			SW846 8260B
	85	(24 - 152)	9.7	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	101	(80 - 114)	3.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
	103	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
	100	(61 - 130)
Toluene-d8	109	(60 - 143)
	108	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-LCSD
Prep Date.....: 07/01/04 **Analysis Date..:** 07/01/04
Prep Batch #...: 4184435
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	104		SW846 8260B
	100	100	ug/kg	100	3.2	SW846 8260B
cis-1,2-Dichloroethene	50	51	ug/kg	103		SW846 8260B
	50	50	ug/kg	100	2.8	SW846 8260B
Acetone	50	39	ug/kg	79		SW846 8260B
	50	40	ug/kg	79	0.15	SW846 8260B
Benzene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**3.0**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	2.7	SW846 8260B
Bromoform	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	107	3.1	SW846 8260B
Bromomethane	50	59	ug/kg	118		SW846 8260B
	50	54	ug/kg	108	8.2	SW846 8260B
2-Butanone (MEK)	50	40	ug/kg	80		SW846 8260B
	50	39	ug/kg	78	2.8	SW846 8260B
Carbon disulfide	50	50	ug/kg	101		SW846 8260B
	50	47	ug/kg	94	6.9	SW846 8260B
Carbon tetrachloride	50	56	ug/kg	111		SW846 8260B
	50	54	ug/kg	107	3.6	SW846 8260B
n-Hexane	50	57	ug/kg	114		SW846 8260B
	50	56	ug/kg	111	2.6	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**3.0**	**SW846 8260B**
Dibromochloromethane	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.030	SW846 8260B
Chloroethane	50	50	ug/kg	100		SW846 8260B
	50	46	ug/kg	93	7.2	SW846 8260B
Chloroform	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.4	SW846 8260B
Chloromethane	50	42	ug/kg	83		SW846 8260B
	50	37	ug/kg	75	11	SW846 8260B
1,1-Dichloroethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	101	1.1	SW846 8260B
1,2-Dichloroethane	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.0	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
trans-1,2-Dichloroethene	50	52	ug/kg	104		SW846 8260B
	50	50	ug/kg	101	3.6	SW846 8260B
1,1-Dichloroethene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**5.1**	**SW846 8260B**
1,2-Dichloropropane	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	101	0.20	SW846 8260B
cis-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.2	SW846 8260B
trans-1,3-Dichloropropene	50	47	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.1	SW846 8260B
Ethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	50	ug/kg	100	4.2	SW846 8260B
2-Hexanone	50	41	ug/kg	82		SW846 8260B
	50	40	ug/kg	80	2.3	SW846 8260B
Methylene chloride	50	45	ug/kg	89		SW846 8260B
	50	44	ug/kg	88	1.7	SW846 8260B
4-Methyl-2-pentanone (MIBK	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.18	SW846 8260B
Styrene	50	52	ug/kg	105		SW846 8260B
	50	51	ug/kg	102	2.3	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	98	2.2	SW846 8260B
Tetrachloroethene	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	4.9	SW846 8260B
Toluene	**50**	**48**	**ug/kg**	**96**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**2.6**	**SW846 8260B**
1,1,1-Trichloroethane	50	55	ug/kg	110		SW846 8260B
	50	53	ug/kg	106	4.3	SW846 8260B
1,1,2-Trichloroethane	50	47	ug/kg	95		SW846 8260B
	50	47	ug/kg	93	1.7	SW846 8260B
Trichloroethene	**50**	**53**	**ug/kg**	**105**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**4.0**	**SW846 8260B**
Vinyl chloride	50	47	ug/kg	94		SW846 8260B
	50	42	ug/kg	85	9.7	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	150	ug/kg	101	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
	103	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
	100	(61 - 130)
Toluene-d8	109	(60 - 143)
	108	(60 - 143)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A4F220155 **Work Order #...:** GKHHF1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A4G020000-435 GKHHF1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	106	(47 - 158)
	105	(47 - 158)

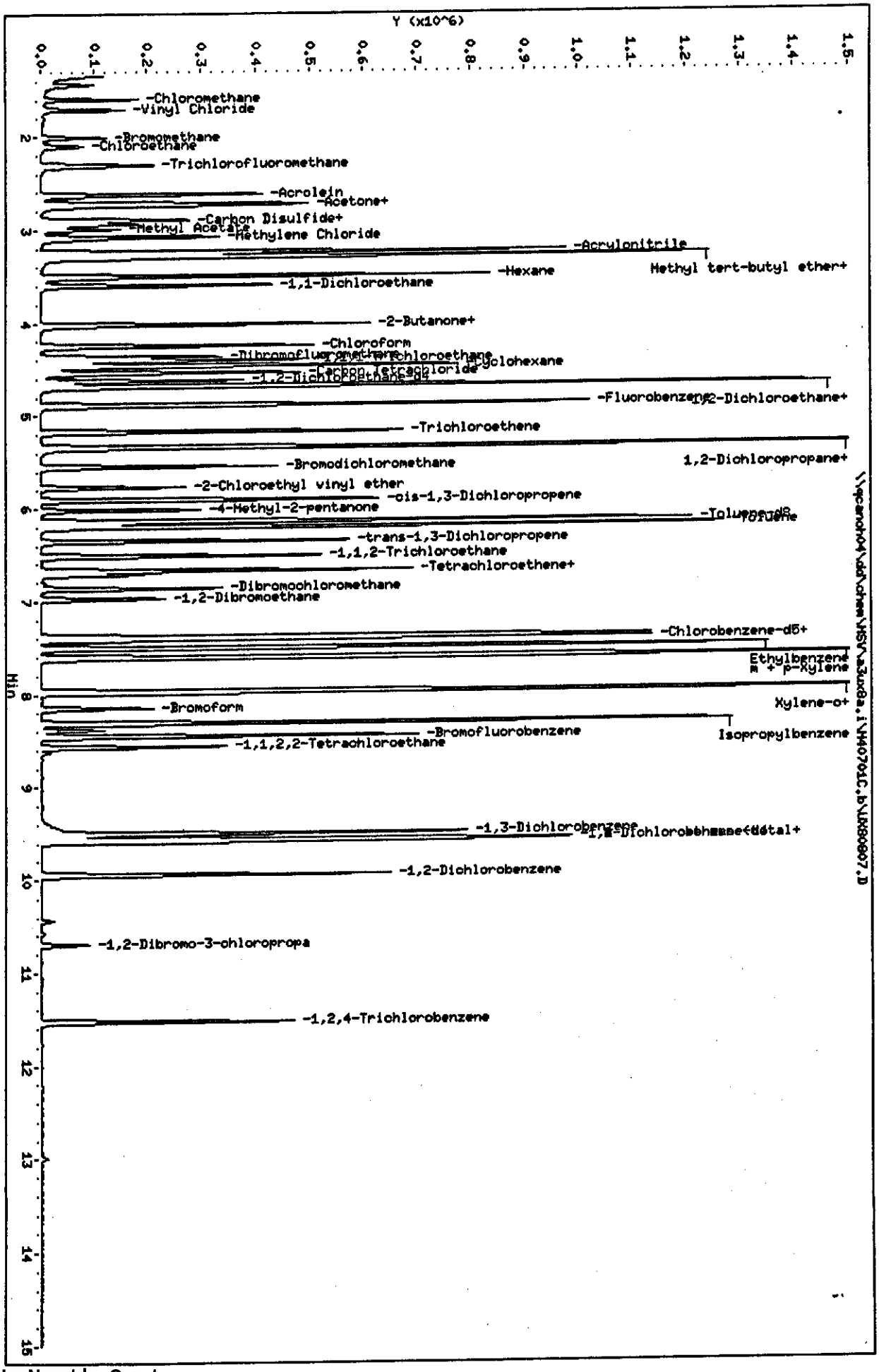
NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Data File: \\qcanoh04\ms\chem\MSV\a3ux8a.i\H40701C.b\UX80807.D
Date : 01-JUL-2004 20:55
Client ID: GKHHFIAC
Sample Info: SCHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80807.D
Report Date: 02-Jul-2004 21:42

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80807.D
Lab Smp Id: GKHHF1AC
Inj Date : 01-JUL-2004 20:55
Operator : 1819 Inst ID: a3ux8a.i
Smp Info : SCHECK
Misc Info : M40701C,8260SUX8,1-8260.SUB,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.884	4.886	(1.000)	831036	250.000	
* 2 Chlorobenzene-d5	117	7.378	7.380	(1.000)	574702	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.556	9.558	(1.000)	220022	250.000	
$ 4 Dibromofluoromethane	113	4.367	4.363	(0.894)	184137	258.533	51.707
$ 5 1,2-Dichloroethane-d4	65	4.623	4.625	(0.946)	253689	254.262	50.852
$ 6 Toluene-d8	98	6.137	6.139	(1.257)	803022	273.365	54.673
$ 7 Bromofluorobenzene	95	8.449	8.451	(1.145)	271738	265.328	53.066
8 Dichlorodifluoromethane	85	1.435	1.431	(0.294)	112000	225.944	45.189
9 Chloromethane	50	1.593	1.595	(0.326)	152016	208.661	41.732
10 Vinyl Chloride	62	1.703	1.705	(0.349)	140086	234.093	46.819
11 Bromomethane	94	2.007	2.003	(0.411)	75983	293.867	58.773
12 Chloroethane	64	2.098	2.100	(0.430)	79656	249.577	49.915
13 Trichlorofluoromethane	101	2.311	2.313	(0.473)	220429	275.537	55.107
15 Acrolein	56	2.621	2.617	(0.537)	344865	3356.89	671.38
16 Acetone	43	2.737	2.739	(0.560)	69451	197.235	39.447
17 1,1-Dichloroethene	96	2.712	2.714	(0.555)	142737	251.166	50.233
18 Freon-113	151	2.737	2.733	(0.560)	96447	319.037	63.807
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80807.D
Report Date: 02-Jul-2004 21:42

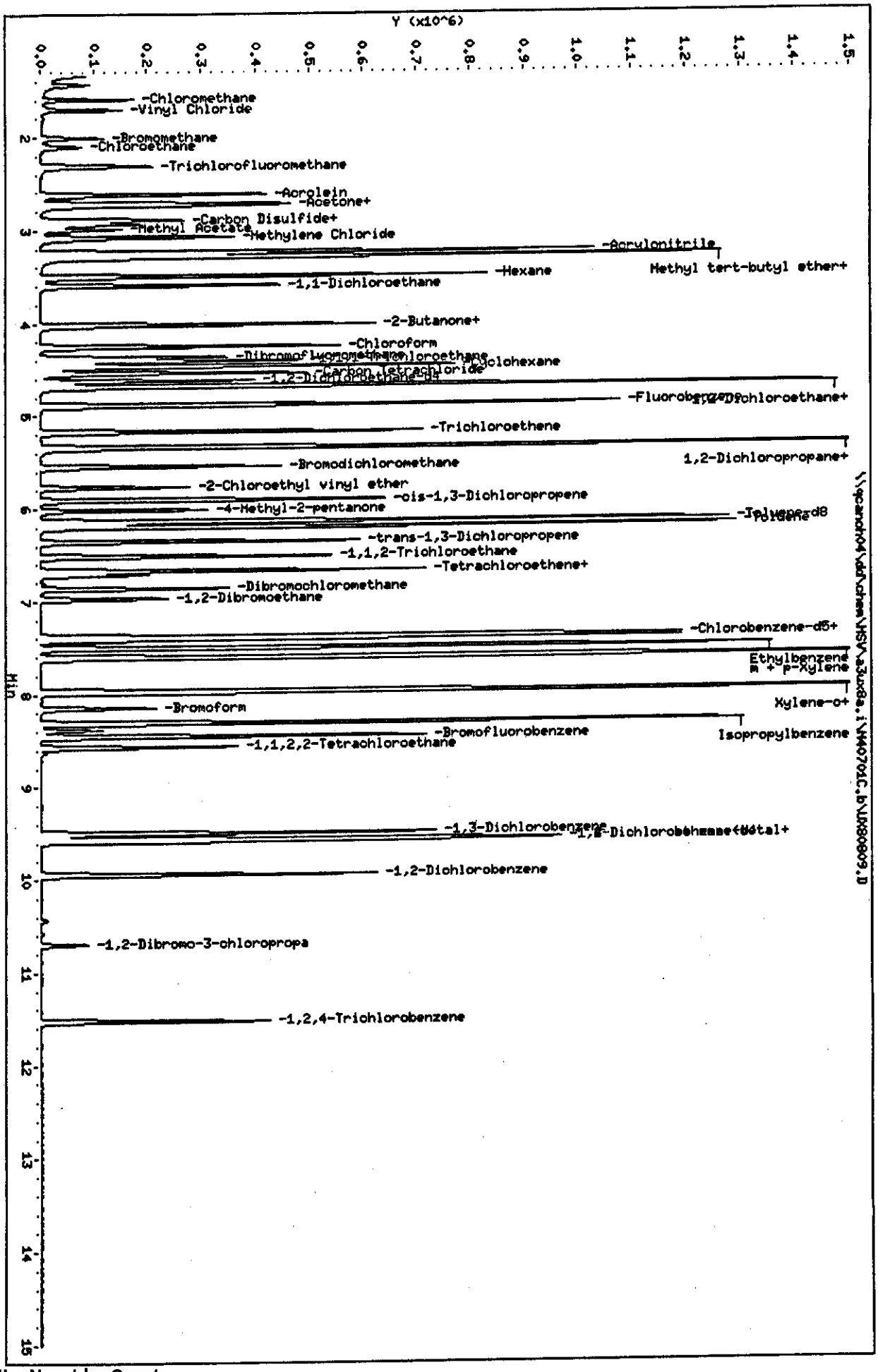
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
	20 Carbon Disulfide	76	2.895	2.891	(0.593)	464331	251.369	50.274
	21 Methylene Chloride	84	3.077	3.073	(0.630)	170173	222.743	44.548
	22 Acetonitrile	41	2.937	2.940	(0.601)	204938	2784.95	556.99
	23 Acrylonitrile	53	3.242	3.238	(0.664)	726036	2711.06	542.21
	24 Methyl tert-butyl ether	73	3.284	3.286	(0.672)	573468	261.932	52.386
	25 trans-1,2-Dichloroethene	96	3.290	3.286	(0.674)	201318	260.615	52.123
	26 Hexane	86	3.497	3.493	(0.716)	63344	286.001	57.200
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.588	3.590	(0.735)	386745	255.487	51.097
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	4.008	4.010	(0.821)	97687	200.247	40.049
M	31 1,2-Dichloroethene (total)	96				417669	517.730	103.54
	32 cis-1,2-dichloroethene	96	4.020	4.022	(0.823)	216351	257.114	51.423
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.245	4.247	(0.869)	362502	260.387	52.077
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.404	4.406	(0.902)	309584	276.158	55.232
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.537	4.539	(0.929)	275870	278.296	55.659
	40 1,2-Dichloroethane	62	4.677	4.679	(0.958)	320835	258.113	51.623
	41 Benzene	78	4.683	4.685	(0.959)	860753	259.064	51.813
	42 Trichloroethene	130	5.170	5.172	(1.059)	215992	263.093	52.619
	43 1,2-Dichloropropane	63	5.340	5.336	(1.093)	214449	252.017	50.403
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.547	5.543	(1.136)	272668	266.486	53.297
	47 2-Chloroethyl vinyl ether	63	5.766	5.768	(1.181)	108576	259.959	51.992
	48 cis-1,3-Dichloropropene	75	5.906	5.908	(1.209)	342110	260.303	52.060
	49 4-Methyl-2-pentanone	43	6.016	6.012	(1.232)	198564	253.994	50.799
	50 Toluene	91	6.192	6.194	(0.839)	916324	239.174	47.835
	51 trans-1,3-Dichloropropene	75	6.356	6.352	(0.861)	305887	236.677	47.335
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.515	6.511	(0.883)	167099	236.546	47.309
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.673	6.669	(0.904)	164538	251.417	50.283
	56 2-Hexanone	43	6.715	6.711	(0.910)	131649	205.520	41.104
	57 Dibromochloromethane	129	6.861	6.863	(0.930)	180238	245.624	49.125
	58 1,2-Dibromoethane	107	6.971	6.973	(0.945)	164603	244.837	48.967
	59 Chlorobenzene	112	7.409	7.411	(1.004)	557219	249.322	49.864
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.500	7.502	(1.016)	304282	261.200	52.240
	62 m + p-Xylene	106	7.604	7.606	(1.031)	744911	517.676	103.54
M	63 Xylenes (total)	106				1095440	779.723	155.94
	64 Xylene-o	106	7.969	7.971	(1.080)	350529	262.047	52.409
	65 Styrene	104	7.975	7.977	(1.081)	594398	262.058	52.412
	66 Bromoform	173	8.145	8.147	(1.104)	101505	258.500	51.700

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80807.D
Report Date: 02-Jul-2004 21:42

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
67 Isopropylbenzene	105	8.309	8.311	(1.126)	906484	282.336	56.467
68 1,1,2,2-Tetrachloroethane	83	8.565	8.567	(0.896)	177598	240.175	48.035
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	9.498	(0.994)	337200	253.829	50.766
81 1,4-Dichlorobenzene	146	9.581	9.583	(1.003)	335831	251.038	50.208
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.946	9.948	(1.041)	290331	240.461	48.092
84 1,2-Dibromo-3-chloropropane	157	10.700	10.696	(1.120)	25252	213.524	42.705
85 1,2,4-Trichlorobenzene	180	11.527	11.529	(1.206)	158143	208.645	41.729
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.464	4.460	(0.914)	365523	257.918	51.584
143 Methyl Acetate	43	2.992	2.994	(0.613)	153874	255.974	51.195
144 Methylcyclohexane	83	5.340	5.336	(1.093)	377085	264.259	52.852
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40701C.b\UX80809.D
Date : 01-JUL-2004 21:42
Client ID: GKHHF1A-D
Sample Info: SCHECK
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux8a.i
Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80809.D
Report Date: 02-Jul-2004 21:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80809.D
Lab Smp Id: GKHHF1AD
Inj Date : 01-JUL-2004 21:42
Operator : 1819 Inst ID: a3ux8a.i
Smp Info : SCHECK
Misc Info : M40701C,8260SUX8,1-8260.SUB,1819,3
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.885	4.886	(1.000)	874746	250.000	
* 2 Chlorobenzene-d5	117	7.379	7.380	(1.000)	602792	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.557	9.558	(1.000)	226544	250.000	
$ 4 Dibromofluoromethane	113	4.368	4.363	(0.894)	193377	257.940	51.588
$ 5 1,2-Dichloroethane-d4	65	4.623	4.625	(0.946)	262963	250.388	50.078
$ 6 Toluene-d8	98	6.138	6.139	(1.257)	837527	270.864	54.173
$ 7 Bromofluorobenzene	95	8.450	8.451	(1.145)	282218	262.719	52.544
8 Dichlorodifluoromethane	85	1.435	1.431	(0.294)	103833	199.002	39.800
9 Chloromethane	50	1.594	1.595	(0.326)	143526	187.163	37.432
10 Vinyl Chloride	62	1.709	1.705	(0.350)	133839	212.479	42.496
11 Bromomethane	94	2.007	2.003	(0.411)	73662	270.655	54.131
12 Chloroethane	64	2.105	2.100	(0.431)	78051	232.328	46.466
13 Trichlorofluoromethane	101	2.311	2.313	(0.473)	215806	256.279	51.256
15 Acrolein	56	2.622	2.617	(0.537)	354750	3280.56	656.11
16 Acetone	43	2.737	2.739	(0.560)	73236	197.545	39.509
17 1,1-Dichloroethene	96	2.719	2.714	(0.557)	142768	238.667	47.733
18 Freon-113	151	2.737	2.733	(0.560)	90413	284.132	56.826
19 Iodomethane	142	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80809.D
Report Date: 02-Jul-2004 21:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
	20 Carbon Disulfide	76	2.895	2.891	(0.593)	456095	234.572	46.914
	21 Methylene Chloride	84	3.072	3.073	(0.629)	176354	219.054	43.811
	22 Acetonitrile	41	2.938	2.940	(0.602)	208101	2686.63	537.32
	23 Acrylonitrile	53	3.236	3.238	(0.663)	771548	2737.05	547.41
	24 Methyl tert-butyl ether	73	3.285	3.286	(0.672)	598975	259.912	51.982
	25 trans-1,2-Dichloroethene	96	3.285	3.286	(0.672)	204313	251.276	50.255
	26 Hexane	86	3.498	3.493	(0.716)	64957	278.629	55.726
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.595	3.590	(0.736)	402437	252.569	50.514
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	4.009	4.010	(0.821)	100005	194.755	38.951
M	31 1,2-Dichloroethene (total)	96				425628	501.148	100.23
	32 cis-1,2-dichloroethene	96	4.021	4.022	(0.823)	221315	249.871	49.974
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	4.246	4.247	(0.869)	376060	256.628	51.326
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	4.404	4.406	(0.902)	312001	264.407	52.881
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	4.538	4.539	(0.929)	280229	268.567	53.713
	40 1,2-Dichloroethane	62	4.678	4.679	(0.958)	334234	255.456	51.091
	41 Benzene	78	4.684	4.685	(0.959)	879189	251.391	50.278
	42 Trichloroethene	130	5.171	5.172	(1.059)	218317	252.637	50.527
	43 1,2-Dichloropropane	63	5.335	5.336	(1.092)	226192	252.534	50.507
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	5.548	5.543	(1.136)	279423	259.442	51.888
	47 2-Chloroethyl vinyl ether	63	5.767	5.768	(1.181)	113546	258.274	51.655
	48 cis-1,3-Dichloropropene	75	5.907	5.908	(1.209)	355943	257.295	51.459
	49 4-Methyl-2-pentanone	43	6.010	6.012	(1.230)	209404	254.475	50.895
	50 Toluene	91	6.193	6.194	(0.839)	936430	233.032	46.606
	51 trans-1,3-Dichloropropene	75	6.351	6.352	(0.861)	311063	229.466	45.893
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	6.515	6.511	(0.883)	172345	232.603	46.521
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	6.667	6.669	(0.904)	164270	239.311	47.862
	56 2-Hexanone	43	6.710	6.711	(0.909)	134993	200.920	40.184
	57 Dibromochloromethane	129	6.862	6.863	(0.930)	189114	245.711	49.142
	58 1,2-Dibromoethane	107	6.971	6.973	(0.945)	170521	241.820	48.364
	59 Chlorobenzene	112	7.409	7.411	(1.004)	567197	241.960	48.392
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	7.501	7.502	(1.016)	305989	250.425	50.085
	62 m + p-Xylene	106	7.604	7.606	(1.031)	758768	502.733	100.55
M	63 Xylenes (total)	106				1114626	756.367	151.27
	64 Xylene-o	106	7.969	7.971	(1.080)	355858	253.634	50.727
	65 Styrene	104	7.975	7.977	(1.081)	609454	256.175	51.235
	66 Bromoform	173	8.145	8.147	(1.104)	109856	266.730	53.346

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80809.D
Report Date: 02-Jul-2004 21:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (UG/KG)
67 Isopropylbenzene	105	8.310	8.311	(1.126)	914665	271.608	54.322
68 1,1,2,2-Tetrachloroethane	83	8.565	8.567	(0.896)	186973	245.574	49.115
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	9.496	9.498	(0.994)	322586	235.837	47.167
81 1,4-Dichlorobenzene	146	9.581	9.583	(1.003)	323468	234.835	46.967
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	9.946	9.948	(1.041)	284328	228.709	45.742
84 1,2-Dibromo-3-chloropropane	157	10.700	10.696	(1.120)	24265	200.188	40.038
85 1,2,4-Trichlorobenzene	180	11.528	11.529	(1.206)	147450	188.936	37.787
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
98 Cyclohexane	56	4.465	4.460	(0.914)	369175	247.478	49.496
143 Methyl Acetate	43	2.993	2.994	(0.613)	159857	252.639	50.528
144 Methylcyclohexane	83	5.341	5.336	(1.093)	378139	251.756	50.351
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F22155 **Work Order #...:** GJ9341AA **Matrix.....:** WATER
MB Lot-Sample #: A4F300000-309

Prep Date.....: 06/29/04 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/29/04 **Prep Batch #...:** 4182309
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 #...: 4F22155 **Work Order #...:** GJ9341AA **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

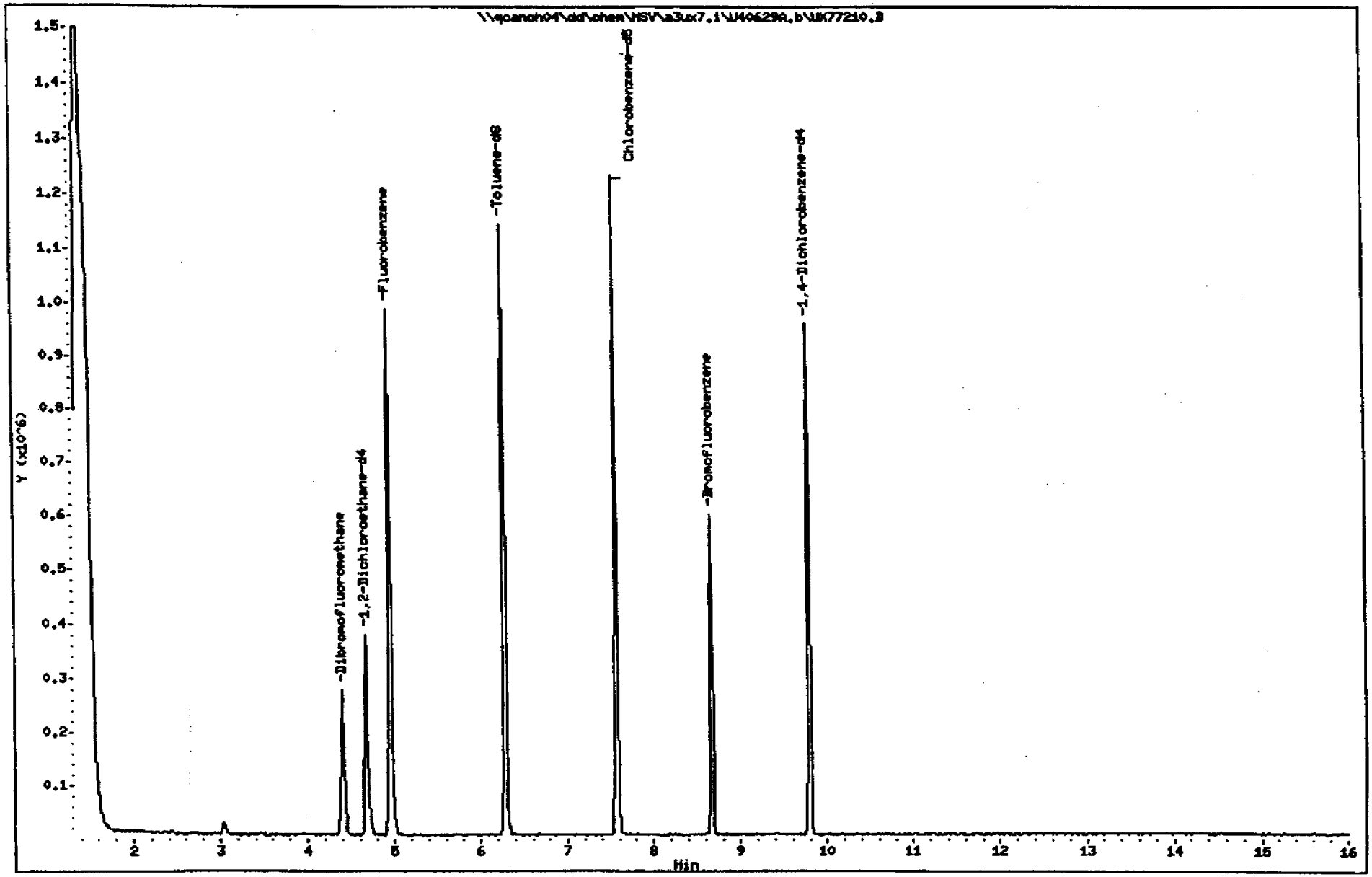
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	110	(61 - 128)
Toluene-d8	100	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Data File: \\qoanoh04\dd\chem\MSV\a3ux7.i\U406290.b\UX77210.D
Date : 29-JUN-2004 09:10
Client ID: GJ934 1AA
Sample Info: BLANK
Purge Volume: 5.0
Column phase: DB624 20m

Instrument: a3ux7.i
Operator: 43592
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77210.D
Report Date: 30-Jun-2004 08:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77210.D
Lab Smp Id: BLANK
Inj Date : 29-JUN-2004 09:10
Operator : 43582 Inst ID: a3ux7.i
Smp Info : BLANK
Misc Info : U40629A,N8260UX7-3,,43582,3,,BLANK,,0
Comment :
Method : \\QCANOH04\DD\chem\MSV\a3ux7.i\U40629A.b\N8260UX7-3.m
Meth Date : 30-Jun-2004 08:41 evansl 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: 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)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.953	4.952	(1.000)	1013029	50.0000	
* 2 Chlorobenzene-d5	117	7.568	7.567	(1.000)	727519	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	9.792	9.792	(1.000)	262493	50.0000	
$ 4 Dibromofluoromethane	113	4.396	4.396	(0.888)	227520	49.7703	9.954
$ 5 1,2-Dichloroethane-d4	65	4.669	4.668	(0.943)	346976	55.1203	11.024
$ 6 Toluene-d8	98	6.278	6.277	(0.830)	808690	49.9452	9.989
$ 7 Bromofluorobenzene	95	8.668	8.668	(1.145)	248573	44.0818	8.816
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: \\gcanoh04\dd\chem\MSV\a3ux7.i\U40629A.b\UX77210.D
Report Date: 30-Jun-2004 08:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	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	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\U40629A.b\UX77210.D
Report Date: 30-Jun-2004 08:43

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.					

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 4F22155 **Work Order #...:** GKHHF1AA **Matrix.....:** SOLID
MB Lot-Sample #: A4G020000-435

Prep Date.....: 07/01/04 **Final Wgt/Vol..:** 5 mL

Analysis Date..: 07/01/04 **Prep Batch #...:** 4184435
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Chloro-1-propene	ND	10	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
Isobutanol	ND	200	ug/kg	SW846 8260B
Acetone	**11 J**	**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 #...: 4F22155 **Work Order #...:** GKHHF1AA **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)	**1.2 J**	**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	100	(61 - 130)
Toluene-d8	108	(60 - 143)
4-Bromofluorobenzene	103	(47 - 158)

NOTE(S):

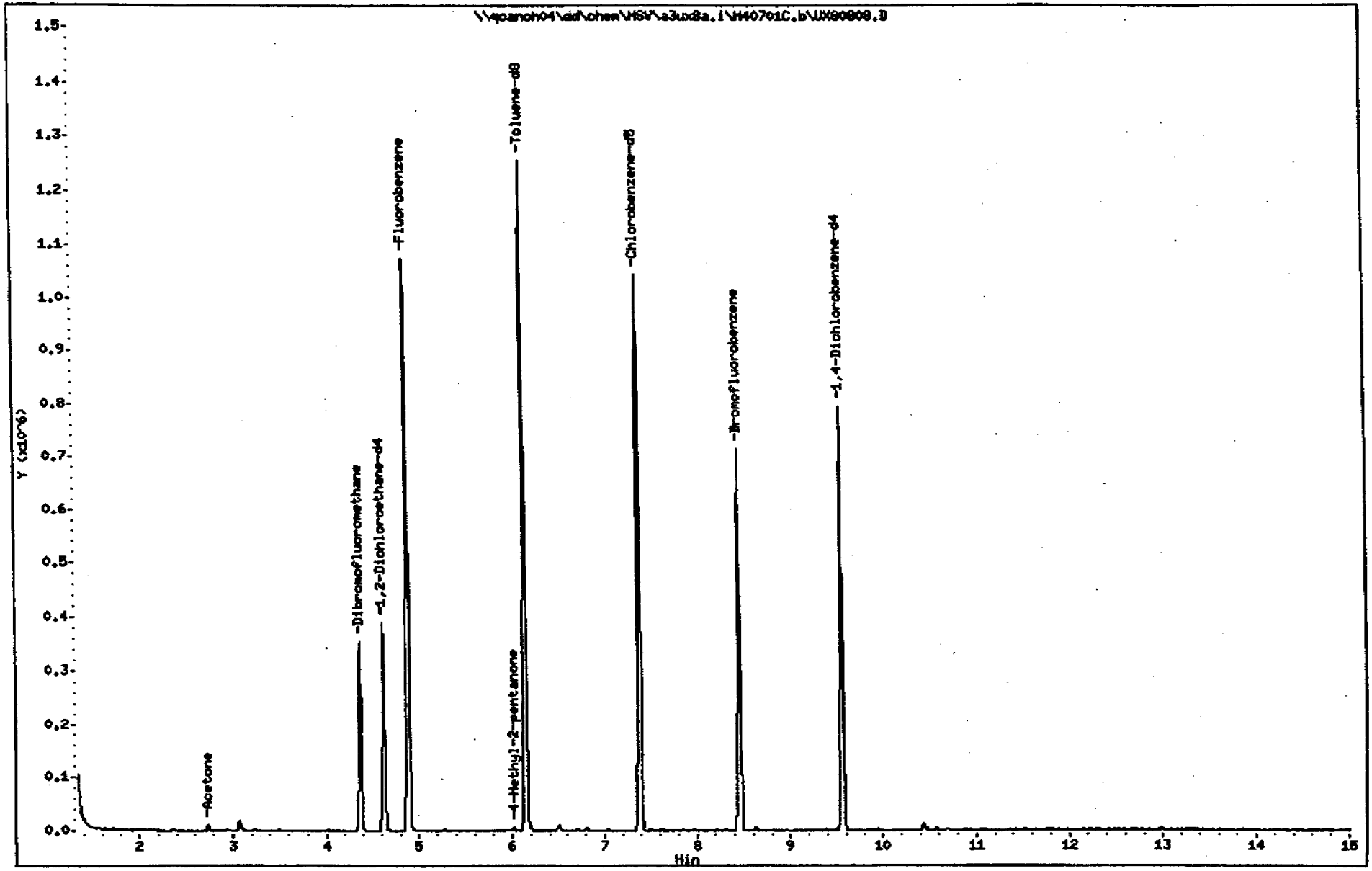
Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

Data File: \\qcanoh04\dd\chem\HSV\a3ux8a.i\H40701C.b\UX80808.D
Date : 01-JUL-2004 21:18
Client ID: GKHHFIAA
Sample Info: VBLK
Purge Volume: 5.0
Column phase: BB624

Instrument: a3ux8a.i

Operator: 1819
Column diameter: 0.18



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80808.D
Report Date: 02-Jul-2004 21:43

STL North Canton

VOLATILE REPORT SW-846 Method

Data file : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80808.D
Lab Smp Id: GKHHF1AA
Inj Date : 01-JUL-2004 21:18
Operator : 1819 Inst ID: a3ux8a.i
Smp Info : VBLK
Misc Info : M40701C,8260SUX8,,1819,3,,BLANK,,0
Comment :
Method : \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\8260SUX8.m
Meth Date : 02-Jul-2004 21:35 mcdaniels Quant Type: ISTD
Cal Date : 29-JUN-2004 13:14 Cal File: UX80712.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: 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	4.883	4.886	(1.000)	876146	250.000	
* 2 Chlorobenzene-d5	117	7.383	7.380	(1.000)	610283	250.000	
* 3 1,4-Dichlorobenzene-d4	152	9.561	9.558	(1.000)	223721	250.000	
$ 4 Dibromofluoromethane	113	4.366	4.363	(0.894)	193297	257.421	51.484
$ 5 1,2-Dichloroethane-d4	65	4.621	4.625	(0.946)	262550	249.595	49.919
$ 6 Toluene-d8	98	6.136	6.139	(1.257)	839889	271.194	54.239
$ 7 Bromofluorobenzene	95	8.448	8.451	(1.144)	280281	257.714	51.543
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	2.742	2.739	(0.561)	12083	53.9115	10.782
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80808.D
Report Date: 02-Jul-2004 21:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/KG)
	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	6.014	6.012	(1.232)	4854	5.88933	1.178
	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\a3ux8a.i\M40701C.b\UX80808.D
Report Date: 02-Jul-2004 21:43

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	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.					
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.					
103 Cyclohexanone	55	Compound Not Detected.					

Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\M40701C.b\UX80808.D

Date : 01-JUL-2004 21:18

Client ID:

Sample Info: VBLK

Purge Volume: 5.0

Column phase: DB624

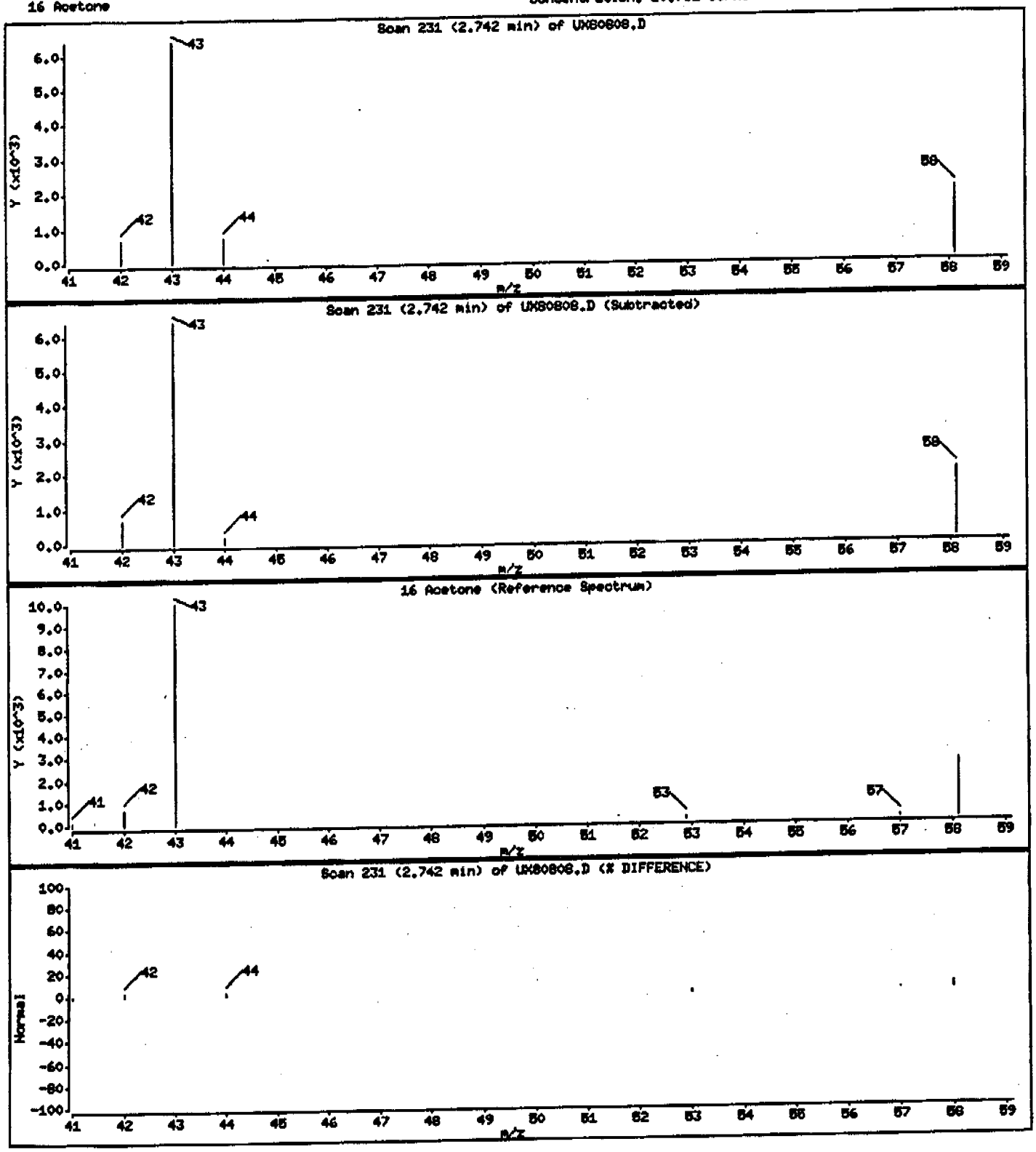
Instrument: a3ux8a.i

Operator: 1819

Column diameter: 0.18

Concentration: 10.782 UG/KG

16 Acetone



Data File: \\qcanoh04\dd\chem\MSV\a3ux8a.i\H40701C.b\UX80808.D

Date : 01-JUL-2004 21:18

Client ID:

Instrument: a3ux8a.i

Sample Info: VBLK

Purge Volume: 5.0

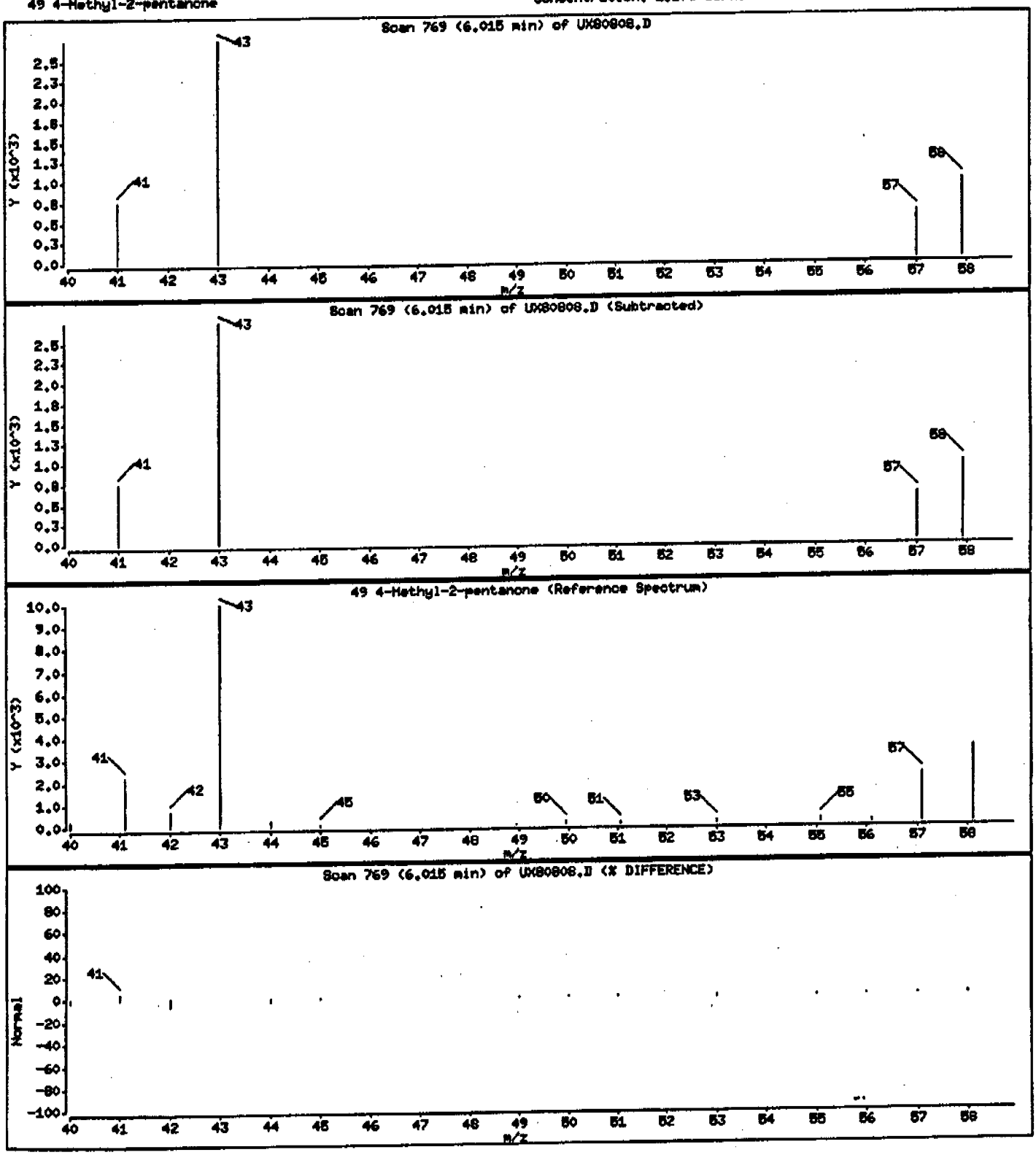
Operator: 1819

Column phase: DB624

Column diameter: 0.18

49 4-Methyl-2-pentanone

Concentration: 1.178 UG/KG



SEVERN TRENT STL

MISCELLANEOUS DATA

AHD 170157
170160
150181

UX7
Batch # H113235

STL-North Canton
GC S 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		Hold 3 min	Bake: 5 min @ 250 C
	IS # V1758 SS # V1759		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB 222	50 Ng	Direct Inject	08:50	OK
1	Val Cal		UX7 4907	↓ Ng	V1761 V1762,67	UH0H20	OK
2	A9 Cal		08	5 Ng	V1734 V1760	2-Methyl Nap fails	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	LC2		14	50 Ng	V1768	GCMK3-1AC	OK
9	LC2D		15	↓	↓	1AD	OK
10	Val Blank		16	5 ml		↓ 1AA	OK
11	GCD1X-1AA	ED	17	0.4 ml			OK
12	GCD16-1AA		18	0.175 ml			OK
13	GCD17-1AA		19	5 ml			OK
14	GCD19-1AA		20	↓			OK
15	GCD2F-1AA		21	0.002 ml			OK
16	GCD2G-1AA	↓	22	5 ml			OK
17	GCD2H-1AA		23	0.0015 ml		RR 0.25 ml	-
18	GCD2Q-1AA	ED	24	0.225 ml			OK
19	GCD2R-1AA		25	5 ml			OK
20	GCD2T-1AA		26				OK
21	1AC		27	+50 Ng	V1768		
22	↓ 1AD		28	↓	↓		
23	GCD2V-1AA		29				OK
24	GCD2W-1AA	↓	30	↓			OK
25	GD7HX-1AA	ED/GM	31	0.0025 ml			OK
26	GD7H0-1AA		32	5 ml			OK
27	GD7H3-1AA		33				OK
28	GD7H4-1AA	↓	34	↓		21:29	OK

8175

Analyst: CMR
Level 2 review: [illegible]

CMR

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	8260 Cal 1		UX7 6306	5 ng	V1905, 10 V1914, 14	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: CMR
Level 2 review: SMM

CMR 6-2-04

UX7
Batch # 418 2309

STL-North Canton
GC/MS VOA Run Log

(7/5)

Date: 6/29/04

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 # V2006 SS # V2007	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 /	/	BB310	50ml	direct	(7:17)	on
1	AQ STD		WX79206		V2018, 2008	4 ppb	on
2	W STD		07		V1995, 2001	40 ppb	on
3	Check	GJ934	08		V2058		on
4	Check Dup		09				on
5	Blank		10	5ml			on
6	GJTV5IAA		11				on
7	GJTW1AA		12				on
8	GJTOC1AA		13	0.2ml/5ml			on
9	GJTV8IAA		14	0.15ml/5ml			on
10	GJTWF1AA		15	0.1ml/5ml			on
11	GJTW6IAA		16	2.5ml/5ml			on
12	GJTW01AA		17	0.4ml/5ml			on
13	GJTX41AA		18	0.625ml/5ml			on
14	GJTX01AA		19	2.5ml/5ml			on
15	GJTX41AA		20	0.25ml/5ml			on
16	GJTOD1AA		21	0.45ml/5ml			on
17	GJTIC1AA		22	0.7ml/5ml			on
18	GJTX01AA		23	5ml			on
19	GJTX21AA		24				on
20	GJTO11AA		25				on
21	GJTO91AA		26				on
22	GJTOC1AZ	(5)	27	0.2ml/5ml	50ml		on
23	GJTOC1AD	(D)	28				on
24	GJQD01AA	ED	29	5ml			on
25	GJWMH1AA		30	3ml/5ml			on
26	GJWMK1AA		31	5ml			on
27	GJWML1AA		32				on

6/30/04

Analyst: [illegible]
Level 2 review: [illegible]

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 # V1924		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 Ext	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	CHevh GHK401AC		GHK481AC ux89927	5g/5mL	250ug	V1908 FAS	Oh	
10	CHevDup 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: SAM

UX8
Batch # 4182265

STL-North Canton
GC/MS VOA Run Log

6/30

Date: 6-29-04

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 1900 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		BFB8795	50cy	Direct I-J		OK	
—	BFB		BFB8796	50cy	Direct Inj.	100cc	OK	
1	Blank		UX80705	5ml/fil			OK	
2	8260STD		UX80706	250cy	V2013, V2004, V2995	M40603	OK	
3	Applx STD		UX80707	1000cy	V2018, V200		OK	
4			UX80708	500cy			OK	
5			UX80709	250cy		M40629-A9	OK	
6			UX80710	100cy			OK	
7			UX80711	50cy			OK	
8			UX80712	25cy			OK	
9	Check GJ9VJ1AC		UX80713	5g/fil	250g	V2008 FAS	OK	
10	Check Dup GJ9VJ1AD		UX80714				OK	
11	VBLK GJ9VJ1AA		UX80715				OK	
12	GJ9T81AA 2HECHK		UX80716	1ml/fil	250g	(4182257) V2008 FAS	OK	
13	GJ9T81AC 2HECHKDP		UX80717				OK	
14	GJ08X1AA 2HEVBLK		UX80718				OK	
15	GJTL91AC		UX80719			6/30	OK	A4F230218
16	GJTL91A2	MS	UX80720		250g	V2008 FAS	OK	
17	GJTL91A3	MSD	UX80721				OK	
18	GJTM41AD		UX80722				OK	
19	GJMQ51AA		UX80723		4181514	7/2	OK	A4F190133
20	GJMRK1AA		UX80724				OK	A4F190137
21	GJMRL1AA		UX80725		4182257	7/2	OK	A4F190140
22	GJMRQ1AA		UX80726				OK	143
23	GJMRR1AA		UX80727				OK	144
24	GJMRX1AA		UX80728				OK	145
25	GJMR11AA		UX80729				OK	147
26	GJMR41AA		UX80730				OK	149
27	GJHLA1AG ~~GJMTD1AA~~	SH 6/29/04	UX80731		5ml/fil	6/30	OK	C4F170303
28	GJHLQ1AA ~~GJMTL1AA~~	SH 6/29/04	UX80732				OK	
29	GJXFFICE ~~GJMTW1AA~~	SH 6/29/04	UX80733			7/22	OK	A4F240211

SAM 6-30-04

Analyst: SAM.
Level 2 review: [illegible]

UX8
Batch # 4P 4184435

STL-North Canton
GC/MS VOA Run Log

(7.2)

Date: 7·1·4
3rd tune

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 1800 psi	IS # U1988 SS # U1989		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number Sample prep	Comments	Sample status	
	BFB		BFB8800	50ng	direct injection (19:28)		OK	
1	blank		UX80804	5ml			—	
2	8260std		UX80805	250ng	U2036 U2013 U2031	M40603	OK	
3	AppIX std		UX80806	250ng	U2000 U2018	M40629·A9	OK	
4	check		UX80807	250ng	U2037	GKHHF 1AC	OK	
5	Blank		UX80808	5.0g/5ml		1AA	OK	
6	check		UX80809	250ng	U2037	1Ad	OK	
7	GJ3P6·1AA	ZHE	UX80810	500ml/5ml		4183138 TIC 7·2	OK	250390
8	check GKHHA 1AA		UX80811	1ml/5ml	+250ng	U2037 4184434	OK	
9	checkdup 1	1AC	UX80812	1ml/5ml	+250ng	U2037	OK	
10	GJ7WG1AA	BK	UX80813	1ml/5ml			OK	
11	GJ185·1AA		UX80814	1ml/5ml		7·5	OK	250195
12	GJ2dX·1Ad		UX80815	1ml/5ml		7·5	OK	250212
13	GJ2dX 1CH	MS	UX80816	1ml/5ml	+250ng	U2037 MS Run# 4184287	OK	
14	GJ2dX 1CJ	msd	UX80817	1ml/5ml	+250ng	U2037	OK	
15	GJ2EG 1Ad		UX80818	1ml/5ml			OK	
16	GJ2T8·1AK		UX80819	500ml/5ml		(R) 1ml 7·5	~~OK~~ 7·2	250269
17	GJ2W9·1AK		UX80820	100ml/5ml		TIC 7·5	OK	250280
18	GJ51P·1AA		UX80821	1ml/5ml		7·6	OK	280172
19	GJ628·1AA		UX80822	5ml		SS1 7·5		290130
20	GJ66X·1AA		UX80823	5ml		SS1		
21	GJ661·1AA		UX80824	750ml/5ml		SS1 Ø = 311ng		
22	GJ663·1AA		UX80825	5ml		SS1		
23	GJ67G 1AA		UX80826	5ml		SS1		
24	GJ67K 1AA		UX80827	5ml		SS1		
25	GJ67K·1AG	MS	UX80828	5ml	+250ng	U2037 SS1		
26	GJ67K-1AH	msd	UX80829	5ml	+250ng	U2037 SS1		
27	GJ67M·1AA		UX80830	5ml		SS1		
28	GJ674·1AA		UX80831	5ml		SS1		
29	GJGdV·1AC	TX ed	UX80832	6.4g		7·12	OK	220155
						7·2·4 JMM		

Analyst: SMM
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
6-22-04	BLK GJR17/HQ	5.0g					4/25/20	5ml encore surr #V1992	
	LCS DE 1/HQ 6-22-04 4. HQ							100ml encore fus Spike #V1993	
	LCSD								
	GJP16	5.3	5.3	5.3	H	12:55			Eff.
	GJP17	5.6	5.4	5.6			4/25/20		
	GJP2A	5.8	5.5	5.4					
	GJP2C	5.7	5.3	5.0					
	GJP2C-MS	5.7	5.4	5.5				100ml encore fus Spike #V1993	
	GJP2C-MSD	5.6	5.3	5.8					
	GJP2L	5.6	5.6	5.8					
6-22-04	GJP6H	35.53-29.95 5.58	38.27-32.65 5.62	38.02-32.77 5.25	N				
	GJP6A	35.38-29.81 5.57	38.40-32.63 5.77	38.38-32.71 5.67					
6-23-04	BLK	5.0g					4/80541	5ml encore surr #V1992	
	LCS							100ml encore fus Spike #V1993	
	LCSD								
	GJQF3	5.5				8:54			
	GJQF4	5.8							
	GJQF0	5.8							
	GJQF1	4.6							
	GJQF2	5.2							
	GJQF4	5.4							

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

284

STL North Canton

97

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
6.23.04	GJQF5	5.8				9:00		5ml encore soil #V1992	
	GJQF7	5.7							
	GJQF8	6.0							
	GJQDV	6.2	6.4	5.4	H	9:02			
6-23-04	BIIL	25.05						5ml encore soil #V1992	
	LCS							100ml encore fas spike #V1993	
	LSD								
	GJQK3	27.8				11:23			
	GJQTV	26.3							
	GJQRF	24.4							
	GJQL8	29.2							
	GJQL8MS	30.3						100ml encore fas spike #V1993	
	GJQL8MSD	26.8							
	GJQMD	23.4							
	GJP46	25.7							
	GJP48	29.3							
	GJP5A	28.1							
	GJP5C	22.2							
	GJP49	25.9							
	GJR6Q	6.0				14:21		5ml encore soil #V1992	
	GJR66	6.0							

*H = 5ml water and freeze
*N = 5ml sodium bisulfate solution

SL205
age 1

Severn Trent Laboratories, Inc

Closed

System Date: 6/22/04 10:25:44
Local Date: 6/22/04 12:25:44

MSVOC Lot Summary - A4F220155

SDG: 4F22155

68

LIENT: 5670 PAYNE FIRM INC.
ROJECT MANAGER: Roger K. Toth
ITE: EMD/NORWOOD, OHIO
OT COMMENTS:
C PACKAGE: Expanded Deliverables

Date Received: 6/22/04
Date Analysis Due: 7/12/04 N
Date Report Due: 7/19/04
Turnaround Time: 20

AMP#	W/O NO.	PARAMETER	X-REF	Sampled	Expires	Est	Sample ID, Comments / Analysis Comments
01-	GJQDQ-1AA	XX I 25 QK 01 MS8260LL	2	6/21/04	7/05/04	N	TRIP BLANK/062104 Q: CLP MSVOA TCL Standard List EXP DEL. SDG# 4F22155. AP9 Compounds
02-	GJQDV-1AC	XX A 4P QK 01 MS8260EN	3	6/21/04 13:00	7/05/04	N	DW001/29.5-30.5/062104 Q: 40CFR264 Appendix IX MSVOA Standard List EXP DEL. SDG# 4F22155.

Pkt=1

07/19/04 07:19:02 Sample Control Chain of Custody - STL North Canton PAGE 1

LOT NUMBER	SAMPLE	LAB ID	ANALYSIS TYPE	ANALYSIS DATE	ANALYST
A4F220155	1	GJQDQ1AA	MS8260LL	6/29/04	Laura Evans
A4F220155	2	GJQDV1AC	MS8260EN	7/02/04	Susan Kardohely

* * * E N D O F R E P O R T * * *

GENERAL CHEMISTRY DATA

QC SUMMARY

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 4F22155 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: GJWGP1AA		MB Lot-Sample #:	A4F230000-058	
	ND	10.0	%	MCAWW 160.3 MOD	06/23-06/24/04	4175058

Dilution Factor: 1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F220155 **Work Order #...:** GJQE3-SMP GJQE3-DUP **Matrix.....:** SOLID
Date Sampled...: 06/21/04 09:15 **Date Received..:** 06/22/04
% Moisture.....: 21

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F220163-001		
	79.1	80.3	%	1.5	(0-20)	MCAWW 160.3 MOD	06/23-06/24/04	4175058

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A4F220155 **Work Order #...:** GJQL8-SMP **Matrix.....:** SOLID
GJQL8-DUP
Date Sampled...: 06/21/04 15:45 **Date Received..:** 06/22/04
% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A4F220188-006		
	84.6	85.0	%	0.43	(0-20)	MCAWW 160.3 MOD	06/23-06/24/04	4175058

Dilution Factor: 1

SAMPLE DATA

PAYNE FIRM INC.

Client Sample ID: DW001/29.5-30.5/062104

General Chemistry

Lot-Sample #...: A4F220155-002 **Work Order #...:** GJQDV **Matrix.....:** SO
Date Sampled...: 06/21/04 13:00 **Date Received..:** 06/22/04
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**06/23-06/24/04**	**4175058**

Dilution Factor: 1

SUPPORTIVE RAW DATA

STL North Canton General Chemistry Data Review Checklist

Parameter(s): TS / % moisture

Batch(es): 4175058

Method #/SOP#: 160.

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: JC **Date:** 6/24/04

Level II Reviewer: Bruce Woodward **Date:** 6/24/04

Level I review:

N:\QAQC\LAB_FORM\Wet Chemistry Forms\Wet Chem_LevelI.doc
Corporate Policy, QA-012
Revision date: 08/25/00

			STL North Canton			
		Percent Total Solid/Percent Moisture Logsheet				
Analysis	TS			Batch		
Prep Date	6/23/04	Time In	7:29AM	Analyst	AM	
					AM	
Anal date	6/24/04	Time Out	6:40AM	RL	10	
Sample	Tare	Wet	Dry	Result TS	Result MS	comments
Id	wt	wt	wt	%	%	
BLANK C	4.386	4.3076	4.2877	2.61	ND	
GJQE3	4.386	11.8512	10.2914	79.106	20.894	
GJQE3-X	4.386	12.5977	10.9784	80.281	19.719	
GJQFX	4.386	15.8268	13.9067	83.217	16.783	
GJQFO	4.386	16.6547	15.1492	87.729	12.271	
GJQF1	4.386	19.1836	17.9303	91.530	8.470	
GJQF2	4.386	16.0833	13.3561	76.685	23.315	
GJQF4	4.386	19.0089	17.6526	90.725	9.275	
GJQF5	4.386	16.0299	14.1997	84.282	15.718	
GJQF7	4.386	19.992	17.1161	81.572	18.428	
GJQF8	4.386	19.128	16.0817	79.336	20.664	
GJP6A	4.386	17.2349	15.9081	89.674	10.326	
GJP6G	4.386	22.1319	19.0902	82.860	17.140	
GJP6H	4.386	22.1211	19.4921	85.176	14.824	
GJP6W	4.386	17.7101	16.2959	89.386	10.614	
GJP64	4.386	17.5362	15.1406	81.783	18.217	
GJQK3	4.386	15.5848	13.7787	83.872	16.128	
GJQL8	4.386	19.0943	16.8339	84.632	15.368	
GJQL8-X	4.386	20.9376	18.4541	84.995	15.005	
GJQMD	4.386	19.9028	15.2332	69.906	30.094	
GJQRF	4.386	13.2265	11.0408	75.276	24.724	
GJQTV	4.386	11.0626	9.6405	78.700	21.300	
GJQDV	4.386	11.3134	10.2693	84.928	15.072	
	4.386			100.000	0.000	

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
A4F220155	2		GJQDV1AA	Solids, Percent (as TS - 160.3 MOD) - Solids	06/23/04	Angela Matthews	06/24/04	Olguita Colon

END OF REPORT