From: <Scott_McCabe@URSCorp.com>
To: <djchiusa@gw.dec.state.ny.us>, <Chuck_Dusel@URSCorp.com>
Date: 5/3/2007 11:41:23 AM
Subject: VFW SSD confirmatory samples;VFW DUSR - feb 2007

Dave,
Attached are the DUSRs for the VFW and Seneca Market confirmatory sampling. We are scheduling a inspection of the two systems sometime in June 2007 to make sure they are in proper working order.

Scott C. McCabe
Senior Geologist
77 Goodell Street
Buffalo, NY 14203
Tel: 716-856-5636
Fax: 716-856-2545

(See attached file: VFW SSD confirmatory samples.pdf)
(See attached file: VFW DUSR - feb 2007.pdf)

TABLE 1
SUMMARY OF INDOOR AIR MONITORING RESULTS
VFW POST

Location ID				VFW-01	VFW-01	VFW-01
Sample ID				VFW-01-AA	VFW-01-IA	VFW-01-SS
Matrix				Ambient Air	Indoor Air	Sub-Slab Air
Depth Interval (ft)				-	-	-
Date Sampled				09/26/06	09/26/06	09/26/06
Parameter	**Units**	**Criteria (1)**	**Criteria (2)**			
Volatile Organic Compounds						
Chloroform	UG/M3	-	-	0.2 UJ	0.42 J	8.3 J
1,2-Dichloroethene (total)	UG/M3	-	-	0.16 UJ	0.16 UJ	0.67 J
Carbon Tetrachloride	UG/M3	-	-	0.69 J	0.69 J	8.2 J
Bromodichloromethane	UG/M3	-	-	0.27 UJ	0.42 J	1.5 J
Trichloroethene	UG/M3	5	250	0.21 UJ	0.21 UJ	3.0 J
Benzene	UG/M3	-	-	0.30 J	1.3 J	3.0 J
Tetrachloroethene	UG/M3	100	1000	0.27 UJ	0.6 J	15 J
Toluene	UG/M3	-	-	0.57 J	4.1 J	14 J
Ethylbenzene	UG/M3	-	-	0.17 UJ	0.69 J	2.3 J
Xylene (total)	UG/M3	-	-	0.40 J	3.5 J	13 J
cis-1,2-Dichloroethene	UG/M3	-	-	0.16 UJ	0.16 UJ	0.67 J
1,3,5-Trimethylbenzene	UG/M3	-	-	0.2 UJ	0.33 J	0.84 J
1,3-Butadiene	UG/M3	-	-	0.44 UJ	0.46 J	0.88 UJ
4-Ethyltoluene	UG/M3	-	-	0.2 UJ	0.84 J	2.1 J
Cyclohexane	UG/M3	-	-	0.14 UJ	0.22 J	1.2 J
Heptane	UG/M3	-	-	0.17 J	1.1 J	2.7 J
Hexane	UG/M3	-	-	0.28 UJ	0.95 J	4.6 J
Trichlorofluoromethane	UG/M3	-	-	1.6 J	15 J	6.7 J
Dichlorodifluoromethane	UG/M3	-	-	3.0 J	29 J	9.9 J
2,2,4-Trimethylpentane	UG/M3	-	-	0.19 UJ	0.98 J	1.6 J

Criteria (1)- NYSDOH letter from N. Kim to D. Desnoyers, Division of Environmental Remediation, NYSDEC (October 31, 2003)

Criteria (2)- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Soil Vapor/Indoor Air Matrix 1 and 2.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

J - Estimated value

- No criteria available

Only Detected Results Reported.

Detection Limits shown are PQL

TABLE 2
SUMMARY OF STACK MONITORING RESULTS
VFW POST

Location ID				VFW-01
Sample ID				VFW-01-VS
Matrix				Soil Gas
Depth Interval (ft)				-
Date Sampled				09/26/06
Parameter	**Units**	**Criteria (1)**	**Criteria (2)**	
Volatile Organic Compounds				
1,2-Dichloroethene (total)	UG/M3	-	-	0.91 J
Trichloroethene	UG/M3	5	250	1.1 J
Benzene	UG/M3	-	-	4.2 J
Toluene	UG/M3	-	-	17 J
Ethylbenzene	UG/M3	-	-	2.5 J
Xylene (total)	UG/M3	-	-	12 J
cis-1,2-Dichloroethene	UG/M3	-	-	0.91 J
1,3-Butadiene	UG/M3	-	-	2.1 J
4-Ethyltoluene	UG/M3	-	-	1.4 J
Cyclohexane	UG/M3	-	-	2.3 J
Heptane	UG/M3	-	-	3.6 J
Hexane	UG/M3	-	-	9.9 J
Trichlorofluoromethane	UG/M3	-	-	3.5 J
Dichlorodifluoromethane	UG/M3	-	-	7.9 J
2,2,4-Trimethylpentane	UG/M3	-	-	4.4 J

Criteria (1)- NYSDOH letter from N. Kim to D. Desnoyers, Division of Environmental Remediation, NYSDEC (October 31, 2003)

Criteria (2)- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Soil Vapor/Indoor Air Matrix 1 and 2.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

J - Estimated value

- No criteria available

Only Detected Results Reported.

Detection Limits shown are PQL

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Printed: 11/27/2006 3:03:18 PM
[LOCID] = 'VFW-01' AND [LOGDATE] = #9/26/2006# AND [MATRIX] LIKE 'GS

NORTH FRANKLIN STREET SITE
SITE NO. 84-90-002
WORK ASSIGNMENT D003825-093

Analyses Performed by:

SEVERN-TRENT LABORATORIES

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

FEBRUARY 2007

TABLE OF CONTENTS

TABLES
(Following Text)

ATTACHMENTS

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999. Analytical data for the air and soil vapor samples collected on December 20, 2006 are discussed in this DUSR.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

The air and soil vapor data being evaluated are from the December 20, 2006 collection of four air and soil vapor samples and one field duplicate sample. The analytical laboratory that performed the analyses is Severn-Trent Laboratories (STL), located in Burlington, VT. The samples were analyzed for VOCs following United States Environmental Protection Agency (USEPA) Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, January 1999, Method TO-15, *Determination of VOCs in Air Collected in Specially Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*.

A limited data validation was performed on the samples following the guidelines in USEPA Region II *Validating Canisters of Volatile Organics in Ambient Air*, Rev. 0, April 1994 and the analytical methods. The validation included: a review of holding times and completeness of all required deliverables; a review of quality control (QC) results (blanks, instrument tunings, calibration standards, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'J' (estimated concentration) and 'UJ' (estimated quantitation limit). Copies of the validated laboratory results (i.e., Form 1's) are presented in

Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only problems affecting data usability are discussed in this report.

Table 1 summarizes the qualifications applied to the sample results. The validated analytical results are presented on Table 2.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages [(i.e., NYSDEC Analytical Services Protocol (ASP) Category B or equivalent)] were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratories intact and under proper chain-of-custody and analyzed within required holding times.

V. NONCONFORMANCES

- Continuing Calibrations

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one of the continuing calibration (CCAL) standards exceeded the QC limit of 25% for 1,2-dichlorotetrafluoroethane. The non-detect results for this compound in the associated samples listed on Table 1 have been qualified 'UJ'.

Documentation supporting the qualification of data (i.e., Form 5 and 7) is presented in Attachment B.

- Laboratory Control Samples

The recovery percentage of dichlorodifluoromethane in one of the laboratory control sample (LCS) was greater than the upper QC limit. The detected results for this compound in the associated samples listed on Table 1 have been qualified 'J'.

Documentation supporting the qualification of data (e.g. Form 3 and 5) is presented in Attachment B.

VI. SAMPLE RESULTS AND REPORTING

All QLs were reported in accordance with method requirements and were adjusted for sample size and dilution factors. Results below the QL were qualified 'J' by the laboratory.

Sample VFW-01-SS was analyzed at a dilution due to elevated levels of target compounds. The QLs reported for the non-detect compounds represent the lowest achievable at the diluted level.

STL – Burlington performs two types of TO-15 analyses, depending on the expected range of analyte concentrations in the samples. A "standard" TO-15 analysis is used for all soil vapor samples. A "low-level" TO-15 analysis, for which the laboratory calibrates the instrument over a lower range of concentrations, is used for all indoor and outdoor air samples in order to achieve the lower quantitation limits (QL) required for these air samples. Because methylene chloride is a common laboratory contaminant, STL – Burlington has indicated that valid "low-level" instrument calibrations are difficult to achieve for this compound. In addition, samples often require dilutions for methylene chloride to the extent that other target compounds are not detected. As a result, STL-Burlington does not analyze for this compound when performing "low-level" TO-15 analyses, and there are no results reported for this compound in the indoor and outdoor air samples.

VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Prepared By: **Ann Marie Kropovitch, Chemist** **Date:** 2/22/07

Reviewed By: **James J. Lehnen, Senior Chemist** **Date:** 2/22/07

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

D – The sample results are reported from a separate secondary dilution analysis.

NJ – Presumptive evidence of a compound at an estimated value.

TABLE 1

SUMMARY OF DATA QUALIFICATIONS
NORTH FRANKLIN STREET SITE
SITE NO. 84-90-002
WORK ASSIGNMENT D003825-093

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
Air samples VFW-01-1A, 122006-FD2 (VFW-01-IA), VFW-01-AA	VOCs	LCS %R > QC limit for dichlorodifluoromethane.	Qualify detected result 'J'.
Air samples VFW-01-1A, 122006-FD2 (VFW-01-IA), VFW-01-AA	VOCs	CCAL %D > 25%D for 1,2-dichlorotetrafluoroethane.	Qualify non-detected results 'UJ'.

TABLE 2
VALIDATED AIR AND SOIL VAPOR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE # 84-90-002
WA D003825-093

Location ID		VFW-01-AA	VFW-01-IA	VFW-01-IA	VFW-01-SS	VFW-01-VS
Sample ID		VFW-01-AA	122006-FD2	VFW-01-IA	VFW-01-SS	VFW-01-VS
Matrix		Outdoor Air	Indoor Air	Indoor Air	Sub-Slab Air	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/20/06	12/20/06	12/20/06	12/20/06	12/20/06
Parameter	Units		Field Duplicate (1-1)			
Volatile Organic Compounds						
Bromomethane	UG/M3	0.31 U	0.31 U	0.31 U	7.8 U	0.62 U
Vinyl Chloride	UG/M3	0.20 U	0.20 U	0.20 U	5.1 U	0.41 U
Chloroethane	UG/M3	0.21 U	0.21 U	0.21 U	13 U	1.1 U
Methylene Chloride	UG/M3	NA	NA	NA	17 U	1.4 U
1,1-Dichloroethene	UG/M3	0.16 U	0.16 U	0.16 U	7.9 U	0.63 U
1,1-Dichloroethane	UG/M3	0.16 U	0.16 U	0.16 U	8.1 U	0.65 U
Chloroform	UG/M3	0.20 U	0.21	0.20 U	9.8 U	0.78 U
1,2-Dichloroethane	UG/M3	0.32 U	0.32 U	0.32 U	8.1 U	0.65 U
1,1,1-Trichloroethane	UG/M3	0.22 U	0.22 U	0.22 U	11 U	0.87 U
Carbon Tetrachloride	UG/M3	0.88	0.75	0.75	13 U	1.0 U
Bromodichloromethane	UG/M3	0.27 U	0.27 U	0.27 U	13 U	1.1 U
1,2-Dichloropropane	UG/M3	0.37 U	0.37 U	0.37 U	9.2 U	0.74 U
cis-1,3-Dichloropropene	UG/M3	0.18 U	0.18 U	0.18 U	9.1 U	0.73 U
Trichloroethene	UG/M3	0.21 U	0.21 U	0.21 U	11 U	0.86 U
Benzene	UG/M3	1.9	1.8	1.8	8.3	2.1
Dibromochloromethane	UG/M3	0.34 U	0.34 U	0.34 U	17 U	1.4 U
trans-1,3-Dichloropropene	UG/M3	0.18 U	0.18 U	0.18 U	9.1 U	0.73 U
1,1,2-Trichloroethane	UG/M3	0.22 U	0.22 U	0.22 U	11 U	0.87 U
Bromoform	UG/M3	0.41 U	0.41 U	0.41 U	21 U	1.7 U
Bromoethene	UG/M3	0.35 U	0.35 U	0.35 U	8.7 U	0.70 U
Tetrachloroethene	UG/M3	0.59	0.47	0.47	32	1.1 U
1,1,2,2-Tetrachloroethane	UG/M3	0.27 U	0.27 U	0.27 U	14 U	1.1 U
Toluene	UG/M3	4.5	3.8	3.8	49	6.0

Flags assigned during chemistry validation are shown.

Made by AMK 2/22/07
Check by JJL 2/22/07

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR AND SOIL VAPOR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE # 84-90-002
WA D003825-093

Location ID		VFW-01-AA	VFW-01-IA	VFW-01-IA	VFW-01-SS	VFW-01-VS
Sample ID		VFW-01-AA	122006-FD2	VFW-01-IA	VFW-01-SS	VFW-01-VS
Matrix		Outdoor Air	Indoor Air	Indoor Air	Sub-Slab Air	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		12/20/06	12/20/06	12/20/06	12/20/06	12/20/06
Parameter	Units		Field Duplicate (1-1)			
Volatile Organic Compounds						
Ethylbenzene	UG/M3	0.74	0.69	0.69	12	0.91
Xylene (total)	UG/M3	3.6	3.3	3.3	69	4.8
cis-1,2-Dichloroethene	UG/M3	0.16 U	0.16 U	0.16 U	7.9 U	0.63 U
trans-1,2-Dichloroethene	UG/M3	0.16 U	0.16 U	0.16 U	7.9 U	0.63 U
1,3,5-Trimethylbenzene	UG/M3	0.35	0.33	0.35	9.8 U	0.79 U
Methyl tert-Butyl Ether	UG/M3	0.14 U	0.14 U	0.14 U	18 U	1.4 U
1,3-Butadiene	UG/M3	0.33	0.38	0.40	11 U	0.88 U
3-Chloropropene	UG/M3	0.25 U	0.25 U	0.25 U	16 U	1.3 U
4-Ethyltoluene	UG/M3	0.79	0.69	0.74	17	1.1
Cyclohexane	UG/M3	0.30	0.32	0.25	6.9 U	0.55 U
Ethylene Dibromide	UG/M3	0.31 U	0.31 U	0.31 U	15 U	1.2 U
Heptane	UG/M3	0.98	0.78	0.82	18	0.98
Hexane	UG/M3	1.3	1.1	1.1	19	1.8
Trichlorofluoromethane	UG/M3	1.9	4.4	4.4	11 U	2.1
Dichlorodifluoromethane	UG/M3	4.1 J	4.7 J	4.9 J	25 U	4.0
1,2-Dichlorotetrafluoroethane	UG/M3	0.28 UJ	0.28 UJ	0.28 UJ	14 U	1.1 U
2,2,4-Trimethylpentane	UG/M3	0.65	0.79	0.79	1,600	25

Flags assigned during chemistry validation are shown.

Made by AMK 2/22/07
Check by JJL 2/22/07

Detection Limits shown are PQL

ATTACHMENT A

VALIDATED FORM 1'S

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-IA

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696161

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dichlorodifluoromethane	75-71-8	0.99	J	0.040	4.9	J	0.20
1,2-Dichlorotetrafluoroethane	76-14-2	0.040	U J	0.040	0.28	U J	0.28
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,3-Butadiene	106-99-0	0.18		0.080	0.40		0.18
Bromomethane	74-83-9	0.080	U	0.080	0.31	U	0.31
Chloroethane	75-00-3	0.080	U	0.080	0.21	U	0.21
Bromoethene	593-60-2	0.080	U	0.080	0.35	U	0.35
Trichlorofluoromethane	75-69-4	0.78		0.040	4.4		0.22
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
3-Chloropropene	107-05-1	0.080	U	0.080	0.25	U	0.25
Methyl tert-Butyl Ether	1634-04-4	0.040	U	0.040	0.14	U	0.14
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
n-Hexane	110-54-3	0.30		0.080	1.1		0.28
1,1-Dichloroethane	75-34-3	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
Chloroform	67-66-3	0.040	U	0.040	0.20	U	0.20
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Cyclohexane	110-82-7	0.073		0.040	0.25		0.14
Carbon Tetrachloride	56-23-5	0.12		0.040	0.75		0.25
2,2,4-Trimethylpentane	540-84-1	0.17		0.040	0.79		0.19
Benzene	71-43-2	0.56		0.040	1.8		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
n-Heptane	142-82-5	0.20		0.040	0.82		0.16
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.080	U	0.080	0.37	U	0.37
Bromodichloromethane	75-27-4	0.040	U	0.040	0.27	U	0.27
cis-1,3-Dichloropropene	10061-01-5	0.040	U	0.040	0.18	U	0.18
Toluene	108-88-3	1.0		0.040	3.8		0.15
trans-1,3-Dichloropropene	10061-02-6	0.040	U	0.040	0.18	U	0.18
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.070		0.040	0.47		0.27
Dibromochloromethane	124-48-1	0.040	U	0.040	0.34	U	0.34

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-IA

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696161

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
1,2-Dibromoethane	106-93-4	0.040	U	0.040	0.31	U	0.31
Ethylbenzene	100-41-4	0.16		0.040	0.69		0.17
Xylene (m,p)	1330-20-7	0.56		0.080	2.4		0.35
Xylene (o)	95-47-6	0.20		0.040	0.87		0.17
Xylene (total)	1330-20-7	0.77		0.040	3.3		0.17
Bromoform	75-25-2	0.040	U	0.040	0.41	U	0.41
1,1,2,2-Tetrachloroethane	79-34-5	0.040	U	0.040	0.27	U	0.27
4-Ethyltoluene	622-96-8	0.15		0.040	0.74		0.20
1,3,5-Trimethylbenzene	108-67-8	0.072		0.040	0.35		0.20

FD of VFW-01-1A

TO-14/15
Result Summary

CLIENT SAMPLE NO.

122006-FD2

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696164

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.96	J	0.040	4.7	J	0.20
1,2-Dichlorotetrafluoroethane	76-14-2	0.040	U J	0.040	0.28	U J	0.28
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,3-Butadiene	106-99-0	0.17		0.080	0.38		0.18
Bromomethane	74-83-9	0.080	U	0.080	0.31	U	0.31
Chloroethane	75-00-3	0.080	U	0.080	0.21	U	0.21
Bromoethene	593-60-2	0.080	U	0.080	0.35	U	0.35
Trichlorofluoromethane	75-69-4	0.78		0.040	4.4		0.22
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
3-Chloropropene	107-05-1	0.080	U	0.080	0.25	U	0.25
Methyl tert-Butyl Ether	1634-04-4	0.040	U	0.040	0.14	U	0.14
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
n-Hexane	110-54-3	0.32		0.080	1.1		0.28
1,1-Dichloroethane	75-34-3	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
Chloroform	67-66-3	0.042		0.040	0.21		0.20
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Cyclohexane	110-82-7	0.093		0.040	0.32		0.14
Carbon Tetrachloride	56-23-5	0.12		0.040	0.75		0.25
2,2,4-Trimethylpentane	540-84-1	0.17		0.040	0.79		0.19
Benzene	71-43-2	0.57		0.040	1.8		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
n-Heptane	142-82-5	0.19		0.040	0.78		0.16
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.080	U	0.080	0.37	U	0.37
Bromodichloromethane	75-27-4	0.040	U	0.040	0.27	U	0.27
cis-1,3-Dichloropropene	10061-01-5	0.040	U	0.040	0.18	U	0.18
Toluene	108-88-3	1.0		0.040	3.8		0.15
trans-1,3-Dichloropropene	10061-02-6	0.040	U	0.040	0.18	U	0.18
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.069		0.040	0.47		0.27
Dibromochloromethane	124-48-1	0.040	U	0.040	0.34	U	0.34

FD OF VFW-01-IA

TO-14/15
Result Summary

CLIENT SAMPLE NO.

122006-FD2

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696164

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
1,2-Dibromoethane	106-93-4	0.040	U	0.040	0.31	U	0.31
Ethylbenzene	100-41-4	0.16		0.040	0.69		0.17
Xylene (m,p)	1330-20-7	0.55		0.080	2.4		0.35
Xylene (o)	95-47-6	0.19		0.040	0.83		0.17
Xylene (total)	1330-20-7	0.75		0.040	3.3		0.17
Bromoform	75-25-2	0.040	U	0.040	0.41	U	0.41
1,1,2,2-Tetrachloroethane	79-34-5	0.040	U	0.040	0.27	U	0.27
4-Ethyltoluene	622-96-8	0.14		0.040	0.69		0.20
1,3,5-Trimethylbenzene	108-67-8	0.067		0.040	0.33		0.20

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-AA

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696163

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.82	J	0.040	4.1	J	0.20
1,2-Dichlorotetrafluoroethane	76-14-2	0.040	U	0.040	0.28	U	0.28
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,3-Butadiene	106-99-0	0.15		0.080	0.33		0.18
Bromomethane	74-83-9	0.080	U	0.080	0.31	U	0.31
Chloroethane	75-00-3	0.080	U	0.080	0.21	U	0.21
Bromoethene	593-60-2	0.080	U	0.080	0.35	U	0.35
Trichlorofluoromethane	75-69-4	0.33		0.040	1.9		0.22
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
3-Chloropropene	107-05-1	0.080	U	0.080	0.25	U	0.25
Methyl tert-Butyl Ether	1634-04-4	0.040	U	0.040	0.14	U	0.14
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
n-Hexane	110-54-3	0.36		0.080	1.3		0.28
1,1-Dichloroethane	75-34-3	0.040	U	0.040	0.16	U	0.16
1,2-Dichloroethene (total)	540-59-0	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.040	U	0.040	0.16	U	0.16
Chloroform	67-66-3	0.040	U	0.040	0.20	U	0.20
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Cyclohexane	110-82-7	0.087		0.040	0.30		0.14
Carbon Tetrachloride	56-23-5	0.14		0.040	0.88		0.25
2,2,4-Trimethylpentane	540-84-1	0.14		0.040	0.65		0.19
Benzene	71-43-2	0.60		0.040	1.9		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
n-Heptane	142-82-5	0.24		0.040	0.98		0.16
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.080	U	0.080	0.37	U	0.37
Bromodichloromethane	75-27-4	0.040	U	0.040	0.27	U	0.27
cis-1,3-Dichloropropene	10061-01-5	0.040	U	0.040	0.18	U	0.18
Toluene	108-88-3	1.2		0.040	4.5		0.15
trans-1,3-Dichloropropene	10061-02-6	0.040	U	0.040	0.18	U	0.18
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.087		0.040	0.59		0.27
Dibromochloromethane	124-48-1	0.040	U	0.040	0.34	U	0.34

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-AA

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696163

Date Analyzed: 12/27/2006

Date Received: 12/21/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
1,2-Dibromoethane	106-93-4	0.040	U	0.040	0.31	U	0.31
Ethylbenzene	100-41-4	0.17		0.040	0.74		0.17
Xylene (m,p)	1330-20-7	0.59		0.080	2.6		0.35
Xylene (o)	95-47-6	0.23		0.040	1.0		0.17
Xylene (total)	1330-20-7	0.82		0.040	3.6		0.17
Bromoform	75-25-2	0.040	U	0.040	0.41	U	0.41
1,1,2,2-Tetrachloroethane	79-34-5	0.040	U	0.040	0.27	U	0.27
4-Ethyltoluene	622-96-8	0.16		0.040	0.79		0.20
1,3,5-Trimethylbenzene	108-67-8	0.072		0.040	0.35		0.20

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-SS

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696160

Date Analyzed: 01/03/2007

Date Received: 12/21/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U	5.0	25	U	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methylene Chloride	75-09-2	5.0	U	5.0	17	U	17
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.5		5.0	19		18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
1,2-Dichloroethene (total)	540-59-0	2.0	U	2.0	7.9	U	7.9
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.0	U	2.0	9.8	U	9.8
1,1,1-Trichloroethane	71-55-6	2.0	U	2.0	11	U	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon Tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	340		2.0	1600		9.3
Benzene	71-43-2	2.6		2.0	8.3		6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	4.5		2.0	18		8.2
Trichloroethene	79-01-6	2.0	U	2.0	11	U	11
1,2-Dichloropropane	78-87-5	2.0	U	2.0	9.2	U	9.2
Bromodichloromethane	75-27-4	2.0	U	2.0	13	U	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U	2.0	9.1	U	9.1
Toluene	108-88-3	13		2.0	49		7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	4.7		2.0	32		14

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-SS

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696160

Date Analyzed: 01/03/2007

Date Received: 12/21/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	2.0	U	2.0	17	U	17
1,2-Dibromoethane	106-93-4	2.0	U	2.0	15	U	15
Ethylbenzene	100-41-4	2.7		2.0	12		8.7
Xylene (m,p)	1330-20-7	11		5.0	48		22
Xylene (o)	95-47-6	3.8		2.0	17		8.7
Xylene (total)	1330-20-7	16		2.0	69		8.7
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	3.5		2.0	17		9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-VS

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696162

Date Analyzed: 01/02/2007

Date Received: 12/21/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.81		0.40	4.0		2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	0.38		0.16	2.1		0.90
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methylene Chloride	75-09-2	0.40	U	0.40	1.4	U	1.4
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.52		0.40	1.8		1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	5.3		0.16	25		0.75
Benzene	71-43-2	0.67		0.16	2.1		0.51
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
n-Heptane	142-82-5	0.24		0.16	0.98		0.66
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Toluene	108-88-3	1.6		0.16	6.0		0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	U	0.16	0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1

TO-14/15
Result Summary

CLIENT SAMPLE NO.

VFW-01-VS

Lab Name: STL Burlington

SDG Number: NY118127

Case Number:

Sample Matrix: AIR

Lab Sample No.: 696162

Date Analyzed: 01/02/2007

Date Received: 12/21/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4
1,2-Dibromoethane	106-93-4	0.16	U	0.16	1.2	U	1.2
Ethylbenzene	100-41-4	0.21		0.16	0.91		0.69
Xylene (m,p)	1330-20-7	0.77		0.40	3.3		1.7
Xylene (o)	95-47-6	0.29		0.16	1.3		0.69
Xylene (total)	1330-20-7	1.1		0.16	4.8		0.69
Bromoform	75-25-2	0.16	U	0.16	1.7	U	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	U	0.16	1.1	U	1.1
4-Ethyltoluene	622-96-8	0.22		0.16	1.1		0.79
1,3,5-Trimethylbenzene	108-67-8	0.16	U	0.16	0.79	U	0.79

ATTACHMENT B

SUPPORT DOCUMENTATION

AIR SAMPLE
CHAIN OF CUSTODY RECORD

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203
PHONE: 716-856-5636
URS CONTACT: Ann Marie Krapovitch

PROJECT NUMBER: 11174721.0002
SITE NAME: VFW Post
SAMPLERS (PRINT/SIGNATURE): Scott McCabe
DELIVERY SERVICE: Fed Ex (ENID) AIRBILL NO.:
LAB: SIL-Burnaby
SHIPPING CONTAINER: 1 of 2
PAGE: 1 of 1

SAMPLE INFORMATION

LOCATION IDENTIFIER	SAMPLE DATE	SAMPLE TIME	SAMPLE ID	MATRIX CODE	CANISTER SIZE (LITERS)	CANISTER ID	FLOW CONTROLLER ID	INITIAL PRESSURE/ VACUUM (" Hg)	FINAL PRESSURE/ VACUUM (" Hg)	PRESSURE/VACUUM UPON LAB RECEIPT (" Hg)	REQUIRED ANALYSIS: TO-15			REMARKS	SAMPLE TYPE CODE
VFW-SS	12-20-06	1645	VFW-01-SS	AS	6	4340	3052	-30	-8		1				N1
VFW-IA	12-20-06	1650	VFW-01-IA	AI	6	3278	3937	-30	-5		1				N
VFW-VS	12-20-06	1655	VFW-01-VS	AS	6	4243	2578	-30	-6		1				N1
VFW-AA	12-20-06	1705	VFW-01-AA	AA	6	4314	3383	-30	-8		1				N1
Field dup	12-20-06	—	122006-FD2	AQ	6	2678	3931	-30	-8		1				FD2

MATRIX CODES: AA - AMBIENT AIR; AI - INDOOR AIR; AQ - FIELD QC; AS - SUB-SLAB AIR; GS - SOIL GAS

SAMPLE TYPE CODES: N# - NORMAL ENVIRONMENTAL SAMPLE; FD# - FIELD DUPLICATE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	12-20-06	1730			
RELINQUISHED BY (SIGNATURE)	**DATE**	**TIME**	**RECEIVED FOR LAB BY (SIGNATURE)**	**DATE**	**TIME**
				12/21/06	1115

SPECIAL INSTRUCTIONS: Report Each Can Seperately.

Distribution: Original accompanies shipment, copy to project file

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

January 19, 2007

Ms. Ann-Marie Kropovitch
URS Corporation
77 Goddell Street
Buffalo, NY 14203

Re: Laboratory Project No. 26000
Case: 26000; SDG: NY118127; Job: North Franklin Street

Dear Ms. Kropovitch:

Enclosed are the analytical results for the samples that were received by STL Burlington on December 21st, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/21/06 ETR No: 118127		
696160	VFW-01-SS	12/20/06	AIR
696161	VFW-01-IA	12/20/06	AIR
696162	VFW-01-VS	12/20/06	AIR
696163	VFW-01-AA	12/20/06	AIR
696164	122006-FD2	12/20/06	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

Method TO-15 –Routine Level Volatile Organics:
The analysis of the field sample VFW-01-SS was accomplished at a dilution in order to get the response of the analyte with the highest concentration within the initial calibration range. Only the results for the dilution analysis were provided.

Method TO15 – Low Level Volatile Organics:
The analysis of the blank spike sample EA122706LCS and the associated blank spike duplicate sample exhibited recoveries for the target compounds Dichlorodifluoromethane and n-Hexane that exceeded the established control limits. These analytes were detected in the associated field samples VFW-01-IA, VFW-01-AA and 122006-FD2. The analysis of the blank spike duplicate sample yielded a Relative Percent Difference (RPD) for 1,3,5-Trimethylbenzene that marginally exceeded the control limits (25%) at 28%. This compound was detected in the field samples 122006-FD2, VFW-01-AA and VFW-01-IA.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: NY118127

Matrix Spike - Sample No.: EA122706LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	0.10		0.16	160*	70-130
1,2-Dichlorotetrafluoro	0.10		0.14	140*	70-130
Vinyl Chloride	0.10		0.14	140*	70-130
1,3-Butadiene	0.10		0.12	120	70-130
Bromomethane	0.10		0.13	130	70-130
Chloroethane	0.10		0.12	120	70-130
Bromoethene	0.10		0.10	100	70-130
Trichlorofluoromethane	0.10		0.12	120	70-130
1,1-Dichloroethene	0.10		0.089	89	70-130
3-Chloropropene	0.10		0.089	89	70-130
Methyl tert-Butyl Ether	0.10		0.097	97	70-130
trans-1,2-Dichloroethen	0.10		0.10	100	70-130
n-Hexane	0.10		0.14	140*	70-130
1,1-Dichloroethane	0.10		0.12	120	70-130
1,2-Dichloroethene (tot	0.20		0.22	110	70-130
cis-1,2-Dichloroethene	0.10		0.12	120	70-130
Chloroform	0.10		0.095	95	70-130
1,1,1-Trichloroethane	0.10		0.11	110	70-130
Cyclohexane	0.10		0.094	94	70-130
Carbon Tetrachloride	0.10		0.10	100	70-130
2,2,4-Trimethylpentane	0.10		0.098	98	70-130
Benzene	0.10		0.10	100	70-130
1,2-Dichloroethane	0.10		0.10	100	70-130
n-Heptane	0.10		0.10	100	70-130
Trichloroethene	0.10		0.12	120	70-130
1,2-Dichloropropane	0.10		0.097	97	70-130
Bromodichloromethane	0.10		0.089	89	70-130
cis-1,3-Dichloropropene	0.10		0.088	88	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: NY118127

Lab File ID: ECD05PV BFB Injection Date: 12/27/06

Instrument ID: E BFB Injection Time: 0842

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	13.7
75	30.0 - 66.0% of mass 95	43.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 120.0% of mass 95	68.3
175	4.0 - 9.0% of mass 174	4.7 (6.9)1
176	93.0 - 101.0% of mass 174	65.0 (95.3)1
177	5.0 - 9.0% of mass 176	4.2 (6.5)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD100PPT	ASTD100PPT	ECD10CV	12/27/06	0935
02	EA122706LCS	EA122706LCS	ECD10CQ	12/27/06	1024
03	EA122706LCSD	EA122706LCSD	ECD10CQ2	12/27/06	1248
04	MBLK122706EA	MBLK122706EA	ECDB02C	12/27/06	1337
05	VFW-01-IA	696161	696161	12/27/06	1656
06	VFW-01-AA	696163	696163	12/27/06	1743
07	122006-FD2	696164	696164	12/27/06	1831
08					
09					
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21					
22					

STL Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: E.i Injection Date: 27-DEC-2006 09:35
Lab File ID: ecd10cv.d Init. Cal. Date(s): 20-DEC-2006 20-DEC-2006
Analysis Type: AIR Init. Cal. Times: 09:29 14:20
Lab Sample ID: ASTD100ppt Quant Type: ISTD
Method: /chem/E.i/Esvr.p/ecdcto15.b/to15low.m

			MIN		MAX	
COMPOUND	RRF / AMOUNT	RF0.100	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
1 Dichlorodifluoromethane	1.35320	1.56277	0.010	-15.48736	30.00000	Averaged
2 1,2-Dichlorotetrafluoroetha	1.26867	1.61348	0.010	-27.17953	30.00000	Averaged
4 Vinyl Chloride	0.40382	0.50671	0.010	-25.47939	30.00000	Averaged
5 1,3-Butadiene	0.32052	0.30531	0.010	4.74699	30.00000	Averaged
6 Bromomethane	0.67114	0.76156	0.010	-13.47240	30.00000	Averaged
7 Chloroethane	0.35823	0.35346	0.010	1.33334	30.00000	Averaged
8 Bromoethene	0.75402	0.75643	0.010	-0.31966	30.00000	Averaged
9 Trichlorofluoromethane	1.87128	1.83736	0.010	1.81262	30.00000	Averaged
11 1,1-Dichloroethene	0.81362	0.72704	0.010	10.64165	30.00000	Averaged
15 3-Chloropropene	0.82518	0.77062	0.010	6.61188	30.00000	Averaged
18 Methyl tert-Butyl Ether	2.18014	2.03628	0.010	6.59842	30.00000	Averaged
19 trans-1,2-Dichloroethene	1.00897	1.01257	0.010	-0.35671	30.00000	Averaged
20 n-Hexane	1.42692	1.51001	0.010	-5.82288	30.00000	Averaged
21 1,1-Dichloroethane	1.27303	1.29972	0.100	-2.09618	30.00000	Averaged
M 22 1,2-Dichloroethene (total)	0.94888	0.93148	0.010	1.83378	30.00000	Averaged
24 cis-1,2-Dichloroethene	0.88878	0.85039	0.010	4.32046	30.00000	Averaged
26 Chloroform	1.58454	1.45660	0.010	8.07447	30.00000	Averaged
28 1,1,1-Trichloroethane	0.30519	0.30052	0.010	1.53176	30.00000	Averaged
29 Cyclohexane	0.22924	0.21601	0.010	5.77143	30.00000	Averaged
30 Carbon Tetrachloride	0.28539	0.27525	0.010	3.55334	30.00000	Averaged
31 2,2,4-Trimethylpentane	0.71152	0.70608	0.010	0.76409	30.00000	Averaged
32 Benzene	0.48279	0.50636	0.010	-4.88105	30.00000	Averaged
33 1,2-Dichloroethane	0.17043	0.16809	0.010	1.37366	30.00000	Averaged
34 n-Heptane	0.24163	0.26921	0.010	-11.41159	30.00000	Averaged
36 Trichloroethene	0.20561	0.20394	0.010	0.81355	30.00000	Averaged
38 1,2-Dichloropropane	0.16804	0.16317	0.010	2.89429	30.00000	Averaged
40 Bromodichloromethane	0.31442	0.29149	0.010	7.29399	30.00000	Averaged
41 cis-1,3-Dichloropropene	0.25654	0.22718	0.010	11.44315	30.00000	Averaged
43 Toluene	0.40071	0.47889	0.010	-19.50823	30.00000	Averaged
44 trans-1,3-Dichloropropene	0.24722	0.21491	0.010	13.06912	30.00000	Averaged
45 1,1,2-Trichloroethane	0.17260	0.16285	0.010	5.65141	30.00000	Averaged
46 Tetrachloroethene	0.23825	0.21698	0.010	8.92697	30.00000	Averaged
48 Dibromochloromethane	0.30524	0.26531	0.010	13.08232	30.00000	Averaged
49 1,2-Dibromoethane	0.29273	0.26875	0.010	8.19170	30.00000	Averaged
52 Ethylbenzene	0.77327	0.79911	0.010	-3.34168	30.00000	Averaged
53 Xylene (m,p)	0.30938	0.29399	0.010	4.97420	30.00000	Averaged