RICHMOND, VT 05477
802.434.4500
FAX: 802.434.6076
WWW.ECSCONSULT.COM

17 May 2005
File No. VT960093

Mr. Gary Thurston
Rice Oil Company, Inc.
P.O. Box 1497
34 Montaque City Road
Greenfield, Massachusetts 01301

Re: Londonderry Citgo
Londonderry, Vermont

Dear Mr. Thurston:

Enclosed are the annual sampling results for water samples collected by Environmental Compliance Services, Inc. (ECS) on 29 March 2005 from 9 supply wells located within 1,000 feet of the Londonderry Citgo Gasoline Station in Londonderry, Vermont, as shown on Figure 1 in red. Groundwater sample results for the monitoring wells sampled semi-annually in March 2005 as well as the Main Supply Well, and Thorne-Thompsen well sampling results will be reported and submitted under separate cover. Owners of the supply wells that were sampled will be sent a copy of their analytical results.

RESULTS

Volatile petroleum compounds (VOCs) were detected in one of the 9 supply wells of sampled. Methyl tert butyl ether (MTBE) was detected at 6.5 micrograms per liter (µg/L) in the Rogers' supply well which is below the Vermont Health Advisory[1] (VHA) of 40 µg/L. The Roger's supply well has been sampled on a quarterly basis since a significant MTBE concentration of 22.1 µg/L was detected during the 2004 March annual sampling event. Concentrations of MTBE have not exceeded the VHA since the quarterly monitoring has commenced, and a decreasing concentration trend is evident. No other petroleum related VOCs were detected. Analytical results are attached and also summarized in Table 1.

Prior to all sample collections, the water was allowed to run for approximately 15 minutes to purge water from the wells and pressure tanks and facilitate communication with the bedrock aquifer. The supply well samples were transported under chain of custody in an ice-filled cooler to Spectrum Analytical, Inc. of Agawam, Massachusetts where they were analyzed for the possible presence of volatile petroleum compounds by EPA Method 8021b. No VOCs were detected in the trip blank.

[1] Vermont Health Advisory (VHA): Established by the Vermont Department of Health (10/2000); guidelines for risk-based assessment for chemicals that do not have federal standards.

Please contact me if you have any questions regarding the enclosed analytical results.

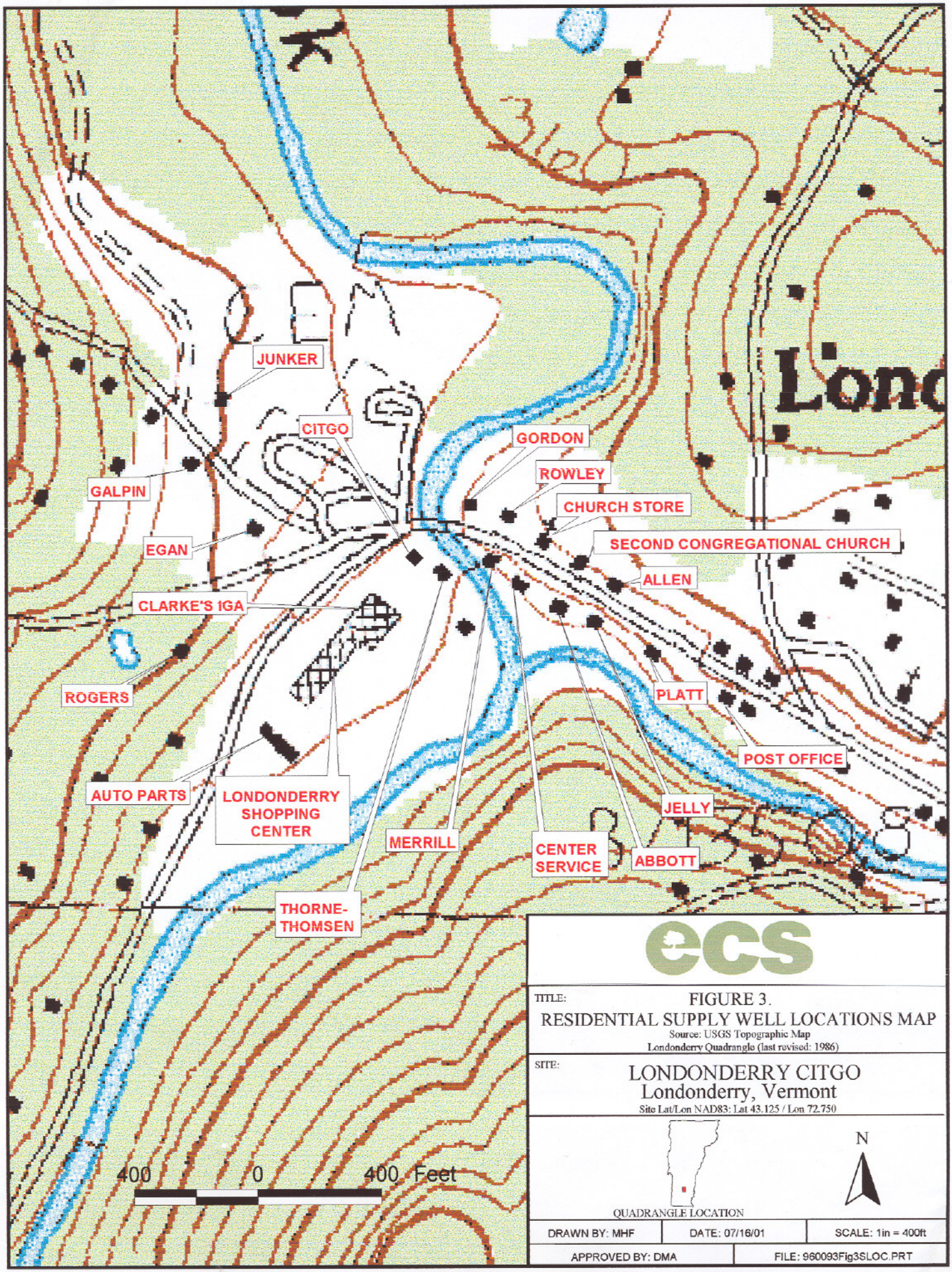
Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Jaymi Cleland
Project Geologist

Enclosures

Cc: Mr. Tim Cropley, VT DEC
Mr. Robert Waite, Londonderry Ventures

ENCLOSURES



ecs

TITLE: FIGURE 3.
RESIDENTIAL SUPPLY WELL LOCATIONS MAP
Source: USGS Topographic Map
Londonderry Quadrangle (last revised: 1986)

SITE: LONDONDERRY CITGO
Londonderry, Vermont
Site Lat/Lon NAD83: Lat 43.125 / Lon 72.750

DRAWN BY: MHF	DATE: 07/16/01	SCALE: 1in = 400ft
APPROVED BY: DMA		FILE: 960093Fig3SLOC.PRT

TABLE 1
Drinking-Water Analytical Results
Londonderry Citgo
Londonderry Center, Vermont
Monitoring Date:
29 March 2005

Supply Well	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	Total BTEX	1,3,5 -TMB	1,3,5 -TMB	Naphthalene	Tert-amyl-Methyl-Ether
Shopping Center Main										
- system influent	**61.7**	ND <1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
- system mid	**51.0**	ND <1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
- system effluent	**50.6**	ND <1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Thorne-Thomsen - system influent	**50.1**	ND <0.5	ND <0.5	ND <0.5	ND <0.5	**ND**	ND <0.5	ND <0.5	ND <0.5	**3.0**
- system mid	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	**ND**	ND <0.5	ND <0.5	ND <0.5	ND<0.5
- system effluent	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	**ND**	ND <0.5	ND <0.5	ND <0.5	ND<0.5
Rogers	**6.5**	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Center Service (SUNOCO)	NS	NS	NS	NS	NS	**NS**	NS	NS	NS	NS
Merrill	NS	NS	NS	NS	NS	**NS**	NS	NS	NS	NS
Jelly's (Mobil)	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Second Congregational Church	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Kroos House	NS	NS	NS	NS	NS	**NS**	NS	NS	NS	NS
Church Store	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Breznick	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Rowley	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Junker	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Galpin	NS	NS	NS	NS	NS	**NS**	ND <1	ND <1	ND <1	NA
*P.O. Building	NS	NS	NS	NS	NS	**NS**	NS	NS	NS	NS
Allen	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Garden Restaurant (Platt)	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
Abbott	NS	NS	NS	NS	NS	**NS**	NS	NS	NS	NS
Gordon	ND <1	ND < 1	ND <1	ND <1	ND <2	**ND**	ND <1	ND <1	ND <1	NA
MCL	---	5	1,000	700	10,000	---	---	---	---	---
VHA	40	---	---	---	---	---	5	4	20	---
VAL	---	1	---	---	---	---	---	---	---	---

Notes:

Results given in parts per billion (ppb).

Thorne-Thomsen infl.,mid, eff. were analyzed by EPA Method 524.2. All other samples were analyzed by EPA Method 8021B

NA - Not analyzed for this parameter.

NS - Not sampled this event.

ND - None detected at indicated detection limit.

All samples collected by ECS and analyzed by Spectrum Analytical, Inc.

MCL - Enforceable U.S. EPA Maximum Contaminant Levels for chemicals of concern in drinking water.

VHA - Vermont Health Advisories - guidelines for concentrations of chemicals in drinking water that do not have MCLs.

VAL - Vermont Action Levels for eight chemicals of specific health concern in public water systems, established by the Vermont Dept. of Health.

* - Building unoccupied.

Report Date:
13-Apr-05 11:41

☐ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Compliance Services
65 Millet Street; Suite 301
Richmond, VT 05477
Attn: Jaymi Cleland

Project: Londonderry Citgo - Londonderry, VT
Project #: VT96-0093

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA25951-01	2nd Cong. Church	Ground Water	29-Mar-05 11:20	31-Mar-05 10:40
SA25951-02	Church Store	Ground Water	29-Mar-05 11:25	31-Mar-05 10:40
SA25951-03	Allen	Ground Water	29-Mar-05 11:40	31-Mar-05 10:40
SA25951-04	Rowley	Ground Water	29-Mar-05 11:55	31-Mar-05 10:40
SA25951-05	Gordon	Ground Water	29-Mar-05 12:10	31-Mar-05 10:40
SA25951-06	Breznick (Egan)	Ground Water	29-Mar-05 12:20	31-Mar-05 10:40
SA25951-07	Rogers	Ground Water	29-Mar-05 12:35	31-Mar-05 10:40
SA25951-08	Jelley Mobil	Ground Water	29-Mar-05 13:00	31-Mar-05 10:40
SA25951-09	Main Supply Eff.	Ground Water	29-Mar-05 13:40	31-Mar-05 10:40
SA25951-10	Main Supply Mid	Ground Water	29-Mar-05 13:45	31-Mar-05 10:40
SA25951-11	Main Supply Inf	Ground Water	29-Mar-05 13:50	31-Mar-05 10:40
SA25951-12	Thorne Thomsen Eff	Ground Water	29-Mar-05 14:15	31-Mar-05 10:40
SA25951-13	Thorne Thomsen Mid	Ground Water	29-Mar-05 14:20	31-Mar-05 10:40
SA25951-14	Thorne Thomsen Inf	Ground Water	29-Mar-05 14:25	31-Mar-05 10:40
SA25951-15	MW-7	Ground Water	29-Mar-05 15:15	31-Mar-05 10:40
SA25951-16	MW-3	Ground Water	29-Mar-05 15:20	31-Mar-05 10:40
SA25951-17	MW-S3	Ground Water	29-Mar-05 15:25	31-Mar-05 10:40
SA25951-18	MW-S2	Ground Water	29-Mar-05 15:30	31-Mar-05 10:40
SA25951-19	MW-8	Ground Water	29-Mar-05 15:35	31-Mar-05 10:40
SA25951-20	Duplicate	Ground Water	29-Mar-05 15:40	31-Mar-05 10:40
SA25951-21	SP-1	Ground Water	29-Mar-05 15:45	31-Mar-05 10:40
SA25951-22	SP-2	Ground Water	29-Mar-05 15:50	31-Mar-05 10:40
SA25951-23	SP-3	Ground Water	29-Mar-05 15:55	31-Mar-05 10:40
SA25951-24	Trip	Ground Water	29-Mar-05 08:30	31-Mar-05 10:40
SA25951-25	Junker	Ground Water	29-Mar-05 16:30	31-Mar-05 10:40
SA25951-26	Garden Restaurant	Ground Water	29-Mar-05 16:40	31-Mar-05 10:40

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 42 pages of analytical data including Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
2nd Cong. Church SA25951-01	VT96-0093	Ground Water	29-Mar-05 11:20	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.7*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Church Store SA25951-02	VT96-0093	Ground Water	29-Mar-05 11:25	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method Volatiles							
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*111*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Allen SA25951-03	VT96-0093	Ground Water	29-Mar-05 11:40	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*95.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.0*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*105*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Rowley SA25951-04	VT96-0093	Ground Water	29-Mar-05 11:55	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*95.0*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*97.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*109*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Gordon SA25951-05	VT96-0093	Ground Water	29-Mar-05 12:10	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.7*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*107*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Breznick (Egan) SA25951-06	VT96-0093	Ground Water	29-Mar-05 12:20	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*96.7*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Rogers SA25951-07	VT96-0093	Ground Water	29-Mar-05 12:35	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	6.5	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*99.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*121*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Jelley Mobil SA25951-08	VT96-0093	Ground Water	29-Mar-05 13:00	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*100*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*104*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Supply Eff. SA25951-09	VT96-0093	Ground Water	29-Mar-05 13:40	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	50.6	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*100*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*106*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Supply Mid SA25951-10	VT96-0093	Ground Water	29-Mar-05 13:45	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	51.0	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*94.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.0*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97.7*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Supply Inf	VT96-0093	Ground Water	29-Mar-05 13:50	31-Mar-05
SA25951-11				

CAS No.	*Analyte(s)*	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	61.7	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*98.0*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*119*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*111*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Eff SA25951-12	VT96-0093	Ground Water	29-Mar-05 14:15	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
67-64-1	Acetone	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
107-13-1	Acrylonitrile	BRL	1.0 µg/l	1	"	"	"	"	"	
71-43-2	Benzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-86-1	Bromobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-25-2	Bromoform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-83-9	Bromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
78-93-3	2-Butanone (MEK)	BRL	10.0 µg/l	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-15-0	Carbon disulfide	BRL	0.5 µg/l	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL	0.5 µg/l	1	"	"	"	"	"	
108-90-7	Chlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-00-3	Chloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
67-66-3	Chloroform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-87-3	Chloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane (EDB)	BRL	0.5 µg/l	1	"	"	"	"	"	
74-95-3	Dibromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane (Freon12)	BRL	0.5 µg/l	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-41-4	Ethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	BRL	0.5 µg/l	1	"	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL	10.0 µg/l	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Eff SA25951-12	VT96-0093	Ground Water	29-Mar-05 14:15	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
75-09-2	Methylene chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	0.5 µg/l	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-42-5	Styrene	BRL	0.5 µg/l	1	"	"	"	"	"	
630-20-6	1,1,1,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-01-6	Trichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane (Freon 11)	BRL	0.5 µg/l	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-01-4	Vinyl chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL	10.0 µg/l	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL	10.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*85.8*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.8*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94.8*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Mid	VT96-0093	Ground Water	29-Mar-05 14:20	31-Mar-05
SA25951-13				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
67-64-1	Acetone	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
107-13-1	Acrylonitrile	BRL	1.0 µg/l	1	"	"	"	"	"	
71-43-2	Benzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-86-1	Bromobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-25-2	Bromoform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-83-9	Bromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
78-93-3	2-Butanone (MEK)	BRL	10.0 µg/l	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-15-0	Carbon disulfide	BRL	0.5 µg/l	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL	0.5 µg/l	1	"	"	"	"	"	
108-90-7	Chlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-00-3	Chloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
67-66-3	Chloroform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-87-3	Chloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane (EDB)	BRL	0.5 µg/l	1	"	"	"	"	"	
74-95-3	Dibromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane (Freon12)	BRL	0.5 µg/l	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-41-4	Ethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	BRL	0.5 µg/l	1	"	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL	10.0 µg/l	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Mid	VT96-0093	Ground Water	29-Mar-05 14:20	31-Mar-05
SA25951-13				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
75-09-2	Methylene chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	0.5 µg/l	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-42-5	Styrene	BRL	0.5 µg/l	1	"	"	"	"	"	
630-20-6	1,1,1,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-01-6	Trichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane (Freon 11)	BRL	0.5 µg/l	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-01-4	Vinyl chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL	10.0 µg/l	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL	10.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*85.4*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*97.8*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*96.4*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Inf	VT96-0093	Ground Water	29-Mar-05 14:25	31-Mar-05
SA25951-14				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
67-64-1	Acetone	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
107-13-1	Acrylonitrile	BRL	1.0 µg/l	1	"	"	"	"	"	
71-43-2	Benzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-86-1	Bromobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-25-2	Bromoform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-83-9	Bromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
78-93-3	2-Butanone (MEK)	BRL	10.0 µg/l	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-15-0	Carbon disulfide	BRL	0.5 µg/l	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL	0.5 µg/l	1	"	"	"	"	"	
108-90-7	Chlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-00-3	Chloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
67-66-3	Chloroform	BRL	0.5 µg/l	1	"	"	"	"	"	
74-87-3	Chloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	BRL	0.5 µg/l	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane (EDB)	BRL	0.5 µg/l	1	"	"	"	"	"	
74-95-3	Dibromomethane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane (Freon12)	BRL	0.5 µg/l	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-41-4	Ethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	BRL	0.5 µg/l	1	"	"	"	"	"	
591-78-6	2-Hexanone (MBK)	BRL	10.0 µg/l	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
99-87-6	4-Isopropyltoluene	BRL	0.5 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	50.1	0.5 µg/l	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne Thomsen Inf	VT96-0093	Ground Water	29-Mar-05 14:25	31-Mar-05
SA25951-14				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
524.2 Purgeable Organic Compounds			Prepared by method	Volatiles						
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL	10.0 µg/l	1	EPA 524.2	05-Apr-05	05-Apr-05	5040117	RLJ	
75-09-2	Methylene chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	0.5 µg/l	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
100-42-5	Styrene	BRL	0.5 µg/l	1	"	"	"	"	"	
630-20-6	1,1,1,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	0.5 µg/l	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	BRL	0.5 µg/l	1	"	"	"	"	"	
79-01-6	Trichloroethene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane (Freon 11)	BRL	0.5 µg/l	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	BRL	0.5 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	0.5 µg/l	1	"	"	"	"	"	
75-01-4	Vinyl chloride	BRL	0.5 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	0.5 µg/l	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL	10.0 µg/l	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	3.0	0.5 µg/l	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL	0.5 µg/l	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL	10.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*86.4*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.8*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*96.4*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-7 SA25951-15	VT96-0093	Ground Water	29-Mar-05 15:15	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	06-Apr-05	07-Apr-05	5040287	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	16.3	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*96.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*95.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA25951-16	VT96-0093	Ground Water	29-Mar-05 15:20	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*100*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.0*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99.7*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*99.7*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-S3 SA25951-17	VT96-0093	Ground Water	29-Mar-05 15:25	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	3.1	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*93.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-S2 SA25951-18	VT96-0093	Ground Water	29-Mar-05 15:30	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	49.9	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*95.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.0*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-8 SA25951-19	VT96-0093	Ground Water	29-Mar-05 15:35	31-Mar-05

CAS No.	*Analyte(s)*	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	40.0	5.0 µg/l	5	SW846 8260B	08-Apr-05	08-Apr-05	5040402	RLJ	
100-41-4	Ethylbenzene	35.6	5.0 µg/l	5	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	213	5.0 µg/l	5	"	"	"	"	"	
91-20-3	Naphthalene	29.0	5.0 µg/l	5	"	"	"	"	"	
108-88-3	Toluene	BRL	5.0 µg/l	5	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	299	5.0 µg/l	5	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	87.4	5.0 µg/l	5	"	"	"	"	"	
1330-20-7	m,p-Xylene	86.9	10.0 µg/l	5	"	"	"	"	"	
95-47-6	o-Xylene	9.2	5.0 µg/l	5	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*101*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94.7*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*84.7*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA25951-20	VT96-0093	Ground Water	29-Mar-05 15:40	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	54.7	5.0 µg/l	5	SW846 8260B	08-Apr-05	08-Apr-05	5040402	RLJ	
100-41-4	Ethylbenzene	39.8	5.0 µg/l	5	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	225	5.0 µg/l	5	"	"	"	"	"	
91-20-3	Naphthalene	30.6	5.0 µg/l	5	"	"	"	"	"	
108-88-3	Toluene	5.4	5.0 µg/l	5	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	323	5.0 µg/l	5	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	94.6	5.0 µg/l	5	"	"	"	"	"	
1330-20-7	m,p-Xylene	98.1	10.0 µg/l	5	"	"	"	"	"	
95-47-6	o-Xylene	10.4	5.0 µg/l	5	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99.0*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94.0*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*86.7*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SP-1	VT96-0093	Ground Water	29-Mar-05 15:45	31-Mar-05
SA25951-21				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	12.0	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*101*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SP-2	VT96-0093	Ground Water	29-Mar-05 15:50	31-Mar-05
SA25951-22				

CAS No.	*Analyte(s)*	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	7.8	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	53.8	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	45.6	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	8.5	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	2.2	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	89.0	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	12.0	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	29.0	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	5.2	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*101*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*95.3*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SP-3 SA25951-23	VT96-0093	Ground Water	29-Mar-05 15:55	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method Volatiles							
71-43-2	Benzene	5.0	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	26.5	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*101*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*101*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip	VT96-0093	Ground Water	29-Mar-05 08:30	31-Mar-05
SA25951-24				

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	07-Apr-05	07-Apr-05	5040341	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*110*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*108*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Junker SA25951-25	VT96-0093	Ground Water	29-Mar-05 16:30	31-Mar-05

CAS No.	Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst	Flag
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	08-Apr-05	08-Apr-05	5040402	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.3*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96.3*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*94.0*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*83.0*	*70-130 %*		"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Garden Restaurant	VT96-0093	Ground Water	29-Mar-05 16:40	31-Mar-05
SA25951-26				

CAS No.	*Analyte(s)*	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds										
Volatile Organic Compounds by 8260B			Prepared by method	Volatiles						
71-43-2	Benzene	BRL	1.0 µg/l	1	SW846 8260B	08-Apr-05	08-Apr-05	5040402	RLJ	
100-41-4	Ethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL	1.0 µg/l	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-88-3	Toluene	BRL	1.0 µg/l	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	BRL	1.0 µg/l	1	"	"	"	"	"	
1330-20-7	m,p-Xylene	BRL	2.0 µg/l	1	"	"	"	"	"	
95-47-6	o-Xylene	BRL	1.0 µg/l	1	"	"	"	"	"	
Surrogate recoveries:										
460-00-4	*4-Bromofluorobenzene*	*97.7*	*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*94.7*	*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*97.3*	*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*87.3*	*70-130 %*		"	"	"	"	"	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040117 - Volatiles										
Blank (5040117-BLK1)				Prepared & Analyzed: 05-Apr-05						
Acetone	BRL	10.0	µg/l							
Acrylonitrile	BRL	1.0	µg/l							
Benzene	BRL	0.5	µg/l							
Bromobenzene	BRL	0.5	µg/l							
Bromochloromethane	BRL	0.5	µg/l							
Bromodichloromethane	BRL	0.5	µg/l							
Bromoform	BRL	0.5	µg/l							
Bromomethane	BRL	0.5	µg/l							
2-Butanone (MEK)	BRL	10.0	µg/l							
n-Butylbenzene	BRL	0.5	µg/l							
sec-Butylbenzene	BRL	0.5	µg/l							
tert-Butylbenzene	BRL	0.5	µg/l							
Carbon disulfide	BRL	0.5	µg/l							
Carbon tetrachloride	BRL	0.5	µg/l							
Chlorobenzene	BRL	0.5	µg/l							
Chloroethane	BRL	0.5	µg/l							
Chloroform	BRL	0.5	µg/l							
Chloromethane	BRL	0.5	µg/l							
2-Chlorotoluene	BRL	0.5	µg/l							
4-Chlorotoluene	BRL	0.5	µg/l							
1,2-Dibromo-3-chloropropane	BRL	0.5	µg/l							
Dibromochloromethane	BRL	0.5	µg/l							
1,2-Dibromoethane (EDB)	BRL	0.5	µg/l							
Dibromomethane	BRL	0.5	µg/l							
1,2-Dichlorobenzene	BRL	0.5	µg/l							
1,3-Dichlorobenzene	BRL	0.5	µg/l							
1,4-Dichlorobenzene	BRL	0.5	µg/l							
Dichlorodifluoromethane (Freon12)	BRL	0.5	µg/l							
1,1-Dichloroethane	BRL	0.5	µg/l							
1,2-Dichloroethane	BRL	0.5	µg/l							
1,1-Dichloroethene	BRL	0.5	µg/l							
cis-1,2-Dichloroethene	BRL	0.5	µg/l							
trans-1,2-Dichloroethene	BRL	0.5	µg/l							
1,2-Dichloropropane	BRL	0.5	µg/l							
1,3-Dichloropropane	BRL	0.5	µg/l							
2,2-Dichloropropane	BRL	0.5	µg/l							
1,1-Dichloropropene	BRL	0.5	µg/l							
cis-1,3-Dichloropropene	BRL	0.5	µg/l							
trans-1,3-Dichloropropene	BRL	0.5	µg/l							
Ethylbenzene	BRL	0.5	µg/l							
Hexachlorobutadiene	BRL	0.5	µg/l							
2-Hexanone (MBK)	BRL	10.0	µg/l							
Isopropylbenzene	BRL	0.5	µg/l							
4-Isopropyltoluene	BRL	0.5	µg/l							
Methyl tert-butyl ether	BRL	0.5	µg/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	µg/l							
Methylene chloride	0.7	0.5	µg/l							VOC3
Naphthalene	BRL	0.5	µg/l							
n-Propylbenzene	BRL	0.5	µg/l							
Styrene	BRL	0.5	µg/l							
1,1,1,2-Tetrachloroethane	BRL	0.5	µg/l							
1,1,2,2-Tetrachloroethane	BRL	0.5	µg/l							
Tetrachloroethene	BRL	0.5	µg/l							
Toluene	BRL	0.5	µg/l							

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040117 - Volatiles										
Blank (5040117-BLK1)				Prepared & Analyzed: 05-Apr-05						
1,2,3-Trichlorobenzene	BRL	0.5	µg/l							
1,2,4-Trichlorobenzene	BRL	0.5	µg/l							
1,1,1-Trichloroethane	BRL	0.5	µg/l							
1,1,2-Trichloroethane	BRL	0.5	µg/l							
Trichloroethene	BRL	0.5	µg/l							
Trichlorofluoromethane (Freon 11)	BRL	0.5	µg/l							
1,2,3-Trichloropropane	BRL	0.5	µg/l							
1,2,4-Trimethylbenzene	BRL	0.5	µg/l							
1,3,5-Trimethylbenzene	BRL	0.5	µg/l							
Vinyl chloride	BRL	0.5	µg/l							
m,p-Xylene	BRL	0.5	µg/l							
o-Xylene	BRL	0.5	µg/l							
Tetrahydrofuran	BRL	10.0	µg/l							
Tert-amyl methyl ether	BRL	0.5	µg/l							
Ethyl tert-butyl ether	BRL	0.5	µg/l							
Di-isopropyl ether	BRL	0.5	µg/l							
Tert-Butanol / butyl alcohol	BRL	10.0	µg/l							
Surrogate: 4-Bromofluorobenzene	*43.0*		µg/l	*50.0*		*86.0*	*70-130*			
Surrogate: Toluene-d8	*48.7*		µg/l	*50.0*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*48.7*		µg/l	*50.0*		*97.4*	*70-130*			
Surrogate: Dibromofluoromethane	*51.4*		µg/l	*50.0*		*103*	*70-130*			
LCS Dup (5040117-BSD1)				Prepared & Analyzed: 05-Apr-05						
Acetone	10.3		µg/l	20.0		51.5	70-130	5.66	30	QC-1
Acrylonitrile	19.3		µg/l	20.0		96.5	70-130	4.56	30	
Benzene	20.4		µg/l	20.0		102	80-120	7.55	20	
Bromobenzene	21.6		µg/l	20.0		108	80-120	5.41	20	
Bromochloromethane	21.4		µg/l	20.0		107	80-120	3.67	20	
Bromodichloromethane	20.3		µg/l	20.0		102	80-120	5.71	20	
Bromoform	21.6		µg/l	20.0		108	80-120	3.64	20	
Bromomethane	20.2		µg/l	20.0		101	80-120	10.3	20	
2-Butanone (MEK)	9.3		µg/l	20.0		46.5	70-130	0.00	30	QC-1
n-Butylbenzene	19.9		µg/l	20.0		99.5	80-120	13.6	20	
sec-Butylbenzene	21.8		µg/l	20.0		109	80-120	12.9	20	
tert-Butylbenzene	21.3		µg/l	20.0		106	80-120	10.7	20	
Carbon disulfide	18.4		µg/l	20.0		92.0	70-130	12.2	30	
Carbon tetrachloride	19.3		µg/l	20.0		96.5	80-120	13.1	20	
Chlorobenzene	20.2		µg/l	20.0		101	80-120	8.53	20	
Chloroethane	19.7		µg/l	20.0		98.5	80-120	11.9	20	
Chloroform	20.8		µg/l	20.0		104	80-120	6.51	20	
Chloromethane	18.2		µg/l	20.0		91.0	80-120	9.42	20	
2-Chlorotoluene	20.3		µg/l	20.0		102	80-120	9.35	20	
4-Chlorotoluene	20.4		µg/l	20.0		102	80-120	9.35	20	
1,2-Dibromo-3-chloropropane	18.3		µg/l	20.0		91.5	80-120	3.23	20	
Dibromochloromethane	20.1		µg/l	20.0		100	80-120	4.88	20	
1,2-Dibromoethane (EDB)	19.4		µg/l	20.0		97.0	80-120	3.05	20	
Dibromomethane	19.7		µg/l	20.0		98.5	80-120	3.49	20	
1,2-Dichlorobenzene	21.0		µg/l	20.0		105	80-120	8.22	20	
1,3-Dichlorobenzene	22.0		µg/l	20.0		110	80-120	7.86	20	
1,4-Dichlorobenzene	20.0		µg/l	20.0		100	80-120	8.61	20	
Dichlorodifluoromethane (Freon12)	17.9		µg/l	20.0		89.5	80-120	13.1	20	
1,1-Dichloroethane	19.9		µg/l	20.0		99.5	80-120	6.33	20	
1,2-Dichloroethane	18.6		µg/l	20.0		93.0	80-120	3.69	20	
1,1-Dichloroethene	19.0		µg/l	20.0		95.0	80-120	14.6	20	
cis-1,2-Dichloroethene	20.6		µg/l	20.0		103	80-120	7.48	20	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040117 - Volatiles										
LCS Dup (5040117-BSD1)				Prepared & Analyzed: 05-Apr-05						
trans-1,2-Dichloroethene	20.2		µg/l	20.0		101	80-120	9.43	20	
1,2-Dichloropropane	19.6		µg/l	20.0		98.0	80-120	4.00	20	
1,3-Dichloropropane	19.0		µg/l	20.0		95.0	80-120	4.63	20	
2,2-Dichloropropane	23.1		µg/l	20.0		116	80-120	10.6	20	
1,1-Dichloropropene	18.5		µg/l	20.0		92.5	80-120	10.7	20	
cis-1,3-Dichloropropene	20.4		µg/l	20.0		102	80-120	4.78	20	
trans-1,3-Dichloropropene	21.1		µg/l	20.0		106	80-120	3.70	20	
Ethylbenzene	20.2		µg/l	20.0		101	80-120	8.53	20	
Hexachlorobutadiene	20.2		µg/l	20.0		101	80-120	13.8	20	
2-Hexanone (MBK)	10.4		µg/l	20.0		52.0	70-130	3.77	30	QC-1
Isopropylbenzene	20.4		µg/l	20.0		102	80-120	10.2	20	
4-Isopropyltoluene	20.8		µg/l	20.0		104	80-120	10.9	20	
Methyl tert-butyl ether	23.5		µg/l	20.0		118	80-120	3.33	20	
4-Methyl-2-pentanone (MIBK)	15.4		µg/l	20.0		77.0	70-130	3.82	30	
Methylene chloride	21.3		µg/l	20.0		106	80-120	5.50	20	
Naphthalene	20.0		µg/l	20.0		100	80-120	6.76	20	
n-Propylbenzene	21.0		µg/l	20.0		105	80-120	10.8	20	
Styrene	21.5		µg/l	20.0		108	80-120	5.41	20	
1,1,1,2-Tetrachloroethane	20.8		µg/l	20.0		104	80-120	7.41	20	
1,1,2,2-Tetrachloroethane	20.8		µg/l	20.0		104	80-120	1.90	20	
Tetrachloroethene	18.6		µg/l	20.0		93.0	80-120	11.2	20	
Toluene	18.9		µg/l	20.0		94.5	80-120	9.57	20	
1,2,3-Trichlorobenzene	19.5		µg/l	20.0		97.5	80-120	8.35	20	
1,2,4-Trichlorobenzene	17.9		µg/l	20.0		89.5	80-120	11.1	20	
1,1,1-Trichloroethane	19.4		µg/l	20.0		97.0	80-120	10.7	20	
1,1,2-Trichloroethane	19.4		µg/l	20.0		97.0	80-120	3.05	20	
Trichloroethene	18.5		µg/l	20.0		92.5	80-120	12.7	20	
Trichlorofluoromethane (Freon 11)	18.5		µg/l	20.0		92.5	80-120	13.6	20	
1,2,3-Trichloropropane	18.6		µg/l	20.0		93.0	80-120	2.13	20	
1,2,4-Trimethylbenzene	21.6		µg/l	20.0		108	80-120	8.85	20	
1,3,5-Trimethylbenzene	21.1		µg/l	20.0		106	80-120	8.14	20	
Vinyl chloride	18.6		µg/l	20.0		93.0	80-120	11.2	20	
m,p-Xylene	42.2		µg/l	40.0		106	80-120	8.14	20	
o-Xylene	21.5		µg/l	20.0		108	80-120	8.00	20	
Tetrahydrofuran	17.1		µg/l	20.0		85.5	70-130	6.78	30	
Tert-amyl methyl ether	14.7		µg/l	20.0		73.5	70-130	3.34	30	
Ethyl tert-butyl ether	20.3		µg/l	20.0		102	70-130	1.94	30	
Di-isopropyl ether	19.6		µg/l	20.0		98.0	70-130	4.00	30	
Tert-Butanol / butyl alcohol	202		µg/l	200		101	70-130	3.88	30	
Surrogate: 4-Bromofluorobenzene	*46.3*		µg/l	*50.0*		*92.6*	*70-130*			
Surrogate: Toluene-d8	*48.2*		µg/l	*50.0*		*96.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*46.1*		µg/l	*50.0*		*92.2*	*70-130*			
Surrogate: Dibromofluoromethane	*50.3*		µg/l	*50.0*		*101*	*70-130*			
Matrix Spike (5040117-MS1)		**Source: SA25949-07**		Prepared & Analyzed: 05-Apr-05						
Benzene	18.6		µg/l	20.0	BRL	93.0	80-120			
Chlorobenzene	20.1		µg/l	20.0	BRL	100	80-120			
1,1-Dichloroethene	19.6		µg/l	20.0	BRL	98.0	80-120			
Toluene	18.8		µg/l	20.0	BRL	94.0	80-120			
Trichloroethene	19.5		µg/l	20.0	BRL	97.5	80-120			
Surrogate: 4-Bromofluorobenzene	*43.3*		µg/l	*50.0*		*86.6*	*70-130*			
Surrogate: Toluene-d8	*47.7*		µg/l	*50.0*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*46.1*		µg/l	*50.0*		*92.2*	*70-130*			
Surrogate: Dibromofluoromethane	*50.0*		µg/l	*50.0*		*100*	*70-130*			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040117 - Volatiles										
Matrix Spike Dup (5040117-MSD1)		**Source: SA25949-07**		Prepared & Analyzed: 05-Apr-05						
Benzene	18.6		µg/l	20.0	BRL	93.0	80-120	0.00	20	
Chlorobenzene	19.9		µg/l	20.0	BRL	99.5	80-120	0.501	20	
1,1-Dichloroethene	19.7		µg/l	20.0	BRL	98.5	80-120	0.509	20	
Toluene	18.7		µg/l	20.0	BRL	93.5	80-120	0.533	20	
Trichloroethene	19.1		µg/l	20.0	BRL	95.5	80-120	2.07	20	
Surrogate: 4-Bromofluorobenzene	*43.6*		µg/l	*50.0*		*87.2*	*70-130*			
Surrogate: Toluene-d8	*47.8*		µg/l	*50.0*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*46.9*		µg/l	*50.0*		*93.8*	*70-130*			
Surrogate: Dibromofluoromethane	*50.2*		µg/l	*50.0*		*100*	*70-130*			
Batch 5040287 - Volatiles										
Blank (5040287-BLK1)				Prepared: 06-Apr-05 Analyzed: 07-Apr-05						
Benzene	BRL	1.0	µg/l							
Ethylbenzene	BRL	1.0	µg/l							
Methyl tert-butyl ether	BRL	1.0	µg/l							
Naphthalene	BRL	1.0	µg/l							
Toluene	BRL	1.0	µg/l							
1,2,4-Trimethylbenzene	BRL	1.0	µg/l							
1,3,5-Trimethylbenzene	BRL	1.0	µg/l							
m,p-Xylene	BRL	2.0	µg/l							
o-Xylene	BRL	1.0	µg/l							
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l	*30.0*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*29.6*		µg/l	*30.0*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.0*		µg/l	*30.0*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*30.2*		µg/l	*30.0*		*101*	*70-130*			
LCS (5040287-BS1)				Prepared: 06-Apr-05 Analyzed: 07-Apr-05						
Benzene	21.8	1.0	µg/l				70-130			
Ethylbenzene	22.9	1.0	µg/l				70-130			
Methyl tert-butyl ether	22.8	1.0	µg/l				70-130			
Naphthalene	21.2	1.0	µg/l				70-130			
Toluene	20.6	1.0	µg/l				70-130			
1,2,4-Trimethylbenzene	24.1	1.0	µg/l				70-130			
1,3,5-Trimethylbenzene	21.4	1.0	µg/l				70-130			
m,p-Xylene	47.6	2.0	µg/l				70-130			
o-Xylene	24.8	1.0	µg/l				70-130			
Surrogate: 4-Bromofluorobenzene	*31.0*		µg/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*27.9*		µg/l	*30.0*		*93.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*31.3*		µg/l	*30.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*31.0*		µg/l	*30.0*		*103*	*70-130*			
Matrix Spike (5040287-MS1)		**Source: SA25951-09**		Prepared: 06-Apr-05 Analyzed: 07-Apr-05						
Benzene	18.2		µg/l	20.0	BRL	91.0	70-130			
Chlorobenzene	19.9		µg/l	20.0	BRL	99.5	70-130			
1,1-Dichloroethene	15.8		µg/l	20.0	BRL	79.0	70-130			
Toluene	18.8		µg/l	20.0	BRL	94.0	70-130			
Trichloroethene	17.7		µg/l	20.0	BRL	88.5	70-130			
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/l	*30.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*29.1*		µg/l	*30.0*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*31.1*		µg/l	*30.0*		*104*	*70-130*			
Surrogate: Dibromofluoromethane	*31.0*		µg/l	*30.0*		*103*	*70-130*			
Matrix Spike Dup (5040287-MSD1)		**Source: SA25951-09**		Prepared: 06-Apr-05 Analyzed: 07-Apr-05						
Benzene	20.1		µg/l	20.0	BRL	100	70-130	9.42	30	
Chlorobenzene	22.1		µg/l	20.0	BRL	110	70-130	10.0	30	
1,1-Dichloroethene	17.0		µg/l	20.0	BRL	85.0	70-130	7.32	30	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040287 - Volatiles										
Matrix Spike Dup (5040287-MSD1)		**Source: SA25951-09**		Prepared: 06-Apr-05 Analyzed: 07-Apr-05						
Toluene	21.1		µg/l	20.0	BRL	106	70-130	12.0	30	
Trichloroethene	19.8		µg/l	20.0	BRL	99.0	70-130	11.2	30	
Surrogate: 4-Bromofluorobenzene	*31.5*		µg/l	*30.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*29.5*		µg/l	*30.0*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*31.4*		µg/l	*30.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*31.1*		µg/l	*30.0*		*104*	*70-130*			
Batch 5040341 - Volatiles										
Blank (5040341-BLK1)				Prepared & Analyzed: 07-Apr-05						
Benzene	BRL	1.0	µg/l							
Ethylbenzene	BRL	1.0	µg/l							
Methyl tert-butyl ether	BRL	1.0	µg/l							
Naphthalene	BRL	1.0	µg/l							
Toluene	BRL	1.0	µg/l							
1,2,4-Trimethylbenzene	BRL	1.0	µg/l							
1,3,5-Trimethylbenzene	BRL	1.0	µg/l							
m,p-Xylene	BRL	2.0	µg/l							
o-Xylene	BRL	1.0	µg/l							
Surrogate: 4-Bromofluorobenzene	*28.9*		µg/l	*30.0*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*30.4*		µg/l	*30.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/l	*30.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*31.0*		µg/l	*30.0*		*103*	*70-130*			
LCS (5040341-BS1)				Prepared & Analyzed: 07-Apr-05						
Benzene	22.8		µg/l	20.0		114	70-130			
Ethylbenzene	24.2		µg/l	20.0		121	70-130			
Methyl tert-butyl ether	22.3		µg/l	20.0		112	70-130			
Naphthalene	21.1		µg/l	20.0		106	70-130			
Toluene	22.7		µg/l	20.0		114	70-130			
1,2,4-Trimethylbenzene	25.8		µg/l	20.0		129	70-130			
1,3,5-Trimethylbenzene	23.2		µg/l	20.0		116	70-130			
m,p-Xylene	50.5		µg/l	40.0		126	70-130			
o-Xylene	26.2		µg/l	20.0		131	70-130			QC-1
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/l	*30.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*29.4*		µg/l	*30.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/l	*30.0*		*97.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.9*		µg/l	*30.0*		*99.7*	*70-130*			
LCS Dup (5040341-BSD1)				Prepared & Analyzed: 07-Apr-05						
Benzene	21.2		µg/l	20.0		106	70-130	7.27	30	
Ethylbenzene	22.8		µg/l	20.0		114	70-130	5.96	30	
Methyl tert-butyl ether	20.7		µg/l	20.0		104	70-130	7.41	30	
Naphthalene	19.7		µg/l	20.0		98.5	70-130	7.33	30	
Toluene	21.7		µg/l	20.0		108	70-130	5.41	30	
1,2,4-Trimethylbenzene	24.5		µg/l	20.0		122	70-130	5.58	30	
1,3,5-Trimethylbenzene	22.2		µg/l	20.0		111	70-130	4.41	30	
m,p-Xylene	47.6		µg/l	40.0		119	70-130	5.71	30	
o-Xylene	24.5		µg/l	20.0		122	70-130	7.11	30	
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/l	*30.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*29.5*		µg/l	*30.0*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/l	*30.0*		*95.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.3*		µg/l	*30.0*		*97.7*	*70-130*			
Matrix Spike (5040341-MS1)		**Source: SA25948-01**		Prepared & Analyzed: 07-Apr-05						
Benzene	16.3		µg/l	20.0	BRL	81.5	70-130			
Chlorobenzene	18.9		µg/l	20.0	BRL	94.5	70-130			

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040341 - Volatiles										
Matrix Spike (5040341-MS1)	**Source: SA25948-01**			Prepared & Analyzed: 07-Apr-05						
1,1-Dichloroethene	12.8		µg/l	20.0	BRL	64.0	70-130			QM-07
Toluene	17.4		µg/l	20.0	BRL	87.0	70-130			
Trichloroethene	16.0		µg/l	20.0	BRL	80.0	70-130			
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/l	*30.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*29.4*		µg/l	*30.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/l	*30.0*		*95.3*	*70-130*			
Surrogate: Dibromofluoromethane	*29.7*		µg/l	*30.0*		*99.0*	*70-130*			
Matrix Spike Dup (5040341-MSD1)	**Source: SA25948-01**			Prepared & Analyzed: 07-Apr-05						
Benzene	16.3		µg/l	20.0	BRL	81.5	70-130	0.00	30	
Chlorobenzene	18.9		µg/l	20.0	BRL	94.5	70-130	0.00	30	
1,1-Dichloroethene	12.5		µg/l	20.0	BRL	62.5	70-130	2.37	30	QM-07
Toluene	17.9		µg/l	20.0	BRL	89.5	70-130	2.83	30	
Trichloroethene	16.4		µg/l	20.0	BRL	82.0	70-130	2.47	30	
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*29.5*		µg/l	*30.0*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*28.9*		µg/l	*30.0*		*96.3*	*70-130*			
Surrogate: Dibromofluoromethane	*28.6*		µg/l	*30.0*		*95.3*	*70-130*			
Batch 5040402 - Volatiles										
Blank (5040402-BLK1)				Prepared & Analyzed: 08-Apr-05						
Benzene	BRL	1.0	µg/l							
Ethylbenzene	BRL	1.0	µg/l							
Methyl tert-butyl ether	BRL	1.0	µg/l							
Naphthalene	BRL	1.0	µg/l							
Toluene	BRL	1.0	µg/l							
1,2,4-Trimethylbenzene	BRL	1.0	µg/l							
1,3,5-Trimethylbenzene	BRL	1.0	µg/l							
m,p-Xylene	BRL	2.0	µg/l							
o-Xylene	BRL	1.0	µg/l							
Surrogate: 4-Bromofluorobenzene	*29.3*		µg/l	*30.0*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*29.3*		µg/l	*30.0*		*97.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*30.5*		µg/l	*30.0*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*25.5*		µg/l	*30.0*		*85.0*	*70-130*			
LCS (5040402-BS1)				Prepared & Analyzed: 08-Apr-05						
Benzene	21.1		µg/l	20.0		106	70-130			
Ethylbenzene	22.2		µg/l	20.0		111	70-130			
Methyl tert-butyl ether	21.2		µg/l	20.0		106	70-130			
Naphthalene	20.1		µg/l	20.0		100	70-130			
Toluene	21.2		µg/l	20.0		106	70-130			
1,2,4-Trimethylbenzene	24.1		µg/l	20.0		120	70-130			
1,3,5-Trimethylbenzene	21.5		µg/l	20.0		108	70-130			
m,p-Xylene	46.3		µg/l	40.0		116	70-130			
o-Xylene	24.2		µg/l	20.0		121	70-130			
Surrogate: 4-Bromofluorobenzene	*31.8*		µg/l	*30.0*		*106*	*70-130*			
Surrogate: Toluene-d8	*28.9*		µg/l	*30.0*		*96.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.6*		µg/l	*30.0*		*92.0*	*70-130*			
Surrogate: Dibromofluoromethane	*23.6*		µg/l	*30.0*		*78.7*	*70-130*			
LCS Dup (5040402-BSD1)				Prepared & Analyzed: 08-Apr-05						
Benzene	21.9		µg/l	20.0		110	70-130	3.70	30	
Ethylbenzene	22.1		µg/l	20.0		110	70-130	0.905	30	
Methyl tert-butyl ether	23.4		µg/l	20.0		117	70-130	9.87	30	
Naphthalene	21.2		µg/l	20.0		106	70-130	5.83	30	
Toluene	21.3		µg/l	20.0		106	70-130	0.00	30	

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 5040402 - Volatiles										
LCS Dup (5040402-BSD1)				Prepared & Analyzed: 08-Apr-05						
1,2,4-Trimethylbenzene	23.9		µg/l	20.0		120	70-130	0.00	30	
1,3,5-Trimethylbenzene	21.5		µg/l	20.0		108	70-130	0.00	30	
m,p-Xylene	45.5		µg/l	40.0		114	70-130	1.74	30	
o-Xylene	23.5		µg/l	20.0		118	70-130	2.51	30	
Surrogate: 4-Bromofluorobenzene	*30.8*		µg/l	*30.0*		*103*	*70-130*			
Surrogate: Toluene-d8	*29.4*		µg/l	*30.0*		*98.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*28.8*		µg/l	*30.0*		*96.0*	*70-130*			
Surrogate: Dibromofluoromethane	*24.9*		µg/l	*30.0*		*83.0*	*70-130*			
Matrix Spike (5040402-MS1)		**Source: SA25953-13**		Prepared & Analyzed: 08-Apr-05						
Benzene	14.0		µg/l	20.0	BRL	70.0	70-130			
Chlorobenzene	17.2		µg/l	20.0	BRL	86.0	70-130			
1,1-Dichloroethene	11.6		µg/l	20.0	BRL	58.0	70-130			QC-1
Toluene	15.1		µg/l	20.0	BRL	75.5	70-130			
Trichloroethene	13.2		µg/l	20.0	BRL	66.0	70-130			QC-1
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/l	*30.0*		*101*	*70-130*			
Surrogate: Toluene-d8	*28.6*		µg/l	*30.0*		*95.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.2*		µg/l	*30.0*		*90.7*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		µg/l	*30.0*		*82.7*	*70-130*			
Matrix Spike Dup (5040402-MSD1)		**Source: SA25953-13**		Prepared & Analyzed: 08-Apr-05						
Benzene	16.4		µg/l	20.0	BRL	82.0	70-130	15.8	30	
Chlorobenzene	19.7		µg/l	20.0	BRL	98.5	70-130	13.6	30	
1,1-Dichloroethene	12.3		µg/l	20.0	BRL	61.5	70-130	5.86	30	QC-1
Toluene	17.2		µg/l	20.0	BRL	86.0	70-130	13.0	30	
Trichloroethene	15.6		µg/l	20.0	BRL	78.0	70-130	16.7	30	
Surrogate: 4-Bromofluorobenzene	*30.7*		µg/l	*30.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*28.4*		µg/l	*30.0*		*94.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*27.8*		µg/l	*30.0*		*92.7*	*70-130*			
Surrogate: Dibromofluoromethane	*24.8*		µg/l	*30.0*		*82.7*	*70-130*			

Notes and Definitions

QC-1 Analyte out of acceptance range.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

VOC3 Methylene Chloride concentration reflects normal average laboratory background.

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

NR Not Reported

RPD Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA25951

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ECS
65 MILLET ST. SUITE 301
RICHMOND, VT 05477
Project Mgr.: JAYMI ECKLAND

Invoice To: _____
P.O. No.: _____ RQN: _____

Project No.: VT96-0093
Site Name: LONDONDERRY CITGO
Location: LONDONDERRY State: VT
Sampler(s): MIKE DORAN / BRIAN BACHMANN

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8021b VT SCAN	QA Reporting Notes: (check if needed)
SA25951-01	2ND CONG. CHURCH	3/29/05	1120	G	GW	2	2				X	State specific reporting standards *If applicable, please list below.* _____ ☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No *(Response required for CAM report)*
-02	CHURCH STORE		1125									
-03	ALLEN		1140									
-04	ROWLEY		1155									
-05	GORDON		1210									
-06	BREZNICK (EGAN)		1220									
-07	ROGERS		1235									
-08	JELLEY MOBIL		1300									
-09	MAIN SUPPLY EFF.		1340									
-10	MAIN SUPPLY MID		1345									

☒ Fax results when available to (802) 434-6076
☒ E-mail to jeckland@ecsconsult.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☒ 4°C

Relinquished by:	Received by:	Date:	Time:
[signature]	FedEx	3/30/05	1530
FedEx	[signature]	3/31/05	1040

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

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Page 2 of 3

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Report To: ECS
65 MILLET ST. SUITE 301
RICHMOND, VT 05477
Project Mgr.: JAMES CLELAND

Invoice To: _____
P.O. No.: _____ RQN: _____

Project No.: VT96-6093
Site Name: LONDONDERRY C1760
Location: LONDONDERRY State: VT
Sampler(s): MIKE DORAN / BRIAN BS

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses: 8021B VT Scan	Analyses: 524.2	QA Reporting Notes: (check if needed)
25951 -11	MAIN SUPPLY INF.	3/29/05	1350	G	GW	2	2					X		State specific reporting standards *If applicable, please list below.* _____ ☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No *(Response required for CAM report)*
-12	THORNE THOMSEN EFF		1415										X	
13	THORNE THOMSEN AIR		1420											
14	THORNE THOMSEN INF.		1425											
15	MW-7		1515									X		
16	MW-3		1520											
17	MW-S3		1525											
18	MW-S2		1530											
19	MW-8		1535											
-20	DUPLICATE		1540											

☒ Fax results when available to (302) 434-6076
☒ E-mail to jcleland@ecsconsult.com
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☒ C 4

Relinquished by:	Received by:	Date:	Time:
FedEx	FedEx	3/30/05	1530
		3/31/05	1040

25951

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Report To: ECS
65 MILLET ST. SUITE 301
RICHMOND, VT 05477

Project Mgr.: JAYMI CLELAND

Invoice To: _____

P.O. No.: _____ RQN: _____

Project No.: VT96-0093
Site Name: LONDONDERRY C-TECO
Location: LONDONDERRY State: VT
Sampler(s): MIKE DORAN / BRIAN BECHARD

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: ☒ 8260 VT SCM	QA Reporting Notes: (check if needed)
25951-21	SP-1	3/29/05	1545	C	GW	2	2				X	
-22	SP-2		1550									
-23	SP-3		1555									
-24	TK,P		0830									
-25	JUNKER		1630									
-26	GARDEN RESTAURANT		1640									

State specific reporting standards *If applicable, please list below.*

☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

☒ Fax results when available to (802) 434-6076
☐ E-mail to jcleland@ecsconsult.com
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☒ °C 4

Relinquished by:	Received by:	Date:	Time:
[signature] FedEx	FedEx	3/30/05	1530
FedEx	[signature]	3/31/05	1040