Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/03/10 15:25

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-04 Batch: WG441034-4								
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1

VIL_RESP02048

Project Name: 13 DEPOT STREET
Project Number: 16989.4
Lab Number: L1017285
Report Date: 11/08/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/03/10 15:25

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01-04 Batch: WG441034-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

VIL_RESP02049

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 Batch: WG441034-3								
Chlorodifluoromethane	88		-		70-130	-		
Propylene	88		-		70-130	-		
Propane	78		-		70-130	-		
Dichlorodifluoromethane	103		-		70-130	-		
Chloromethane	99		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	102		-		70-130	-		
Methanol	82		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Butane	93		-		70-130	-		
Bromomethane	99		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethyl Alcohol	87		-		70-130	-		
Dichlorofluoromethane	89		-		70-130	-		
Vinyl bromide	99		-		70-130	-		
Acrolein	92		-		70-130	-		
Acetone	88		-		70-130	-		
Acetonitrile	89		-		70-130	-		
Trichlorofluoromethane	104		-		70-130	-		
iso-Propyl Alcohol	97		-		70-130	-		
Acrylonitrile	88		-		70-130	-		

VIL_RESP02050

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 Batch: WG441034-3								
Pentane	90		-		70-130	-		
Ethyl ether	86		-		70-130	-		
1,1-Dichloroethene	102		-		70-130	-		
tert-Butyl Alcohol	88		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		-		70-130	-		
trans-1,2-Dichloroethene	98		-		70-130	-		
1,1-Dichloroethane	97		-		70-130	-		
Methyl tert butyl ether	84		-		70-130	-		
Vinyl acetate	101		-		70-130	-		
2-Butanone	84		-		70-130	-		
cis-1,2-Dichloroethene	99		-		70-130	-		
Ethyl Acetate	84		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
2,2-Dichloropropane	93		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	101		-		70-130	-		
Isopropyl Ether	91		-		70-130	-		

VIL_RESP02051

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 Batch: WG441034-3								
Ethyl-Tert-Butyl-Ether	91		-		70-130	-		
1,1,1-Trichloroethane	107		-		70-130	-		
1,1-Dichloropropene	105		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	114		-		70-130	-		
Cyclohexane	95		-		70-130	-		
Tertiary-Amyl Methyl Ether	85		-		70-130	-		
Dibromomethane	99		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	77		-		70-130	-		
Trichloroethene	103		-		70-130	-		
2,2,4-Trimethylpentane	94		-		70-130	-		
Heptane	98		-		70-130	-		
2,4,4-Trimethyl-1-Pentene	87		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	77		-		70-130	-		
2,4,4-Trimethyl-2-Pentene	102		-		70-130	-		
trans-1,3-Dichloropropene	97		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	94		-		70-130	-		

VIL_RESP02052

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 Batch: WG441034-3								
1,3-Dichloropropane	86		-		70-130	-		
2-Hexanone	79		-		70-130	-		
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	100		-		70-130	-		
Butyl Acetate	75		-		70-130	-		
Octane	87		-		70-130	-		
Tetrachloroethene	103		-		70-130	-		
1,1,1,2-Tetrachloroethane	96		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	97		-		70-130	-		
p/m-Xylene	95		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	96		-		70-130	-		
o-Xylene	98		-		70-130	-		
1,2,3-Trichloropropane	82		-		70-130	-		
Nonane (C9)	86		-		70-130	-		
Isopropylbenzene	94		-		70-130	-		
Bromobenzene	95		-		70-130	-		
o-Chlorotoluene	94		-		70-130	-		
n-Propylbenzene	92		-		70-130	-		

VIL_RESP02053

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 Batch: WG441034-3								
p-Chlorotoluene	91		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	96		-		70-130	-		
tert-Butylbenzene	92		-		70-130	-		
1,2,4-Trimethylbenzene	100		-		70-130	-		
Decane (C10)	89		-		70-130	-		
Benzyl chloride	101		-		70-130	-		
1,3-Dichlorobenzene	106		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
sec-Butylbenzene	92		-		70-130	-		
p-Isopropyltoluene	85		-		70-130	-		
1,2-Dichlorobenzene	106		-		70-130	-		
n-Butylbenzene	92		-		70-130	-		
1,2-Dibromo-3-chloropropane	93		-		70-130	-		
Undecane	80		-		70-130	-		
Dodecane (C12)	96		-		70-130	-		
1,2,4-Trichlorobenzene	93		-		70-130	-		
Naphthalene	75		-		70-130	-		
1,2,3-Trichlorobenzene	75		-		70-130	-		
Hexachlorobutadiene	100		-		70-130	-		

VIL_RESP02054

Lab Duplicate Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG441034-5 QC Sample: L1016778-05 Client ID: DUP Sample						
Propylene	ND	ND	ppbV	NC		25
Dichlorodifluoromethane	30.4	30.0	ppbV	1		25
Chloromethane	0.471	0.480	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	60.6	64.1	ppbV	6		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	2.90	3.63	ppbV	22		25
Trichlorofluoromethane	15.9	15.7	ppbV	1		25
Isopropanol	10.6	11.5	ppbV	8		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	2.81	2.84	ppbV	1		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

VIL_RESP02055

Lab Duplicate Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG441034-5 QC Sample: L1016778-05 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	7.21	8.00	ppbV	10	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	1.25	1.53	ppbV	20	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	0.371	0.322	ppbV	14	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	0.359	0.381	ppbV	6	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	0.213	0.217	ppbV	2	25

VIL_RESP02056

Lab Duplicate Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG441034-5 QC Sample: L1016778-05 Client ID: DUP Sample					
Heptane	ND	0.203	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	3.46	3.49	ppbV	1	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.332	0.344	ppbV	4	25
p/m-Xylene	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	2.43	2.56	ppbV	5	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC	25

VIL_RESP02057

Lab Duplicate Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG441034-5 QC Sample: L1016778-05 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

VIL_RESP02058

Project Name: 13 DEPOT STREET **Lab Number:** L1017285

Project Number: 16989.4 **Report Date:** 11/08/10

SAMPLE RESULTS

Lab ID:	L1017285-01	Date Collected:	10/26/10 14:03
Client ID:	SG-01	Date Received:	11/02/10
Sample Location:	WINDHAM, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	11/03/10 23:22		
Analyst:	RY		

Quality Control Information

Sample Type:	30 Minute Compostie
Sample Container Type:	Canister - 2.7 Liter
Sampling Flow Controller:	Mechanical
Sampling Zone:	Unknown
Sampling Flow Meter RPD of pre & post-sampling calibration check:	<=20%
Were all QA/QC procedures REQUIRED by the method followed?	Yes
Were all performance/acceptance standards for the required procedures achieved?	Yes
Were significant modifications made to the method as specified in Sect 11.1.2?	No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	46		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		50-200
Bromochloromethane	96		50-200
Chlorobenzene-d5	93		50-200

VIL_RESP02059

Project Name: 13 DEPOT STREET **Lab Number:** L1017285

Project Number: 16989.4 **Report Date:** 11/08/10

SAMPLE RESULTS

Lab ID:	L1017285-02	Date Collected:	10/26/10 11:21
Client ID:	SG-02	Date Received:	11/02/10
Sample Location:	WINDHAM, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	11/03/10 23:57		
Analyst:	RY		

Quality Control Information

Sample Type:	30 Minute Compostie
Sample Container Type:	Canister - 2.7 Liter
Sampling Flow Controller:	Mechanical
Sampling Zone:	Unknown
Sampling Flow Meter RPD of pre & post-sampling calibration check:	<=20%
Were all QA/QC procedures REQUIRED by the method followed?	Yes
Were all performance/acceptance standards for the required procedures achieved?	Yes
Were significant modifications made to the method as specified in Sect 11.1.2?	No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	2.4		ug/m3	2.0	--	1
Toluene	15		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	180		ug/m3	12	--	1
Ethylbenzene	3.0		ug/m3	2.0	--	1
p/m-Xylene	10		ug/m3	4.0	--	1
o-Xylene	3.9		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	580		ug/m3	14	--	1
C9-C10 Aromatics Total	49		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		50-200
Bromochloromethane	96		50-200
Chlorobenzene-d5	96		50-200

VIL_RESP02060

Project Name: 13 DEPOT STREET **Lab Number:** L1017285

Project Number: 16989.4 **Report Date:** 11/08/10

SAMPLE RESULTS

Lab ID:	L1017285-03	Date Collected:	10/26/10 11:56
Client ID:	SG-02A	Date Received:	11/02/10
Sample Location:	WINDHAM, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	11/04/10 00:31		
Analyst:	RY		

Quality Control Information

Sample Type:	30 Minute Composite
Sample Container Type:	Canister - 2.7 Liter
Sampling Flow Controller:	Mechanical
Sampling Zone:	Unknown
Sampling Flow Meter RPD of pre & post-sampling calibration check:	<=20%
Were all QA/QC procedures REQUIRED by the method followed?	Yes
Were all performance/acceptance standards for the required procedures achieved?	Yes
Were significant modifications made to the method as specified in Sect 11.1.2?	No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	13		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	120		ug/m3	12	--	1
Ethylbenzene	3.0		ug/m3	2.0	--	1
p/m-Xylene	10		ug/m3	4.0	--	1
o-Xylene	4.2		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	560		ug/m3	14	--	1
C9-C10 Aromatics Total	51		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		50-200
Bromochloromethane	111		50-200
Chlorobenzene-d5	102		50-200

VIL_RESP02061

Project Name: 13 DEPOT STREET **Lab Number:** L1017285

Project Number: 16989.4 **Report Date:** 11/08/10

SAMPLE RESULTS

Lab ID:	L1017285-04	Date Collected:	10/26/10 10:23
Client ID:	SG-03	Date Received:	11/02/10
Sample Location:	WINDHAM, ME	Field Prep:	Not Specified
Matrix:	Soil_Vapor		
Analytical Method:	96,APH		
Analytical Date:	11/04/10 01:42		
Analyst:	RY		

Quality Control Information

Sample Type:	30 Minute Compostie
Sample Container Type:	Canister - 2.7 Liter
Sampling Flow Controller:	Mechanical
Sampling Zone:	Unknown
Sampling Flow Meter RPD of pre & post-sampling calibration check:	<=20%
Were all QA/QC procedures REQUIRED by the method followed?	Yes
Were all performance/acceptance standards for the required procedures achieved?	Yes
Were significant modifications made to the method as specified in Sect 11.1.2?	No

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	14		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	30		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	106		50-200
Bromochloromethane	107		50-200
Chlorobenzene-d5	101		50-200

VIL_RESP02062

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 96,APH
Analytical Date: 11/03/10 15:25
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbons in Air - Mansfield Lab for sample(s): 01-04 Batch: WG441037-4					
1,3-Butadiene	ND		ug/m3	2.0	--
Methyl tert butyl ether	ND		ug/m3	2.0	--
Benzene	ND		ug/m3	2.0	--
Toluene	ND		ug/m3	2.0	--
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--
Ethylbenzene	ND		ug/m3	2.0	--
p/m-Xylene	ND		ug/m3	4.0	--
o-Xylene	ND		ug/m3	2.0	--
Naphthalene	ND		ug/m3	2.0	--
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--
C9-C10 Aromatics Total	ND		ug/m3	10	--

VIL_RESP02063

Lab Control Sample Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG441037-3								
1,3-Butadiene	76		-		70-130	-		
Methyl tert butyl ether	80		-		70-130	-		
Benzene	85		-		70-130	-		
Toluene	86		-		70-130	-		
C5-C8 Aliphatics, Adjusted	82		-		70-130	-		
Ethylbenzene	87		-		70-130	-		
p/m-Xylene	86		-		70-130	-		
o-Xylene	89		-		70-130	-		
Naphthalene	90		-		50-150	-		
C9-C12 Aliphatics, Adjusted	80		-		70-130	-		
C9-C10 Aromatics Total	75		-		70-130	-		

VIL_RESP02064

Lab Duplicate Analysis
Batch Quality Control

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbons in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG441037-5 QC Sample: L1017285-03 Client ID: SG-02A						
1,3-Butadiene	ND	ND	ug/m3	NC		30
Methyl tert butyl ether	ND	ND	ug/m3	NC		30
Benzene	ND	ND	ug/m3	NC		30
Toluene	13	13	ug/m3	0		30
C5-C8 Aliphatics, Adjusted	120	120	ug/m3	0		30
Ethylbenzene	3.0	3.1	ug/m3	3		30
p/m-Xylene	10	11	ug/m3	10		30
o-Xylene	4.2	4.3	ug/m3	2		30
Naphthalene	ND	ND	ug/m3	NC		30
C9-C12 Aliphatics, Adjusted	560	570	ug/m3	2		30
C9-C10 Aromatics Total	51	53	ug/m3	4		30

VIL_RESP02065

Project Name: 13 DEPOT STREET **Lab Number:** L1017285

Project Number: 16989.4 **Report Date:** 11/08/10

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1017285-01	SG-01	0068	#30 SV		-	-	71	72	1
L1017285-01	SG-01	1730	2.7L Can	L1014119	-29.6	-0.1	-	-	-
L1017285-02	SG-02	0001	#90 SV		-	-	66	72	9
L1017285-02	SG-02	560	2.7L Can	L1014119	-29.6	-0.4	-	-	-
L1017285-03	SG-02A	0088	#90 SV		-	-	66	71	7
L1017285-03	SG-02A	387	2.7L Can	L1014119	-29.3	-1.2	-	-	-
L1017285-04	SG-03	0090	#90 SV		-	-	66	73	10
L1017285-04	SG-03	135	2.7L Can	L1014119	-29.6	-1.8	-	-	-

VIL_RESP02066

Air Volatiles Can Certification

VIL_RESP02067

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01
Client ID: CAN 383 SHELF 9
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/15/10 19:14
Analyst: RY

Date Collected: 09/10/10 00:00
Date Received: 09/10/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	0.233	0.200	--	0.823	0.707	--		1
Propylene	ND	0.200	--	ND	0.344	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	0.221	0.200	--	0.930	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

VIL_RESP02068

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	0.307	0.200	--	2.35	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1

VIL_RESP02069

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

VIL_RESP02070

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

VIL_RESP02071

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	79		60-140

VIL_RESP02072

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01
Client ID: CAN 383 SHELF 9
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/16/10 19:26
Analyst: RY

Date Collected: 09/10/10 00:00
Date Received: 09/10/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.054	0.050	--	0.267	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	0.093	0.050	--	0.522	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	0.256	0.050	--	1.96	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1

VIL_RESP02073

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.020	--	ND	0.075	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1

VIL_RESP02074

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

VIL_RESP02075

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

Air Canister Certification Results

Lab ID: L1014119-01 Date Collected: 09/10/10 00:00

Client ID: CAN 383 SHELF 9 Date Received: 09/10/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	80		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	79		60-140

VIL_RESP02076

AIR Petro Can Certification

VIL_RESP02077

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1014119

Project Number: CANISTER QC BAT **Report Date:** 11/08/10

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1014119-01	Date Collected:	09/10/10 00:00
Client ID:	CAN 383 SHELF 9	Date Received:	09/10/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	09/15/10 19:14		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

VIL_RESP02078

Project Name: 13 DEPOT STREET
Project Number: 16989.4

Lab Number: L1017285
Report Date: 11/08/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1017285-01A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	APH-10(30),TO15-LL(30)
L1017285-02A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	APH-10(30),TO15-LL(30)
L1017285-03A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	APH-10(30),TO15-LL(30)
L1017285-04A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	APH-10(30),TO15-LL(30)

VIL_RESP02079

*Values in parentheses indicate holding time in days

Project Name: 13 DEPOT STREET **Lab Number:** L1017285
Project Number: 16989.4 **Report Date:** 11/08/10

GLOSSARY

Acronyms

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

Report Format: Data Usability Report