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

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

Client ID	NUI			Sample Reporting Limit (SRL) (MRLxDF's)	NUI DUP			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	220835-30316				220835-30317				
Date Sampled	04/17/2022				04/17/2022				
Date Analyzed	04/19/2022				04/19/2022				
Can Dilution Factor	1.52				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
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

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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

Client ID	NUI			Sample Reporting Limit (SRL) (MRLxDF's)	NUI DUP			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	220835-30316				220835-30317				
Date Sampled	04/17/2022				04/17/2022				
Date Analyzed	04/19/2022				04/19/2022				
Can Dilution Factor	1.52				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
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.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022
MATRIX : High Purity N_2
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

Continuing Calibration Verification of the 04/15/2022 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
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*[1]	*CCV*[2]	*% Recovery*[3]
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

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022
MATRIX : High Purity N_2
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

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
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

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/19/2022 | **INSTRUMENT ID : GC/MS-03**
MATRIX : High Purity He or N_2 | **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

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[1] : x1

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: CCV / LCSD

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
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*[2]
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

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)