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 (mmHga)
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.

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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

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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		
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 (a-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
BFB-Surrogate Std. % Recovery		98%				91%			70-130%

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021
MATRIX : High Purity N_2
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.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021
MATRIX : High Purity N_2
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

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	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%).

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2021 | **INSTRUMENT ID : GC/MS-03**

MATRIX : High Purity He or N_2 | **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)*
4-BFB (surrogate standard)	89%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	1.0
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	2.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
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 011421*	*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	1.0
1,2-Dibromo-3-Chloropropane	<RL	0.5
1,2,4-Trichlorobenzene	<RL	2.0
Naphthalene	<RL	5.0
Hexachlorobutadiene	<RL	0.5

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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 FACTOR[1] : 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. 21070 Page ____ of ____

CHAIN OF CUSTODY/ ANALYSIS REQUEST FORM

Client Name Ninyo & Moore			Project Name Odor Sampling & Analysis			Analysis Requested				Send report:
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: Bipul K. Saraf							Attn: Bipul Saraf E-Mail – Bsaraf@YorkeEngr.com Phone#: 949-444-8063 Fax#_____
AAC Sample No.	Date Sampled	Time Sampled	Sample Type	Client Sample ID/Description	Type/No. of Containers					Send invoice to:
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			Attn: Accounting@YorkeEngr.com
15958	1/7	1312-1312	CARTRIDGE	Rattlesnake	1			X		P.O. # _____
										Special Instructions/remarks: Please report all compounds including aldehyde per TO-15. Include all compounds per SCAQMD 307-91.
Relinquished by (Signature): Bipul K. Saraf	Print Name:	Date/Time 1/8/2021 15:30 PM	Received by (signature): Print Name							
Relinquished by (Signature):	Print Name:	Date/Time	Received by (signature): Print Name	Federal Express 1433						

FX: 3x cans (1x unused) + 3x Encochs 5.9°C 907