

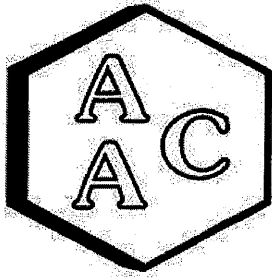
# **Volatile Organic Compound Analysis Results for Samples Collected in Nuiqsut, Alaska**

Sample Location: Nuiqsut Ambient Air Quality Monitoring Station

Date Sample Collected: 4/17/2022

Analysis Conducted by: Atmospheric Analysis & Consulting, Inc.

Analysis Method: EPA Method TO-15



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

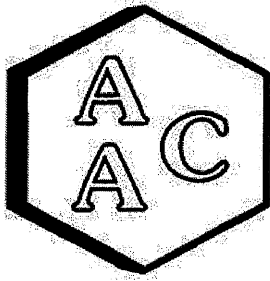
**CLIENT :** SLR International Corporation  
**PROJECT NO :** 220835  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 04/19/2022  
**DATE REPORTED :** 04/20/2022  
**ANALYST :** MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		<i>NUI</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>NUI DUP</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>Method Reporting Limit (MRL)</i>
<i>AAC ID</i>		<i>220835-30316</i>				<i>220835-30317</i>				
<i>Date Sampled</i>		<i>04/17/2022</i>				<i>04/17/2022</i>				
<i>Date Analyzed</i>		<i>04/19/2022</i>				<i>04/19/2022</i>				
<i>Can Dilution Factor</i>		<i>1.52</i>			<i>1.45</i>					
<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>		<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>			
Chlorodifluoromethane	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Propene	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Chloromethane	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Dichlorotetrafluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Vinyl Chloride	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Methanol	<SRL	U	1	7.61	<SRL	U	1	7.24	5.00	
1,3-Butadiene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Bromomethane	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Chloroethane	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Dichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Ethanol	<SRL	U	1	3.05	4.03		1	2.90	2.00	
Vinyl Bromide	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Acetone	3.56		1	3.05	4.11		1	2.90	2.00	
Trichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
2-Propanol (IPA)	<SRL	U	1	3.05	7.27		1	2.90	2.00	
Acrylonitrile	<SRL	U	1	3.05	<SRL	U	1	2.90	2.00	
1,1-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Allyl Chloride	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Carbon Disulfide	<SRL	U	1	3.05	<SRL	U	1	2.90	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,1-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Vinyl Acetate	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
2-Butanone (MEK)	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Hexane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Chloroform	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Ethyl Acetate	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Tetrahydrofuran	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Benzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** SLR International Corporation  
**PROJECT NO :** 220835  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

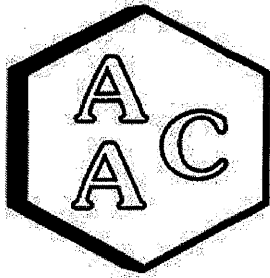
**DATE RECEIVED :** 04/19/2022  
**DATE REPORTED :** 04/20/2022  
**ANALYST :** MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		<i>NUI</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>NUI DUP</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>Method Reporting Limit (MRL)</i>
<i>AAC ID</i>		220835-30316				220835-30317				
<i>Date Sampled</i>		04/17/2022				04/17/2022				
<i>Date Analyzed</i>		04/19/2022				04/19/2022				
<i>Can Dilution Factor</i>		1.52			1.45					
<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>		<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>			
Carbon Tetrachloride	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Cyclohexane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2-Dichloropropane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Bromodichloromethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,4-Dioxane	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Heptane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Toluene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Dibromochloromethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2-Dibromoethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Chlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Ethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
m & p-Xylene	<SRL	U	1	1.52	<SRL	U	1	1.45	1.00	
Bromoform	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Styrene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
o-Xylene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
4-Ethyltoluene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
Hexachlorobutadiene	<SRL	U	1	0.76	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		86%				89%			70-130%	

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03  
 CALIBRATION STD ID : MSI-040622-01  
 ANALYST : MB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Continuing Calibration Verification of the 04/15/2022 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.80	8.81	90
Chlorodifluoromethane	10.40	11.13	107
Propene	10.60	10.58	100
Dichlorodifluoromethane	10.40	11.28	108
Dimethyl Ether	10.20	11.26	110
Chloromethane	10.40	11.66	112
Dichlorotetrafluoroethane	10.30	8.74	85
Vinyl Chloride	10.50	10.41	99
Acetaldehyde	21.10	21.48	102
Methanol	18.80	16.78	89
1,3-Butadiene	10.60	10.80	102
Bromomethane	10.40	11.23	108
Chloroethane	10.30	10.22	99
Dichlorofluoromethane	10.20	10.80	106
Ethanol	11.20	9.93	89
Vinyl Bromide	10.10	11.38	113
Acrolein	11.10	10.70	96
Acetone	10.60	9.70	92
Trichlorofluoromethane	10.50	9.37	89
2-Propanol (IPA)	11.00	9.09	83
Acrylonitrile	11.20	10.61	95
1,1-Dichloroethene	10.40	9.80	94
Methylene Chloride (DCM)	10.50	10.61	101
TertButanol (TBA)	11.10	9.72	88
Allyl Chloride	10.20	9.57	94
Carbon Disulfide	10.50	10.44	99
Trichlorotrifluoroethane	10.40	9.35	90
trans-1,2-Dichloroethene	10.60	9.86	93
1,1-Dichloroethane	10.50	9.17	87
Methyl Tert Butyl Ether (MTBE)	10.50	10.54	100
Vinyl Acetate	11.00	9.92	90
2-Butanone (MEK)	10.60	9.20	87
cis-1,2-Dichloroethene	10.50	10.18	97
Hexane	10.70	12.28	115
Chloroform	10.60	9.39	89
Ethyl Acetate	10.60	9.30	88
Tetrahydrofuran	10.20	9.87	97
1,2-Dichloroethane	10.50	9.83	94
1,1,1-Trichloroethane	10.40	9.88	95
Benzene	10.60	9.78	92
Carbon Tetrachloride	10.20	10.11	99
Cyclohexane	10.50	10.54	100

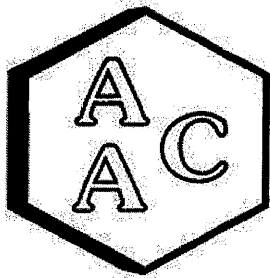
Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.50	9.48	90
Bromodichloromethane	10.40	9.65	93
1,4-Dioxane	10.40	9.34	90
Trichloroethene (TCE)	10.40	9.46	91
2,2,4-Trimethylpentane	10.00	9.88	99
Methyl Methacrylate	11.00	10.03	91
Heptane	10.50	9.59	91
cis-1,3-Dichloropropene	10.40	9.59	92
4-Methyl-2-pentanone (MiBK)	10.40	10.14	98
trans-1,3-Dichloropropene	10.50	9.43	90
1,1,2-Trichloroethane	10.50	9.50	90
Toluene	10.60	9.72	92
2-Hexanone (MBK)	10.50	10.38	99
Dibromochloromethane	10.30	9.24	90
1,2-Dibromoethane	10.60	9.45	89
Tetrachloroethene (PCE)	10.40	7.95	76
Chlorobenzene	10.60	9.50	90
Ethylbenzene	10.50	9.33	89
m & p-Xylene	21.00	17.66	84
Bromoform	10.50	8.81	84
Styrene	10.50	9.56	91
1,1,2,2-Tetrachloroethane	10.50	9.05	86
o-Xylene	10.50	8.96	85
1,2,3-Trichloropropane	11.00	9.84	89
Isopropylbenzene (Cumene)	10.30	9.25	90
α-Pinene	10.70	9.60	90
2-Chlorotoluene	10.30	9.22	90
n-Propylbenzene	10.10	8.92	88
4-Ethyltoluene	10.30	8.86	86
1,3,5-Trimethylbenzene	10.30	8.78	85
β-Pinene	11.00	9.19	84
1,2,4-Trimethylbenzene	10.30	8.82	86
Benzyl Chloride (a-Chlorotoluene)	10.40	9.61	92
1,3-Dichlorobenzene	10.40	8.85	85
1,4-Dichlorobenzene	10.30	8.46	82
Sec-ButylBenzene	10.10	8.76	87
1,2-Dichlorobenzene	10.60	8.71	82
n-ButylBenzene	10.20	9.08	89
1,2-Dibromo-3-Chloropropane	10.10	8.68	86
1,2,4-Trichlorobenzene	11.00	10.71	97
Naphthalene	11.50	12.54	109
Hexachlorobutadiene	11.00	9.60	87

<sup>1</sup> Concentration of analyte compound in certified source standard.

<sup>2</sup> Measured result from daily Continuing Calibration Verification (CCV).

<sup>3</sup> The acceptable range for analyte recovery is 100±30%.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03

CALIBRATION STD ID : MS1-040622-01

ANALYST : MB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

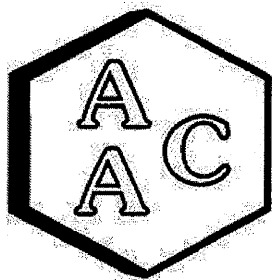
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS<sup>1</sup> Recovery</i>	<i>LCSD<sup>1</sup> Recovery</i>	<i>LCS<sup>1</sup> % Recovery<sup>2</sup></i>	<i>LCSD<sup>1</sup> % Recovery<sup>2</sup></i>	<i>RPD<sup>3</sup></i>
4-BFB (surrogate standard)	0.0	9.80	8.81	9.04	90	92	2.6
1,1-Dichloroethene	0.0	10.40	9.80	10.19	94	98	3.9
Methylene Chloride (DCM)	0.0	10.50	10.61	10.54	101	100	0.7
Benzene	0.0	10.60	9.78	9.78	92	92	0.0
Trichloroethene (TCE)	0.0	10.40	9.46	9.73	91	94	2.8
Toluene	0.0	10.60	9.72	9.54	92	90	1.9
Tetrachloroethene (PCE)	0.0	10.40	7.95	8.23	76	79	3.5
Chlorobenzene	0.0	10.60	9.50	9.52	90	90	0.2
Ethylbenzene	0.0	10.50	9.33	9.66	89	92	3.5
m & p-Xylene	0.0	21.00	17.66	18.28	84	87	3.5
o-Xylene	0.0	10.50	8.96	9.17	85	87	2.3

<sup>1</sup> Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

<sup>2</sup> The acceptable range for analyte recovery is 100±30%.

<sup>3</sup> Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022

INSTRUMENT ID : GC/MS-03

MATRIX : High Purity He or N<sub>2</sub>

ANALYST : MB

UNITS : PPB (v/v)

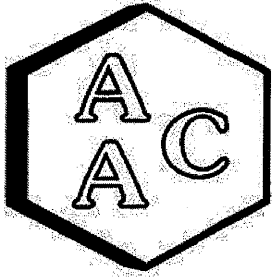
### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 041922	Reporting Limit (RL)
4-BFB (surrogate standard)	93%	100±30%
Chlorodifluoromethane	<RL	1.0
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	1.0
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	1.0
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	1.0
Chloroethane	<RL	1.0
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	2.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	1.0
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	MB 041922	Reporting Limit (RL)
1,2-Dichloropropane	<RL	0.5
Bromodichloromethane	<RL	0.5
1,4-Dioxane	<RL	1.0
Trichloroethene (TCE)	<RL	0.5
2,2,4-Trimethylpentane	<RL	0.5
Methyl Methacrylate	<RL	0.5
Heptane	<RL	0.5
cis-1,3-Dichloropropene	<RL	0.5
4-Methyl-2-pentanone (MIBK)	<RL	0.5
trans-1,3-Dichloropropene	<RL	0.5
1,1,2-Trichloroethane	<RL	0.5
Toluene	<RL	0.5
2-Hexanone (MBK)	<RL	1.0
Dibromochloromethane	<RL	0.5
1,2-Dibromoethane	<RL	0.5
Tetrachloroethene (PCE)	<RL	0.5
Chlorobenzene	<RL	0.5
Ethylbenzene	<RL	0.5
m & p-Xylene	<RL	1.0
Bromoform	<RL	0.5
Styrene	<RL	0.5
1,1,2,2-Tetrachloroethane	<RL	0.5
o-Xylene	<RL	0.5
1,2,3-Trichloropropane	<RL	0.5
Isopropylbenzene (Cumene)	<RL	0.5
α-Pinene	<RL	0.5
2-Chlorotoluene	<RL	0.5
n-Propylbenzene	<RL	0.5
4-Ethyltoluene	<RL	0.5
1,3,5-Trimethylbenzene	<RL	0.5
β-Pinene	<RL	0.5
1,2,4-Trimethylbenzene	<RL	0.5
Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
1,3-Dichlorobenzene	<RL	0.5
1,4-Dichlorobenzene	<RL	0.5
Sec-ButylBenzene	<RL	0.5
1,2-Dichlorobenzene	<RL	0.5
n-ButylBenzene	<RL	0.5
1,2-Dibromo-3-Chloropropane	<RL	0.5
1,2,4-Trichlorobenzene	<RL	0.5
Naphthalene	<RL	1.0
Hexachlorobutadiene	<RL	0.5





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022  
 MATRIX : Air  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03  
 ANALYST : MB  
 DILUTION FACTOR<sup>1</sup> : x1

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Duplicate Analysis of AAC Sample ID: CCV / LCSD

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	8.81	9.04	2.6
Chlorodifluoromethane	11.1	11.4	2.4
Propene	10.6	11.3	6.6
Dichlorodifluoromethane	11.3	11.6	2.8
Dimethyl Ether	11.3	10.9	3.2
Chloromethane	11.7	10.5	10.9
Dichlorotetrafluoroethane	8.74	9.19	5.0
Vinyl Chloride	10.4	11.3	8.0
Acetaldehyde	21.5	22.1	3.0
Methanol	16.8	17.4	3.5
1,3-Butadiene	10.8	11.5	6.2
Bromomethane	11.2	11.7	4.1
Chloroethane	10.2	10.4	1.5
Dichlorofluoromethane	10.8	11.3	4.8
Ethanol	9.93	10.1	2.0
Vinyl Bromide	11.4	11.0	3.5
Acrolein	10.7	11.9	10.5
Acetone	9.70	10.1	4.3
Trichlorofluoromethane	9.37	9.59	2.3
2-Propanol (IPA)	9.09	9.40	3.4
Acrylonitrile	10.6	11.1	4.5
1,1-Dichloroethene	9.80	10.2	3.9
Methylene Chloride (DCM)	10.6	10.5	0.7
TertButanol (TBA)	9.72	9.69	0.3
Allyl Chloride	9.57	10.0	4.8
Carbon Disulfide	10.4	10.7	2.7
Trichlorotrifluoroethane	9.35	9.82	4.9
trans-1,2-Dichloroethene	9.86	10.6	7.0
1,1-Dichloroethane	9.17	9.57	4.3
Methyl Tert Butyl Ether (MTBE)	10.5	10.5	0.2
Vinyl Acetate	9.92	10.1	1.7
2-Butanone (MEK)	9.20	9.78	6.1
cis-1,2-Dichloroethene	10.2	10.7	4.5
Hexane	12.3	11.2	9.2
Chloroform	9.39	9.66	2.8
Ethyl Acetate	9.30	9.41	1.2
Tetrahydrofuran	9.87	9.61	2.7
1,2-Dichloroethane	9.83	9.76	0.7
1,1,1-Trichloroethane	9.88	9.87	0.1
Benzene	9.78	9.78	0.0
Carbon Tetrachloride	10.1	10.0	1.1
Cyclohexane	10.5	9.53	10.1

Analyte Compounds (Continued)	Sample	Duplicate	RPD <sup>2</sup>
1,2-Dichloropropane	9.48	9.60	1.3
Bromodichloromethane	9.65	9.74	0.9
1,4-Dioxane	9.34	9.93	6.1
Trichloroethene (TCE)	9.46	9.73	2.8
2,2,4-Trimethylpentane	9.88	9.80	0.8
Methyl Methacrylate	10.0	10.2	1.6
Heptane	9.59	9.36	2.4
cis-1,3-Dichloropropene	9.59	9.48	1.2
4-Methyl-2-pentanone (MiBK)	10.1	10.5	3.2
trans-1,3-Dichloropropene	9.43	9.68	2.6
1,1,2-Trichloroethane	9.50	9.63	1.4
Toluene	9.72	9.54	1.9
2-Hexanone (MBK)	10.4	10.4	0.2
Dibromochloromethane	9.24	9.33	1.0
1,2-Dibromoethane	9.45	9.65	2.1
Tetrachloroethene (PCE)	7.95	8.23	3.5
Chlorobenzene	9.50	9.52	0.2
Ethylbenzene	9.33	9.66	3.5
m & p-Xylene	17.7	18.3	3.5
Bromoform	8.81	8.95	1.6
Styrene	9.56	9.47	0.9
1,1,2,2-Tetrachloroethane	9.05	9.23	2.0
o-Xylene	8.96	9.17	2.3
1,2,3-Trichloropropane	9.84	10.4	5.2
Isopropylbenzene (Cumene)	9.25	9.43	1.9
α-Pinene	9.60	9.71	1.1
2-Chlorotoluene	9.22	9.59	3.9
n-Propylbenzene	8.92	9.10	2.0
4-Ethyltoluene	8.86	9.36	5.5
1,3,5-Trimethylbenzene	8.78	9.10	3.6
β-Pinene	9.19	9.60	4.4
1,2,4-Trimethylbenzene	8.82	9.18	4.0
Benzyl Chloride (a-Chlorotoluene)	9.61	9.92	3.2
1,3-Dichlorobenzene	8.85	9.34	5.4
1,4-Dichlorobenzene	8.46	8.92	5.3
Sec-ButylBenzene	8.76	9.09	3.7
1,2-Dichlorobenzene	8.71	9.07	4.0
n-ButylBenzene	9.08	9.23	1.6
1,2-Dibromo-3-Chloropropane	8.68	8.67	0.1
1,2,4-Trichlorobenzene	10.7	11.2	4.2
Naphthalene	12.5	13.2	4.8
Hexachlorobutadiene	9.60	9.64	0.4

<sup>1</sup> Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

<sup>2</sup> Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

