FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Lab File ID (Standard): NXX50IV Date Analyzed: 06/21/04

Instrument ID: N Time Analyzed: 2137

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

		IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	2971244	9.86	2504340	15.63	1831646	20.05
	UPPER LIMIT	5942488	10.36	5008680	16.13	3663292	20.55
	LOWER LIMIT	1485622	9.36	1252170	15.13	915823	19.55
	CLIENT SAMPLE NO.						
01	NXXI LCS	3206249	9.86	2643436	15.63	1842905	20.05
02	NXXI LCSD	3897166	9.84	3033817	15.63	2075402	20.05
03	VBLKW8	3879317	9.86	2919462	15.63	1907994	20.04
04	MODEL CLAY	2402812	9.87	1919191	15.62	1326980	20.04
05							
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22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SEVERN TRENT STL

METHOD TO-15

SAMPLE DATA SUMMARY PACKAGE

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576334

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576334

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.59	
74-87-3	Chloromethane	0.58	
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.58	
75-69-4	Trichlorofluoromethane	7.9	
76-13-1	Freon TF	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.91	
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	5.1	
78-87-5	1,2-Dichloropropane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-88-3	Toluene	7.1	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	1.3	
1330-20-7	Xylene (m,p)	4.7	
100-42-5	Styrene	1.8	
95-47-6	Xylene (o)	1.4	
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576334

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576334

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.67	
76-14-2	1,2-Dichlorotetrafluoroethan	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
106-99-0	1,3-Butadiene	0.50	U
75-15-0	Carbon Disulfide	2.0	
67-64-1	Acetone	34	
67-63-0	Isopropyl Alcohol	29	
1634-04-4	Methyl tert-Butyl Ether	0.50	U
110-82-7	Cyclohexane	1.7	
124-48-1	Dibromochloromethane	0.50	U
78-93-3	Methyl Ethyl Ketone	2.0	
108-10-1	Methyl Isobutyl Ketone	0.50	U
591-78-6	Methyl Butyl Ketone	0.50	U
75-27-4	Bromodichloromethane	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
622-96-8	4-Ethyltoluene	0.52	
95-49-8	2-Chlorotoluene	0.50	U
110-54-3	n-Hexane	1.8	
109-99-9	Tetrahydrofuran	5.0	U
142-82-5	n-Heptane	7.5	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNEDL

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576334D1

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576334D

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	8.5	D
76-13-1	Freon TF	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-09-2	Methylene Chloride	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.1	D
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	5.3	D
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	7.3	D
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.4	D
1330-20-7	Xylene (m,p)	4.9	D
100-42-5	Styrene	1.8	D
95-47-6	Xylene (o)	1.5	D
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNEDL

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576334D1

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576334D

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
106-99-0	1,3-Butadiene	1.0	U
75-15-0	Carbon Disulfide	2.2	D
67-64-1	Acetone	39	D
67-63-0	Isopropyl Alcohol	33	D
1634-04-4	Methyl tert-Butyl Ether	1.0	U
110-82-7	Cyclohexane	1.8	D
124-48-1	Dibromochloromethane	1.0	U
78-93-3	Methyl Ethyl Ketone	2.0	D
108-10-1	Methyl Isobutyl Ketone	1.1	D
591-78-6	Methyl Butyl Ketone	2.4	D
75-27-4	Bromodichloromethane	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
622-96-8	4-Ethyltoluene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
110-54-3	n-Hexane	1.4	D
109-99-9	Tetrahydrofuran	10	U
142-82-5	n-Heptane	8.2	D

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNEDP

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576335

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576335I2

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.62	
74-87-3	Chloromethane	0.69	
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.61	
75-69-4	Trichlorofluoromethane	8.6	
76-13-1	Freon TF	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-09-2	Methylene Chloride	0.51	
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.73	
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	4.1	
78-87-5	1,2-Dichloropropane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-88-3	Toluene	6.5	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	1.1	
1330-20-7	Xylene (m,p)	4.5	
100-42-5	Styrene	1.4	
95-47-6	Xylene (o)	1.4	
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

SGTERADYNEDP

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576335

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576335I2

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.70	
76-14-2	1,2-Dichlorotetrafluoroethan	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
106-99-0	1,3-Butadiene	0.50	U
75-15-0	Carbon Disulfide	0.98	
67-64-1	Acetone	32	
67-63-0	Isopropyl Alcohol	32	
1634-04-4	Methyl tert-Butyl Ether	0.50	U
110-82-7	Cyclohexane	1.7	
124-48-1	Dibromochloromethane	0.50	U
78-93-3	Methyl Ethyl Ketone	2.0	
108-10-1	Methyl Isobutyl Ketone	0.50	U
591-78-6	Methyl Butyl Ketone	0.50	U
75-27-4	Bromodichloromethane	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
622-96-8	4-Ethyltoluene	0.52	
95-49-8	2-Chlorotoluene	0.50	U
110-54-3	n-Hexane	1.9	
109-99-9	Tetrahydrofuran	5.0	U
142-82-5	n-Heptane	8.4	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

TRIP BLANK

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576336

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576336

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
76-13-1	Freon TF	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (m,p)	0.50	U
100-42-5	Styrene	0.50	U
95-47-6	Xylene (o)	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ROUX2 SAMPLE NO.

TRIP BLANK

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: 576336

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 576336

Level: (low/med) LOW Date Received: 06/19/04

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
106-99-0	1,3-Butadiene	0.50	U
75-15-0	Carbon Disulfide	0.50	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
110-82-7	Cyclohexane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
78-93-3	Methyl Ethyl Ketone	0.50	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
591-78-6	Methyl Butyl Ketone	0.50	U
75-27-4	Bromodichloromethane	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
622-96-8	4-Ethyltoluene	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
110-54-3	n-Hexane	0.50	U
109-99-9	Tetrahydrofuran	5.0	U
142-82-5	n-Heptane	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKB1

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: ABLKB1

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EHB002B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
76-13-1	Freon TF	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (m,p)	0.50	U
100-42-5	Styrene	0.50	U
95-47-6	Xylene (o)	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKB1

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: ABLKB1

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EHB002B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
106-99-0	1,3-Butadiene	0.50	U
75-15-0	Carbon Disulfide	0.50	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
110-82-7	Cyclohexane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
78-93-3	Methyl Ethyl Ketone	0.50	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
591-78-6	Methyl Butyl Ketone	0.50	U
75-27-4	Bromodichloromethane	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
622-96-8	4-Ethyltoluene	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
110-54-3	n-Hexane	0.50	U
109-99-9	Tetrahydrofuran	5.0	U
142-82-5	n-Heptane	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKB3

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: ABLKB3

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EHB002C

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
76-13-1	Freon TF	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-09-2	Methylene Chloride	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
1330-20-7	Xylene (m,p)	0.50	U
100-42-5	Styrene	0.50	U
95-47-6	Xylene (o)	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKB3

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: ABLKB3

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EHB002C

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
106-99-0	1,3-Butadiene	0.50	U
75-15-0	Carbon Disulfide	0.50	U
67-64-1	Acetone	5.0	U
67-63-0	Isopropyl Alcohol	5.0	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
110-82-7	Cyclohexane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
78-93-3	Methyl Ethyl Ketone	0.50	U
108-10-1	Methyl Isobutyl Ketone	0.50	U
591-78-6	Methyl Butyl Ketone	0.50	U
75-27-4	Bromodichloromethane	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
622-96-8	4-Ethyltoluene	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
110-54-3	n-Hexane	0.50	U
109-99-9	Tetrahydrofuran	5.0	U
142-82-5	n-Heptane	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B1LCS

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B1LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010BQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	12	
75-00-3	Chloroethane	12	
75-69-4	Trichlorofluoromethane	12	
76-13-1	Freon TF	11	
75-35-4	1,1-Dichloroethene	11	
75-09-2	Methylene Chloride	10	
75-34-3	1,1-Dichloroethane	11	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	12	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	24	
100-42-5	Styrene	12	
95-47-6	Xylene (o)	12	
79-34-5	1,1,2,2-Tetrachloroethane	12	
541-73-1	1,3-Dichlorobenzene	12	
106-46-7	1,4-Dichlorobenzene	12	
95-50-1	1,2-Dichlorobenzene	12	
120-82-1	1,2,4-Trichlorobenzene	18	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B1LCS

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B1LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010BQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	14	
108-67-8	1,3,5-Trimethylbenzene	14	
95-63-6	1,2,4-Trimethylbenzene	12	
76-14-2	1,2-Dichlorotetrafluoroethan	11	
106-93-4	1,2-Dibromoethane	11	
106-99-0	1,3-Butadiene	12	
75-15-0	Carbon Disulfide	11	
67-64-1	Acetone	12	
67-63-0	Isopropyl Alcohol	9.8	
1634-04-4	Methyl tert-Butyl Ether	11	
110-82-7	Cyclohexane	11	
124-48-1	Dibromochloromethane	12	
78-93-3	Methyl Ethyl Ketone	10	
108-10-1	Methyl Isobutyl Ketone	9.8	
591-78-6	Methyl Butyl Ketone	9.8	
75-27-4	Bromodichloromethane	11	
156-60-5	trans-1,2-Dichloroethene	11	
622-96-8	4-Ethyltoluene	10	
95-49-8	2-Chlorotoluene	12	
110-54-3	n-Hexane	11	
109-99-9	Tetrahydrofuran	10	
142-82-5	n-Heptane	12	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B1LCSD

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B1LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010BQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	12	
74-87-3	Chloromethane	12	
75-01-4	Vinyl Chloride	12	
74-83-9	Bromomethane	12	
75-00-3	Chloroethane	12	
75-69-4	Trichlorofluoromethane	12	
76-13-1	Freon TF	11	
75-35-4	1,1-Dichloroethene	11	
75-09-2	Methylene Chloride	10	
75-34-3	1,1-Dichloroethane	11	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	11	
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	12	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	11	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	11	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	12	
1330-20-7	Xylene (m,p)	25	
100-42-5	Styrene	12	
95-47-6	Xylene (o)	12	
79-34-5	1,1,2,2-Tetrachloroethane	12	
541-73-1	1,3-Dichlorobenzene	12	
106-46-7	1,4-Dichlorobenzene	12	
95-50-1	1,2-Dichlorobenzene	13	
120-82-1	1,2,4-Trichlorobenzene	20	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B1LCSD

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B1LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010BQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	16	
108-67-8	1,3,5-Trimethylbenzene	14	
95-63-6	1,2,4-Trimethylbenzene	13	
76-14-2	1,2-Dichlorotetrafluoroethan	12	
106-93-4	1,2-Dibromoethane	11	
106-99-0	1,3-Butadiene	12	
75-15-0	Carbon Disulfide	11	
67-64-1	Acetone	12	
67-63-0	Isopropyl Alcohol	9.9	
1634-04-4	Methyl tert-Butyl Ether	12	
110-82-7	Cyclohexane	11	
124-48-1	Dibromochloromethane	12	
78-93-3	Methyl Ethyl Ketone	10	
108-10-1	Methyl Isobutyl Ketone	9.8	
591-78-6	Methyl Butyl Ketone	10	
75-27-4	Bromodichloromethane	11	
156-60-5	trans-1,2-Dichloroethene	11	
622-96-8	4-Ethyltoluene	12	
95-49-8	2-Chlorotoluene	13	
110-54-3	n-Hexane	11	
109-99-9	Tetrahydrofuran	11	
142-82-5	n-Heptane	12	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B3LCS

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B3LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010CQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	9.8	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
75-69-4	Trichlorofluoromethane	10	
76-13-1	Freon TF	10	
75-35-4	1,1-Dichloroethene	11	
75-09-2	Methylene Chloride	9.2	
75-34-3	1,1-Dichloroethane	10	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
127-18-4	Tetrachloroethene	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	23	
100-42-5	Styrene	11	
95-47-6	Xylene (o)	11	
79-34-5	1,1,2,2-Tetrachloroethane	11	
541-73-1	1,3-Dichlorobenzene	11	
106-46-7	1,4-Dichlorobenzene	11	
95-50-1	1,2-Dichlorobenzene	11	
120-82-1	1,2,4-Trichlorobenzene	17	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B3LCS

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B3LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010CQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	13	
108-67-8	1,3,5-Trimethylbenzene	11	
95-63-6	1,2,4-Trimethylbenzene	11	
76-14-2	1,2-Dichlorotetrafluoroethan	10	
106-93-4	1,2-Dibromoethane	10	
106-99-0	1,3-Butadiene	10	
75-15-0	Carbon Disulfide	10	
67-64-1	Acetone	10	
67-63-0	Isopropyl Alcohol	9.1	
1634-04-4	Methyl tert-Butyl Ether	10	
110-82-7	Cyclohexane	11	
124-48-1	Dibromochloromethane	11	
78-93-3	Methyl Ethyl Ketone	9.8	
108-10-1	Methyl Isobutyl Ketone	9.8	
591-78-6	Methyl Butyl Ketone	9.3	
75-27-4	Bromodichloromethane	10	
156-60-5	trans-1,2-Dichloroethene	10	
622-96-8	4-Ethyltoluene	11	
95-49-8	2-Chlorotoluene	11	
110-54-3	n-Hexane	9.7	
109-99-9	Tetrahydrofuran	10	
142-82-5	n-Heptane	11	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B3LCSD

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B3LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010CQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	11	
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
75-69-4	Trichlorofluoromethane	11	
76-13-1	Freon TF	11	
75-35-4	1,1-Dichloroethene	11	
75-09-2	Methylene Chloride	9.6	
75-34-3	1,1-Dichloroethane	10	
156-59-2	cis-1,2-Dichloroethene	10	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	11	
71-43-2	Benzene	11	
107-06-2	1,2-Dichloroethane	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	11	
127-18-4	Tetrachloroethene	11	
108-90-7	Chlorobenzene	11	
100-41-4	Ethylbenzene	12	
1330-20-7	Xylene (m,p)	25	
100-42-5	Styrene	12	
95-47-6	Xylene (o)	12	
79-34-5	1,1,2,2-Tetrachloroethane	12	
541-73-1	1,3-Dichlorobenzene	12	
106-46-7	1,4-Dichlorobenzene	12	
95-50-1	1,2-Dichlorobenzene	12	
120-82-1	1,2,4-Trichlorobenzene	16	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B3LCSD

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix: (soil/water) AIR Lab Sample ID: B3LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: EH010CQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/02/04

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
87-68-3	Hexachlorobutadiene	14	
108-67-8	1,3,5-Trimethylbenzene	15	
95-63-6	1,2,4-Trimethylbenzene	12	
76-14-2	1,2-Dichlorotetrafluoroethan	11	
106-93-4	1,2-Dibromoethane	11	
106-99-0	1,3-Butadiene	11	
75-15-0	Carbon Disulfide	11	
67-64-1	Acetone	10	
67-63-0	Isopropyl Alcohol	9.4	
1634-04-4	Methyl tert-Butyl Ether	11	
110-82-7	Cyclohexane	11	
124-48-1	Dibromochloromethane	12	
78-93-3	Methyl Ethyl Ketone	10	
108-10-1	Methyl Isobutyl Ketone	9.7	
591-78-6	Methyl Butyl Ketone	10	
75-27-4	Bromodichloromethane	11	
156-60-5	trans-1,2-Dichloroethene	11	
622-96-8	4-Ethyltoluene	10	
95-49-8	2-Chlorotoluene	12	
110-54-3	n-Hexane	11	
109-99-9	Tetrahydrofuran	10	
142-82-5	n-Heptane	11	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B1LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		11	110	70-130
Chloromethane	10		11	110	70-130
Vinyl Chloride	10		11	110	70-130
Bromomethane	10		12	120	70-130
Chloroethane	10		12	120	70-130
Trichlorofluoromethane	10		12	120	70-130
Freon TF	10		11	110	70-130
1,1-Dichloroethene	10		11	110	70-130
Methylene Chloride	10		10	100	70-130
1,1-Dichloroethane	10		11	110	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
Chloroform	10		11	110	70-130
1,1,1-Trichloroethane	10		11	110	70-130
Carbon Tetrachloride	10		11	110	70-130
Benzene	10		11	110	70-130
1,2-Dichloroethane	10		12	120	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		10	100	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		11	110	70-130
Tetrachloroethene	10		11	110	70-130
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		24	120	70-130
Styrene	10		12	120	70-130
Xylene (o)	10		12	120	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B1LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
1,1,2,2-Tetrachloroetha	10		12	120	70-130
1,3-Dichlorobenzene	10		12	120	70-130
1,4-Dichlorobenzene	10		12	120	70-130
1,2-Dichlorobenzene	10		12	120	70-130
1,2,4-Trichlorobenzene	10		18	180*	70-130
Hexachlorobutadiene	10		14	140*	70-130
1,3,5-Trimethylbenzene	10		14	140*	70-130
1,2,4-Trimethylbenzene	10		12	120	70-130
1,2-Dichlorotetrafluoro	10		11	110	70-130
1,2-Dibromoethane	10		11	110	70-130
1,3-Butadiene	10		12	120	70-130
Carbon Disulfide	10		11	110	70-130
Acetone	10		12	120	70-130
Isopropyl Alcohol	10		9.8	98	70-130
Methyl tert-Butyl Ether	10		11	110	70-130
Cyclohexane	10		11	110	70-130
Dibromochloromethane	10		12	120	70-130
Methyl Ethyl Ketone	10		10	100	70-130
Methyl Isobutyl Ketone	10		9.8	98	70-130
Methyl Butyl Ketone	10		9.8	98	70-130
Bromodichloromethane	10		11	110	70-130
trans-1,2-Dichloroethen	10		11	110	70-130
4-Ethyltoluene	10		10	100	70-130
2-Chlorotoluene	10		12	120	70-130
n-Hexane	10		11	110	70-130
Tetrahydrofuran	10		10	100	70-130
n-Heptane	10		12	120	70-130

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

* Values outside of QC limits

COMMENTS:

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B1LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	12	120	9	40	70-130
Chloromethane	10	12	120	9	40	70-130
Vinyl Chloride	10	12	120	9	40	70-130
Bromomethane	10	12	120	0	40	70-130
Chloroethane	10	12	120	0	40	70-130
Trichlorofluoromethane	10	12	120	0	40	70-130
Freon TF	10	11	110	0	40	70-130
1,1-Dichloroethene	10	11	110	0	40	70-130
Methylene Chloride	10	10	100	0	40	70-130
1,1-Dichloroethane	10	11	110	0	40	70-130
cis-1,2-Dichloroethene	10	10	100	0	40	70-130
Chloroform	10	11	110	0	40	70-130
1,1,1-Trichloroethane	10	12	120	9	40	70-130
Carbon Tetrachloride	10	11	110	0	40	70-130
Benzene	10	11	110	0	40	70-130
1,2-Dichloroethane	10	12	120	0	40	70-130
Trichloroethene	10	10	100	0	40	70-130
1,2-Dichloropropane	10	11	110	10	40	70-130
cis-1,3-Dichloropropene	10	10	100	0	40	70-130
Toluene	10	11	110	0	40	70-130
trans-1,3-Dichloroprope	10	11	110	10	40	70-130
1,1,2-Trichloroethane	10	11	110	0	40	70-130
Tetrachloroethene	10	11	110	0	40	70-130
Chlorobenzene	10	11	110	0	40	70-130
Ethylbenzene	10	12	120	9	40	70-130
Xylene (m,p)	20	25	125	4	40	70-130
Styrene	10	12	120	0	40	70-130
Xylene (o)	10	12	120	0	40	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B1LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2,2-Tetrachloroetha	10	12	120	0	40	70-130
1,3-Dichlorobenzene	10	12	120	0	40	70-130
1,4-Dichlorobenzene	10	12	120	0	40	70-130
1,2-Dichlorobenzene	10	13	130	8	40	70-130
1,2,4-Trichlorobenzene	10	20	200*	10	40	70-130
Hexachlorobutadiene	10	16	160*	13	40	70-130
1,3,5-Trimethylbenzene	10	14	140*	0	40	70-130
1,2,4-Trimethylbenzene	10	13	130	8	40	70-130
1,2-Dichlorotetrafluoro	10	12	120	9	40	70-130
1,2-Dibromoethane	10	11	110	0	40	70-130
1,3-Butadiene	10	12	120	0	40	70-130
Carbon Disulfide	10	11	110	0	40	70-130
Acetone	10	12	120	0	40	70-130
Isopropyl Alcohol	10	9.9	99	1	40	70-130
Methyl tert-Butyl Ether	10	12	120	9	40	70-130
Cyclohexane	10	11	110	0	40	70-130
Dibromochloromethane	10	12	120	0	40	70-130
Methyl Ethyl Ketone	10	10	100	0	40	70-130
Methyl Isobutyl Ketone	10	9.8	98	0	40	70-130
Methyl Butyl Ketone	10	10	100	2	40	70-130
Bromodichloromethane	10	11	110	0	40	70-130
trans-1,2-Dichloroethen	10	11	110	0	40	70-130
4-Ethyltoluene	10	12	120	18	40	70-130
2-Chlorotoluene	10	13	130	8	40	70-130
n-Hexane	10	11	110	0	40	70-130
Tetrahydrofuran	10	11	110	10	40	70-130
n-Heptane	10	12	120	0	40	70-130

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

* Values outside of QC limits

RPD: 0 out of 55 outside limits
Spike Recovery: 6 out of 110 outside limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B3LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		9.8	98	70-130
Chloromethane	10		10	100	70-130
Vinyl Chloride	10		10	100	70-130
Bromomethane	10		11	110	70-130
Chloroethane	10		10	100	70-130
Trichlorofluoromethane	10		10	100	70-130
Freon TF	10		10	100	70-130
1,1-Dichloroethene	10		11	110	70-130
Methylene Chloride	10		9.2	92	70-130
1,1-Dichloroethane	10		10	100	70-130
cis-1,2-Dichloroethene	10		10	100	70-130
Chloroform	10		10	100	70-130
1,1,1-Trichloroethane	10		10	100	70-130
Carbon Tetrachloride	10		10	100	70-130
Benzene	10		11	110	70-130
1,2-Dichloroethane	10		11	110	70-130
Trichloroethene	10		10	100	70-130
1,2-Dichloropropane	10		10	100	70-130
cis-1,3-Dichloropropene	10		10	100	70-130
Toluene	10		11	110	70-130
trans-1,3-Dichloroprope	10		10	100	70-130
1,1,2-Trichloroethane	10		10	100	70-130
Tetrachloroethene	10		11	110	70-130
Chlorobenzene	10		11	110	70-130
Ethylbenzene	10		11	110	70-130
Xylene (m,p)	20		23	115	70-130
Styrene	10		11	110	70-130
Xylene (o)	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B3LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
1,1,2,2-Tetrachloroetha	10		11	110	70-130
1,3-Dichlorobenzene	10		11	110	70-130
1,4-Dichlorobenzene	10		11	110	70-130
1,2-Dichlorobenzene	10		11	110	70-130
1,2,4-Trichlorobenzene	10		17	170*	70-130
Hexachlorobutadiene	10		13	130	70-130
1,3,5-Trimethylbenzene	10		11	110	70-130
1,2,4-Trimethylbenzene	10		11	110	70-130
1,2-Dichlorotetrafluoro	10		10	100	70-130
1,2-Dibromoethane	10		10	100	70-130
1,3-Butadiene	10		10	100	70-130
Carbon Disulfide	10		10	100	70-130
Acetone	10		10	100	70-130
Isopropyl Alcohol	10		9.1	91	70-130
Methyl tert-Butyl Ether	10		10	100	70-130
Cyclohexane	10		11	110	70-130
Dibromochloromethane	10		11	110	70-130
Methyl Ethyl Ketone	10		9.8	98	70-130
Methyl Isobutyl Ketone	10		9.8	98	70-130
Methyl Butyl Ketone	10		9.3	93	70-130
Bromodichloromethane	10		10	100	70-130
trans-1,2-Dichloroethen	10		10	100	70-130
4-Ethyltoluene	10		11	110	70-130
2-Chlorotoluene	10		11	110	70-130
n-Hexane	10		9.7	97	70-130
Tetrahydrofuran	10		10	100	70-130
n-Heptane	10		11	110	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B3LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	11	110	12	40	70-130
Chloromethane	10	11	110	10	40	70-130
Vinyl Chloride	10	11	110	10	40	70-130
Bromomethane	10	11	110	0	40	70-130
Chloroethane	10	11	110	10	40	70-130
Trichlorofluoromethane	10	11	110	10	40	70-130
Freon TF	10	11	110	10	40	70-130
1,1-Dichloroethene	10	11	110	0	40	70-130
Methylene Chloride	10	9.6	96	4	40	70-130
1,1-Dichloroethane	10	10	100	0	40	70-130
cis-1,2-Dichloroethene	10	10	100	0	40	70-130
Chloroform	10	10	100	0	40	70-130
1,1,1-Trichloroethane	10	11	110	10	40	70-130
Carbon Tetrachloride	10	11	110	10	40	70-130
Benzene	10	11	110	0	40	70-130
1,2-Dichloroethane	10	11	110	0	40	70-130
Trichloroethene	10	10	100	0	40	70-130
1,2-Dichloropropane	10	10	100	0	40	70-130
cis-1,3-Dichloropropene	10	10	100	0	40	70-130
Toluene	10	10	100	10	40	70-130
trans-1,3-Dichloroprope	10	10	100	0	40	70-130
1,1,2-Trichloroethane	10	11	110	10	40	70-130
Tetrachloroethene	10	11	110	0	40	70-130
Chlorobenzene	10	11	110	0	40	70-130
Ethylbenzene	10	12	120	9	40	70-130
Xylene (m,p)	20	25	125	8	40	70-130
Styrene	10	12	120	9	40	70-130
Xylene (o)	10	12	120	9	40	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Matrix Spike - Sample No.: B3LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2,2-Tetrachloroetha	10	12	120	9	40	70-130
1,3-Dichlorobenzene	10	12	120	9	40	70-130
1,4-Dichlorobenzene	10	12	120	9	40	70-130
1,2-Dichlorobenzene	10	12	120	9	40	70-130
1,2,4-Trichlorobenzene	10	16	160*	6	40	70-130
Hexachlorobutadiene	10	14	140*	7	40	70-130
1,3,5-Trimethylbenzene	10	15	150*	31	40	70-130
1,2,4-Trimethylbenzene	10	12	120	9	40	70-130
1,2-Dichlorotetrafluoro	10	11	110	10	40	70-130
1,2-Dibromoethane	10	11	110	10	40	70-130
1,3-Butadiene	10	11	110	10	40	70-130
Carbon Disulfide	10	11	110	10	40	70-130
Acetone	10	10	100	0	40	70-130
Isopropyl Alcohol	10	9.4	94	3	40	70-130
Methyl tert-Butyl Ether	10	11	110	10	40	70-130
Cyclohexane	10	11	110	0	40	70-130
Dibromochloromethane	10	12	120	9	40	70-130
Methyl Ethyl Ketone	10	10	100	2	40	70-130
Methyl Isobutyl Ketone	10	9.7	97	1	40	70-130
Methyl Butyl Ketone	10	10	100	7	40	70-130
Bromodichloromethane	10	11	110	10	40	70-130
trans-1,2-Dichloroethen	10	11	110	10	40	70-130
4-Ethyltoluene	10	10	100	10	40	70-130
2-Chlorotoluene	10	12	120	9	40	70-130
n-Hexane	10	11	110	12	40	70-130
Tetrahydrofuran	10	10	100	0	40	70-130
n-Heptane	10	11	110	0	40	70-130

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

* Values outside of QC limits

RPD: 0 out of 55 outside limits
Spike Recovery: 4 out of 110 outside limits

COMMENTS:

CLICK TO CONTINUE

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKB1

Lab Name: STL BURLINGTON Contract: 24000

Lab Code: STLVT Case No.: 24000 SAS No.: SDG No.: 100862

Lab File ID: EHB002B Lab Sample ID: ABLKB1

Date Analyzed: 07/01/04 Time Analyzed: 1317

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

Instrument ID: V

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B1LCS	B1LCS	EH010BQ	1109
02	B1LCSD	B1LCSD	EH010BQD	1146
03	SGTERADYNE	576334	576334	0446
04	TRIP BLANK	576336	576336	0619
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COMMENTS:

FORM IV VOA