

Atmospheric Analysis & Consulting, Inc.

CLIENT : Yorke Engineering
PROJECT NAME : Ninyo & Moore Odor Sampling & Analysis
PROJECT NO. : 0357-007-01
AAC PROJECT NO. : 210070
REPORT DATE : 1/15/2021

On January 12, 2021, Atmospheric Analysis & Consulting, Inc. received two (2) six-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

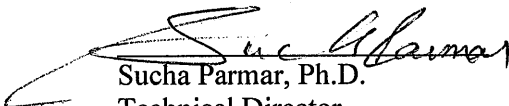
Client ID	Lab ID	Return Pressure (mmHg)
FS 55	210070-15955	761.8
Rattlesnake	210070-15957	725.7

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

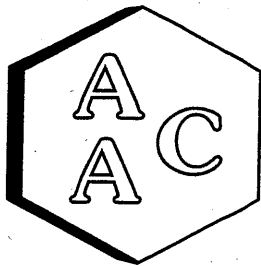
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

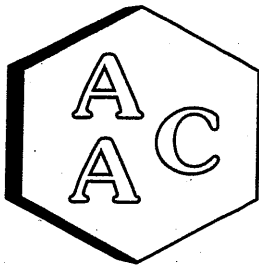
CLIENT : Yorke Engineering
PROJECT NO : 210070
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/12/2021
DATE REPORTED : 01/15/2021
ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		FS 55			Sample Reporting Limit (SRL) (MRLxDF's)	Rattlesnake			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		210070-15955				210070-15957				
Date Sampled		01/06/2021				01/07/2021				
Date Analyzed		01/14/2021				01/14/2021				
Can Dilution Factor		1.33			1.40					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Propene	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
Dichlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Dimethyl Ether	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Chloromethane	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
Dichlorotetrafluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Vinyl Chloride	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Acetaldehyde	12.8		1	2.67	18.8		1	2.81	2.0	
Methanol	29.8		1	6.67	12.9		1	7.01	5.0	
1,3-Butadiene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Bromomethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Chloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Dichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Ethanol	106		1	2.67	95.9		1	2.81	2.0	
Vinyl Bromide	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Acrolein	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
Acetone	9.42		1	2.67	13.0		1	2.81	2.0	
Trichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
2-Propanol (IPA)	35.6		1	2.67	24.9		1	2.81	2.0	
Acrylonitrile	<SRL	U	1	2.67	<SRL	U	1	2.81	2.0	
1,1-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Methylene Chloride (DCM)	1.49		1	1.33	<SRL	U	1	1.40	1.0	
TertButanol (TBA)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Allyl Chloride	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
Carbon Disulfide	<SRL	U	1	2.67	<SRL	U	1	2.81	2.0	
Trichlorotrifluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
trans-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
1,1-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Vinyl Acetate	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
2-Butanone (MEK)	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0	
cis-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Hexane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Chloroform	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Ethyl Acetate	0.91		1	0.67	<SRL	U	1	0.70	0.5	
Tetrahydrofuran	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
1,2-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
1,1,1-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5	
Benzene	1.53		1	0.67	1.59		1	0.70	0.5	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Yorke Engineering
 PROJECT NO : 210070
 MATRIX : AIR
 UNITS : PPB (v/v)

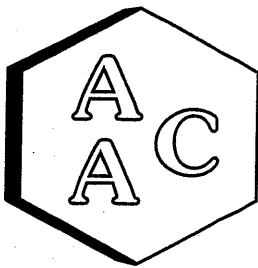
DATE RECEIVED : 01/12/2021
 DATE REPORTED : 01/15/2021
 ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	FS 55			Sample Reporting Limit (SRL) (MRLxDF's)	Rattlesnake			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	AAC ID	Date Sampled	Date Analyzed		Can Dilution Factor	210070-15955	01/07/2021		
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Cyclohexane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2-Dichloropropane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Bromodichloromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,4-Dioxane	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0
Trichloroethene (TCE)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
2,2,4-Trimethylpentane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Methyl Methacrylate	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Heptane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
cis-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
4-Methyl-2-pentanone (MIBK)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
trans-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,1,2-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Toluene	1.49		1	0.67	0.86		1	0.70	0.5
2-Hexanone (MBK)	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0
Dibromochloromethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2-Dibromoethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Tetrachloroethene (PCE)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Chlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Ethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
m & p-Xylene	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0
Bromoform	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Styrene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
o-Xylene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2,3-Trichloropropane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Isopropylbenzene (Cumene)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
α-Pinene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
2-Chlorotoluene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
n-Propylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
4-Ethyltoluene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,3,5-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
β-Pinene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2,4-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Benzyl Chloride (α-Chlorotoluene)	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,3-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,4-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
Sec-ButylBenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
n-ButylBenzene	<SRL	U	1	1.33	<SRL	U	1	1.40	1.0
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
1,2,4-Trichlorobenzene	<SRL	U	1	2.67	<SRL	U	1	2.81	2.0
Naphthalene	<SRL	U	1	6.67	<SRL	U	1	7.01	5.0
Hexachlorobutadiene	<SRL	U	1	0.67	<SRL	U	1	0.70	0.5
MBFB-Surrogate Std. % Recovery		98%			91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021
 MATRIX : High Purity N₂
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
 CALIBRATION STD ID : PS010521-03
 ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/07/2021 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	10.00	8.74	87
Chlorodifluoromethane	10.70	8.66	81
Propene	11.00	10.77	98
Dichlorodifluoromethane	10.30	8.49	82
Dimethyl Ether	10.70	8.63	81
Chloromethane	10.60	8.44	80
Dichlorotetrafluoroethane	10.20	8.92	87
Vinyl Chloride	10.50	9.06	86
Acetaldehyde	19.80	21.01	106
Methanol	16.80	15.69	93
1,3-Butadiene	10.90	9.32	86
Bromomethane	10.60	13.02	123
Chloroethane	10.20	8.26	81
Dichlorofluoromethane	10.40	8.56	82
Ethanol	10.20	8.58	84
Vinyl Bromide	10.60	9.43	89
Acrolein	11.00	9.20	84
Acetone	10.50	8.51	81
Trichlorofluoromethane	10.50	8.79	84
2-Propanol (IPA)	9.80	10.33	105
Acrylonitrile	11.50	9.77	85
1,1-Dichloroethene	10.80	10.42	96
Methylene Chloride (DCM)	10.90	9.21	84
TertButanol (TBA)	10.50	9.42	90
Allyl Chloride	10.60	9.92	94
Carbon Disulfide	10.20	9.23	90
Trichlorotrifluoroethane	10.90	9.45	87
trans-1,2-Dichloroethene	10.30	9.26	90
1,1-Dichloroethane	10.40	9.04	87
Methyl Tert Butyl Ether (MTBE)	11.00	9.65	88
Vinyl Acetate	11.00	9.57	87
2-Butanone (MEK)	10.60	9.24	87
cis-1,2-Dichloroethene	10.70	9.76	91
Hexane	11.00	9.90	90
Chloroform	10.80	9.64	89
Ethyl Acetate	10.80	9.58	89
Tetrahydrofuran	10.30	8.74	85
1,2-Dichloroethane	10.80	9.56	89
1,1,1-Trichloroethane	10.70	9.50	89
Benzene	10.80	8.82	82
Carbon Tetrachloride	10.80	10.19	94
Cyclohexane	10.80	10.61	98

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³	
1,2-Dichloropropane	10.80	10.10	94	
Bromodichloromethane	9.90	9.36	95	
1,4-Dioxane	9.90	9.89	100	
Trichloroethene (TCE)	9.90	9.65	97	
2,2,4-Trimethylpentane	10.70	10.20	95	
Methyl Methacrylate	10.60	10.94	103	
Heptane	10.80	10.35	96	
cis-1,3-Dichloropropene	10.40	10.66	103	
4-Methyl-2-pentanone (MiBK)	10.40	10.29	99	
trans-1,3-Dichloropropene	10.20	10.10	99	
1,1,2-Trichloroethane	10.90	10.61	97	
Toluene	11.00	10.28	93	
2-Hexanone (MBK)	10.10	10.83	107	
Dibromochloromethane	10.40	10.37	100	
1,2-Dibromoethane	10.90	10.77	99	
Tetrachloroethene (PCE)	10.60	10.35	98	
Chlorobenzene	10.80	10.31	95	
Ethylbenzene	10.90	10.60	97	
m & p-Xylene	21.20	18.37	87	
Bromoform	10.60	10.66	101	
Styrene	10.80	9.70	90	
1,1,2,2-Tetrachloroethane	10.70	10.49	98	
o-Xylene	10.70	9.09	85	
1,2,3-Trichloropropane	10.70	10.80	101	
Isopropylbenzene (Cumene)	10.70	10.27	96	
α-Pinene	11.60	12.22	105	
2-Chlorotoluene	10.70	9.43	88	
n-Propylbenzene	10.10	9.34	92	
4-Ethyltoluene	10.70	8.75	82	
1,3,5-Trimethylbenzene	10.60	8.29	78	
β-Pinene	9.30	11.64	125	
1,2,4-Trimethylbenzene	10.50	8.91	85	
Benzyl Chloride (a-Chlorotoluene)	10.20	9.55	94	
1,3-Dichlorobenzene	10.20	8.70	85	
1,4-Dichlorobenzene	10.60	9.29	88	
Sec-ButylBenzene	10.70	8.86	83	
1,2-Dichlorobenzene	10.60	9.01	85	
n-ButylBenzene	10.30	8.11	79	
1,2-Dibromo-3-Chloropropane	10.20	9.92	97	
1,2,4-Trichlorobenzene	10.90	8.11	74	
Naphthalene	LR	11.00	7.26	66
Hexachlorobutadiene	10.90	9.44	87	

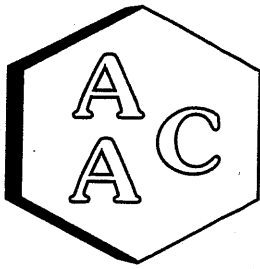
¹ Concentration of analyte compound in certified source standard.

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

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

LR - Recovery for this compound was low. Results should be consider estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03

CALIBRATION STD ID : PS010521-03

ANALYST : MB/RC

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

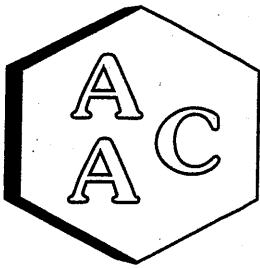
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS¹ Recovery</i>	<i>LCSD¹ Recovery</i>	<i>LCS¹ % Recovery²</i>	<i>LCSD¹ % Recovery²</i>	<i>RPD³</i>
4-BFB (surrogate standard)	0.0	10.00	8.74	8.74	87.4	87.4	0.0
1,1-Dichloroethene	0.0	10.80	10.42	10.54	96	98	1.1
Methylene Chloride (DCM)	0.0	10.90	9.21	9.09	84	83	1.3
Benzene	0.0	10.80	8.82	8.87	82	82	0.6
Trichloroethene (TCE)	0.0	9.90	9.65	9.43	97	95	2.3
Toluene	0.0	11.00	10.28	10.45	93	95	1.6
Tetrachloroethene (PCE)	0.0	10.60	10.35	10.26	98	97	0.9
Chlorobenzene	0.0	10.80	10.31	10.92	95	101	5.7
Ethylbenzene	0.0	10.90	10.60	11.37	97	104	7.0
m & p-Xylene	0.0	21.20	18.37	19.44	87	92	5.7
o-Xylene	0.0	10.70	9.09	9.66	85	90	6.1

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%).





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021

INSTRUMENT ID : GC/MS-03

MATRIX : High Purity He or N₂

ANALYST : MB/RC

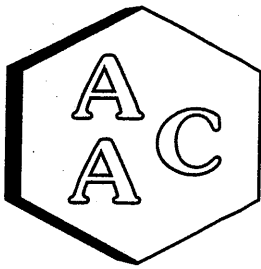
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 011421	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 011421	Reporting Limit (RL)
4-BFB (surrogate standard)	89%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	1.0	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	2.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	2.0	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	1.0	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-Butylbenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-Butylbenzene	<RL	1.0
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	2.0
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	5.0
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021
 MATRIX : Air
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
 ANALYST : MB/RC
 DILUTION FACTOR¹ : x76.74

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 210011-15714

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	9.94	10.30	3.6
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	4540.00	4540.00	0.0
Dichlorodifluoromethane	134.00	127.00	5.4
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	52.20	49.90	4.5
Vinyl Chloride	328.00	315.00	4.0
Acetaldehyde	<SRL	<SRL	NA
Methanol	<SRL	<SRL	NA
1,3-Butadiene	130.00	137.00	5.2
Bromomethane	<SRL	<SRL	NA
Chloroethane	39.90	46.00	14.2
Dichlorofluoromethane	40.70	38.40	5.8
Ethanol	J 149.00	137.00	8.4
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	269.00	277.00	2.9
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	<SRL	<SRL	NA
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	729.00	700.00	4.1
TertButanol (TBA)	453.00	418.00	8.0
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	<SRL	<SRL	NA
Trichlorotrifluoroethane	<SRL	<SRL	NA
trans-1,2-Dichloroethene	<SRL	<SRL	NA
1,1-Dichloroethane	277.00	256.00	7.9
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	NA
Vinyl Acetate	134.00	122.00	9.4
2-Butanone (MEK)	<SRL	<SRL	NA
cis-1,2-Dichloroethene	149.00	144.00	3.4
Hexane	1700.00	1620.00	4.8
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	402.00	399.00	0.7
1,2-Dichloroethane	48.30	46.80	3.2
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	1050.00	1150.00	9.1
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	2980.00	3120.00	4.6

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<SRL	<SRL	NA
Bromodichloromethane	<SRL	<SRL	NA
1,4-Dioxane	<SRL	<SRL	NA
Trichloroethene (TCE)	92.10	91.30	0.9
2,2,4-Trimethylpentane	230.00	232.00	0.9
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	1140.00	1030.00	10.1
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MIBK)	77.50	74.40	4.1
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	2570.00	2660.00	3.4
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	230.00	233.00	1.3
Chlorobenzene	162.00	166.00	2.4
Ethylbenzene	2060.00	2300.00	11.0
m & p-Xylene	2230.00	2300.00	3.1
Bromoform	<SRL	<SRL	NA
Styrene	74.40	78.30	5.1
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	965.00	1080.00	11.2
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	403.00	432.00	6.9
α-Pinene	2680.00	2980.00	10.6
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	370.00	394.00	6.3
4-Ethyltoluene	204.00	230.00	12.0
1,3,5-Trimethylbenzene	309.00	380.00	20.6
β-Pinene	<SRL	<SRL	NA
1,2,4-Trimethylbenzene	916.00	1040.00	12.7
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	354.00	394.00	10.7
Sec-ButylBenzene	<SRL	<SRL	NA
1,2-Dichlorobenzene	<SRL	<SRL	NA
n-ButylBenzene	111.00	128.00	14.2
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	NA
1,2,4-Trichlorobenzene	<SRL	<SRL	NA
Naphthalene	797.00	835.00	4.7
Hexachlorobutadiene	<SRL	<SRL	NA

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)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.





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AAC Project No. 210070 Page of

CHAIN OF CUSTODY/ ANALYSIS REQUEST FORM

Client Name Ninyo & Moore			Project Name Odor Sampling & Analysis			Analysis Requested			Send report: Attn: Bipul Saraf E-Mail - Bsaraf@YorkeEngr.com Phone#: 949-444-8063 Fax# _____
Project Mgr. (Print Name) Keith Gilbert			Project Number 0357-007-01			EPA TO- 15	SCAQMD 307-91	EPA TO_ 11A	
Sampler's Name (Print Name) Bipul K. Saraf			Sampler's Signature <i>Bipul K. Saraf</i>						
AAC Sample No.	Date Samp led	Time Sampled	Sample Type	Client Sample ID/Description	Type/No. of Containers				
15955	1/6	1303-1303	Canister	FS 55	1	X	X		
15956	1/6	1312-1312	CARTRIDGE	FS 55	1			X	
15957	1/7	1303-1303	Canister	Rattlesnake	1	X	X		
15958	1/7	1312-1312	CARTRIDGE	Rattlesnake	1			X	
Relinquished by (Signature): <i>Bipul K. Saraf</i>	Print Name: Bipul K. Saraf	Date/Time: 1/8/2021 15:30 PM	Received by (signature): [Signature]	Print Name					
Relinquished by (Signature):	Print Name:	Date/Time:	Received by (signature): <i>[Signature]</i>	Print Name: Colonel Kumar					

Send invoice to:

Attn: Accounting@YorkeEngr.com

P.O. # _____

Special Instructions/remarks:
Please report all compounds including aldehyde per TO-15. Include all compounds per SCAQMD 307-91.

FOX: 3x cans (1d unlined) + 3x Encechs 5.9°C 10?