Atmospheric Analysis & Consulting, Inc.

CLIENT : Sacramento Metropolitan AQMD
PROJECT NAME : AB617 VOC Analysis
PROJECT NO. : Contract 2023-00000016
AAC PROJECT NO. : 232290
REPORT DATE : 11/22/2023

On November 06, 2023, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters for hydrocarbons analysis (C_2-C_{12}) PAMS Protocol by GC/MS/FID. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Receipt Pressure (mm Hg)
617Fern	232290-50938	1261.0
617Fern	232290-50939	1336.0
617Fern	232290-50940	1270.0
617Fern	232290-50941	1241.0
617Fern	232290-50942	1231.5
617Fern	232290-50943	73.5

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD 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 23 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50938				232290-50939				
Date Sampled	10/09/2023				10/09/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50
Acetylene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50
Ethane	1.09		1	0.50	1.27		1	0.50	0.50
Propylene	<SRL	U	1	0.33	<SRL	U	1	0.33	0.33
Propane	0.36		1	0.33	0.35		1	0.33	0.33
Isobutane	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
1-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
n-Butane	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
trans-2-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
cis-2-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
Isopentane	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
1-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
n-Pentane	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
Isoprene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
trans-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
cis-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
2,2-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
Cyclopentane	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
2,3-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2-Methylpentane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
3-Methylpentane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
1-Hexene	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
n-Hexane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
Methylcyclopentane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2,4-Dimethylpentane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
Benzene	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
Cyclohexane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2-Methylhexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,3-Dimethylpentane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
3-Methylhexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,2,4-Trimethylpentane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
n-Heptane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
Methylcyclohexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,3,4-Trimethylpentane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50938				232290-50939				
Date Sampled	10/09/2023				10/09/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
3-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
n-Octane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Ethylbenzene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
m/p-Xylenes	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Styrene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
o-Xylene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Nonane	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
Isopropylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
n-Propylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
m-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
p-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
1,3,5-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
o-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
1,2,4-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
n-Decane	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
1,2,3-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
m-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
p-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
n-Undecane	<SRL	U	1	0.09	<SRL	U	1	0.09	0.09
n-Dodecane	<SRL	U	1	0.08	<SRL	U	1	0.08	0.08

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50938				232290-50939				
Date Sampled	10/09/2023				10/09/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Acetylene	<SRL	U	1	0.53	<SRL	U	1	0.53	0.53
Ethane	1.33		1	0.61	1.56		1	0.61	0.61
Propylene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Propane	0.65		1	0.60	0.62		1	0.60	0.60
Isobutane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
1-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Butane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
trans-2-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
cis-2-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Isopentane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
1-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Pentane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
Isoprene	<SRL	U	1	0.56	<SRL	U	1	0.56	0.56
trans-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
cis-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,2-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
Cyclopentane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,3-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
2-Methylpentane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
3-Methylpentane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
1-Hexene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Hexane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
Methylcyclopentane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,4-Dimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Benzene	<SRL	U	1	0.53	<SRL	U	1	0.53	0.53
Cyclohexane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2-Methylhexane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
2,3-Dimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
3-Methylhexane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
2,2,4-Trimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
n-Heptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Methylcyclohexane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,3,4-Trimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50938				232290-50939				
Date Sampled	10/09/2023				10/09/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
2-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
3-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
n-Octane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Ethylbenzene	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
m/p-Xylenes	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
Styrene	<SRL	U	1	0.53	<SRL	U	1	0.53	0.53
o-Xylene	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
Nonane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Isopropylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Propylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
m-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
p-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
1,3,5-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
o-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
1,2,4-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Decane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
1,2,3-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
m-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
p-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Undecane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
n-Dodecane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50940				232290-50941				
Date Sampled	10/15/2023				10/21/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50
Acetylene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50
Ethane	4.19		1	0.50	1.59		1	0.50	0.50
Propylene	<SRL	U	1	0.33	<SRL	U	1	0.33	0.33
Propane	1.94		1	0.33	0.51		1	0.33	0.33
Isobutane	0.36		1	0.25	<SRL	U	1	0.25	0.25
1-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
n-Butane	0.68		1	0.25	<SRL	U	1	0.25	0.25
trans-2-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
cis-2-Butene	<SRL	U	1	0.25	<SRL	U	1	0.25	0.25
Isopentane	0.76		1	0.20	<SRL	U	1	0.20	0.20
1-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
n-Pentane	0.36		1	0.20	<SRL	U	1	0.20	0.20
Isoprene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
trans-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
cis-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
2,2-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
Cyclopentane	<SRL	U	1	0.20	<SRL	U	1	0.20	0.20
2,3-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2-Methylpentane	0.29		1	0.17	<SRL	U	1	0.17	0.17
3-Methylpentane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
1-Hexene	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
n-Hexane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
Methylcyclopentane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2,4-Dimethylpentane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
Benzene	0.19		1	0.17	<SRL	U	1	0.17	0.17
Cyclohexane	<SRL	U	1	0.17	<SRL	U	1	0.17	0.17
2-Methylhexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,3-Dimethylpentane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
3-Methylhexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,2,4-Trimethylpentane	0.13		1	0.13	<SRL	U	1	0.13	0.13
n-Heptane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
Methylcyclohexane	<SRL	U	1	0.14	<SRL	U	1	0.14	0.14
2,3,4-Trimethylpentane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50940				232290-50941				
Date Sampled	10/15/2023				10/21/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	0.30		1	0.14	0.16		1	0.14	0.14
2-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
3-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
n-Octane	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Ethylbenzene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
m/p-Xylenes	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Styrene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
o-Xylene	<SRL	U	1	0.13	<SRL	U	1	0.13	0.13
Nonane	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
Isopropylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
n-Propylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
m-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
p-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
1,3,5-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
o-Ethyltoluene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
1,2,4-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
n-Decane	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
1,2,3-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	0.11	0.11
m-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
p-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	0.10	0.10
n-Undecane	<SRL	U	1	0.09	<SRL	U	1	0.09	0.09
n-Dodecane	<SRL	U	1	0.08	<SRL	U	1	0.08	0.08

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50940				232290-50941				
Date Sampled	10/15/2023				10/21/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Acetylene	<SRL	U	1	0.53	<SRL	U	1	0.53	0.53
Ethane	5.14		1	0.61	1.95		1	0.61	0.61
Propylene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Propane	3.49		1	0.60	0.92		1	0.60	0.60
Isobutane	0.86		1	0.59	<SRL	U	1	0.59	0.59
1-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Butane	1.62		1	0.59	<SRL	U	1	0.59	0.59
trans-2-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
cis-2-Butene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
Isopentane	2.24		1	0.59	<SRL	U	1	0.59	0.59
1-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Pentane	1.06		1	0.59	<SRL	U	1	0.59	0.59
Isoprene	<SRL	U	1	0.56	<SRL	U	1	0.56	0.56
trans-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
cis-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,2-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
Cyclopentane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,3-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
2-Methylpentane	1.01		1	0.59	<SRL	U	1	0.59	0.59
3-Methylpentane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
1-Hexene	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
n-Hexane	<SRL	U	1	0.59	<SRL	U	1	0.59	0.59
Methylcyclopentane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,4-Dimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Benzene	0.60		1	0.53	<SRL	U	1	0.53	0.53
Cyclohexane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2-Methylhexane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
2,3-Dimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
3-Methylhexane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
2,2,4-Trimethylpentane	0.59		1	0.58	<SRL	U	1	0.58	0.58
n-Heptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Methylcyclohexane	<SRL	U	1	0.57	<SRL	U	1	0.57	0.57
2,3,4-Trimethylpentane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50940				232290-50941				
Date Sampled	10/15/2023				10/21/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				1.00				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	1.14		1	0.54	0.60		1	0.54	0.54
2-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
3-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
n-Octane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Ethylbenzene	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
m/p-Xylenes	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
Styrene	<SRL	U	1	0.53	<SRL	U	1	0.53	0.53
o-Xylene	<SRL	U	1	0.54	<SRL	U	1	0.54	0.54
Nonane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
Isopropylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Propylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
m-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
p-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
1,3,5-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
o-Ethyltoluene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
1,2,4-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Decane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
1,2,3-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
m-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
p-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	0.55	0.55
n-Undecane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58
n-Dodecane	<SRL	U	1	0.58	<SRL	U	1	0.58	0.58

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50942				232290-50943				
Date Sampled	10/27/2023				10/27/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				14.46				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.50	<SRL	U	1	7.23	0.50
Acetylene	<SRL	U	1	0.50	<SRL	U	1	7.23	0.50
Ethane	3.11		1	0.50	<SRL	U	1	7.23	0.50
Propylene	<SRL	U	1	0.33	<SRL	U	1	4.82	0.33
Propane	2.90		1	0.33	9.64		1	4.82	0.33
Isobutane	0.51		1	0.25	8.42		1	3.62	0.25
1-Butene	<SRL	U	1	0.25	<SRL	U	1	3.62	0.25
n-Butane	1.07		1	0.25	5.57		1	3.62	0.25
trans-2-Butene	<SRL	U	1	0.25	<SRL	U	1	3.62	0.25
cis-2-Butene	<SRL	U	1	0.25	<SRL	U	1	3.62	0.25
Isopentane	0.89		1	0.20	12.6		1	2.89	0.20
1-Pentene	<SRL	U	1	0.20	<SRL	U	1	2.89	0.20
n-Pentane	0.44		1	0.20	<SRL	U	1	2.89	0.20
Isoprene	<SRL	U	1	0.20	<SRL	U	1	2.89	0.20
trans-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	2.89	0.20
cis-2-Pentene	<SRL	U	1	0.20	<SRL	U	1	2.89	0.20
2,2-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
Cyclopentane	<SRL	U	1	0.20	<SRL	U	1	2.89	0.20
2,3-Dimethylbutane	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
2-Methylpentane	0.33		1	0.17	<SRL	U	1	2.41	0.17
3-Methylpentane	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
1-Hexene	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
n-Hexane	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
Methylcyclopentane	<SRL	U	1	0.17	<SRL	U	1	2.41	0.17
2,4-Dimethylpentane	<SRL	U	1	0.14	<SRL	U	1	2.07	0.14
Benzene	0.23		1	0.17	<SRL	U	1	2.41	0.17
Cyclohexane	<SRL	U	1	0.17	18.1		1	2.41	0.17
2-Methylhexane	<SRL	U	1	0.14	4.09		1	2.07	0.14
2,3-Dimethylpentane	<SRL	U	1	0.14	3.16		1	2.07	0.14
3-Methylhexane	<SRL	U	1	0.14	6.36		1	2.07	0.14
2,2,4-Trimethylpentane	0.13		1	0.13	5.75		1	1.81	0.13
n-Heptane	<SRL	U	1	0.14	8.33		1	2.07	0.14
Methylcyclohexane	<SRL	U	1	0.14	28.7		1	2.07	0.14
2,3,4-Trimethylpentane	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ppb (v/v)

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50942				232290-50943				
Date Sampled	10/27/2023				10/27/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				14.46				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	0.37		1	0.14	7.85		1	2.07	0.14
2-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13
3-Methylheptane	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13
n-Octane	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13
Ethylbenzene	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13
m/p-Xylenes	0.17		1	0.13	3.16		1	1.81	0.13
Styrene	<SRL	U	1	0.13	<SRL	U	1	1.81	0.13
o-Xylene	<SRL	U	1	0.13	3.02		1	1.81	0.13
Nonane	<SRL	U	1	0.11	<SRL	U	1	1.61	0.11
Isopropylbenzene	<SRL	U	1	0.11	<SRL	U	1	1.61	0.11
n-Propylbenzene	<SRL	U	1	0.11	4.89		1	1.61	0.11
m-Ethyltoluene	<SRL	U	1	0.11	12.8		1	1.61	0.11
p-Ethyltoluene	<SRL	U	1	0.11	5.54		1	1.61	0.11
1,3,5-Trimethylbenzene	<SRL	U	1	0.11	4.89		1	1.61	0.11
o-Ethyltoluene	<SRL	U	1	0.11	3.97		1	1.61	0.11
1,2,4-Trimethylbenzene	<SRL	U	1	0.11	11.8		1	1.61	0.11
n-Decane	<SRL	U	1	0.10	<SRL	U	1	1.45	0.10
1,2,3-Trimethylbenzene	<SRL	U	1	0.11	<SRL	U	1	1.61	0.11
m-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	1.45	0.10
p-Diethylbenzene	<SRL	U	1	0.10	<SRL	U	1	1.45	0.10
n-Undecane	<SRL	U	1	0.09	<SRL	U	1	1.31	0.09
n-Dodecane	<SRL	U	1	0.08	<SRL	U	1	1.21	0.08

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50942				232290-50943				
Date Sampled	10/27/2023				10/27/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				14.46				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Ethylene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
Acetylene	<SRL	U	1	0.53	<SRL	U	1	7.69	0.53
Ethane	3.82		1	0.61	<SRL	U	1	8.88	0.61
Propylene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
Propane	5.22		1	0.60	17.4		1	8.68	0.60
Isobutane	1.21		1	0.59	20.0		1	8.59	0.59
1-Butene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
n-Butane	2.54		1	0.59	13.2		1	8.59	0.59
trans-2-Butene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
cis-2-Butene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
Isopentane	2.61		1	0.59	37.1		1	8.53	0.59
1-Pentene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
n-Pentane	1.29		1	0.59	<SRL	U	1	8.53	0.59
Isoprene	<SRL	U	1	0.56	<SRL	U	1	8.05	0.56
trans-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
cis-2-Pentene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
2,2-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	8.49	0.59
Cyclopentane	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
2,3-Dimethylbutane	<SRL	U	1	0.59	<SRL	U	1	8.49	0.59
2-Methylpentane	1.17		1	0.59	<SRL	U	1	8.49	0.59
3-Methylpentane	<SRL	U	1	0.59	<SRL	U	1	8.49	0.59
1-Hexene	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
n-Hexane	<SRL	U	1	0.59	<SRL	U	1	8.49	0.59
Methylcyclopentane	<SRL	U	1	0.57	<SRL	U	1	8.29	0.57
2,4-Dimethylpentane	<SRL	U	1	0.58	<SRL	U	1	8.46	0.58
Benzene	0.72		1	0.53	<SRL	U	1	7.69	0.53
Cyclohexane	<SRL	U	1	0.57	62.2		1	8.29	0.57
2-Methylhexane	<SRL	U	1	0.58	16.7		1	8.46	0.58
2,3-Dimethylpentane	<SRL	U	1	0.58	12.9		1	8.46	0.58
3-Methylhexane	<SRL	U	1	0.58	26.0		1	8.46	0.58
2,2,4-Trimethylpentane	0.62		1	0.58	26.8		1	8.44	0.58
n-Heptane	<SRL	U	1	0.58	34.1		1	8.46	0.58
Methylcyclohexane	<SRL	U	1	0.57	115		1	8.29	0.57
2,3,4-Trimethylpentane	<SRL	U	1	0.58	<SRL	U	1	8.44	0.58

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : Sacramento Metropolitan AQMD
PROJECT NO : 232290
MATRIX : AIR
UNITS : ug/m3

DATE RECEIVED : 11/06/2023
DATE REPORTED : 11/22/2023

HYDROCARBONS (C2-C12) SPECIATED

Client ID	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	617Fern			Sample Reporting Limit (SRL) (MRLxDFs)	Method Reporting Limit (MRL)
AAC ID	232290-50942				232290-50943				
Date Sampled	10/27/2023				10/27/2023				
Date Analyzed	11/09/2023				11/09/2023				
Can Dilution Factor	1.00				14.46				
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Toluene	1.40		1	0.54	29.5		1	7.78	0.54
2-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	8.44	0.58
3-Methylheptane	<SRL	U	1	0.58	<SRL	U	1	8.44	0.58
n-Octane	<SRL	U	1	0.58	<SRL	U	1	8.44	0.58
Ethylbenzene	<SRL	U	1	0.54	<SRL	U	1	7.84	0.54
m/p-Xylenes	0.74		1	0.54	13.7		1	7.84	0.54
Styrene	<SRL	U	1	0.53	<SRL	U	1	7.69	0.53
o-Xylene	<SRL	U	1	0.54	13.1		1	7.84	0.54
Nonane	<SRL	U	1	0.58	<SRL	U	1	8.42	0.58
Isopropylbenzene	<SRL	U	1	0.55	<SRL	U	1	7.89	0.55
n-Propylbenzene	<SRL	U	1	0.55	24.0		1	7.89	0.55
m-Ethyltoluene	<SRL	U	1	0.55	62.8		1	7.89	0.55
p-Ethyltoluene	<SRL	U	1	0.55	27.2		1	7.89	0.55
1,3,5-Trimethylbenzene	<SRL	U	1	0.55	24.0		1	7.89	0.55
o-Ethyltoluene	<SRL	U	1	0.55	19.5		1	7.89	0.55
1,2,4-Trimethylbenzene	<SRL	U	1	0.55	57.8		1	7.89	0.55
n-Decane	<SRL	U	1	0.58	<SRL	U	1	8.41	0.58
1,2,3-Trimethylbenzene	<SRL	U	1	0.55	<SRL	U	1	7.89	0.55
m-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	7.93	0.55
p-Diethylbenzene	<SRL	U	1	0.55	<SRL	U	1	7.93	0.55
n-Undecane	<SRL	U	1	0.58	<SRL	U	1	8.40	0.58
n-Dodecane	<SRL	U	1	0.58	<SRL	U	1	8.39	0.58

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

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report

PAMS Calibration Verification Analysis

Initial Calibration Date : 07/20/2023
Standard ID : MS1-052223-02

Instrument ID : MS01
Analysis Date : 11/09/2023
Analyst : RB

Continuing Calibration Verification

Propane	xRF	Daily RF	RPD*
	641	611	4.8

* Must be <10%

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

Propane	Sample Conc.	0.00 ppbC	LCS	LCSD	RPD***
	Spike Added	19.4 ppbC			
	Recovery		18.5 ppbC	18.48 ppbC	0.1
	% Recovery **		95%	95%	

** Must be 80-120%
*** Must be <25%

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report

PAMS Method Blank Analysis

Matrix : Air
Units : ppbC

Instrument ID : MS01
Analysis Date : 11/09/2023
Analyst : RB

Analyte	Result	PQL
Ethylene	<PQL	1.0
Acetylene	<PQL	1.0
Ethane	<PQL	1.0
Propylene	<PQL	1.0
Propane	<PQL	1.0
Isobutane	<PQL	1.0
1-Butene	<PQL	1.0
n-Butane	<PQL	1.0
trans-2-Butene	<PQL	1.0
cis-2-Butene	<PQL	1.0
Isopentane	<PQL	1.0
1-Pentene	<PQL	1.0
n-Pentane	<PQL	1.0
Isoprene	<PQL	1.0
trans-2-Pentene	<PQL	1.0
cis-2-Pentene	<PQL	1.0
2,2-Dimethylbutane	<PQL	1.0
Cyclopentane	<PQL	1.0
2,3-Dimethylbutane	<PQL	1.0
2-Methylpentane	<PQL	1.0
3-Methylpentane	<PQL	1.0
1-Hexene	<PQL	1.0
n-Hexane	<PQL	1.0
Methylcyclopentane	<PQL	1.0
2,4-Dimethylpentane	<PQL	1.0
Benzene	<PQL	1.0
Cyclohexane	<PQL	1.0
2-Methylhexane	<PQL	1.0
2,3-Dimethylpentane	<PQL	1.0
3-Methylhexane	<PQL	1.0
2,2,4-Trimethylpentane	<PQL	1.0
n-Heptane	<PQL	1.0
Methylcyclohexane	<PQL	1.0
2,3,4-Trimethylpentane	<PQL	1.0

Analyte	Result	PQL
Toluene	<PQL	1.0
2-Methylheptane	<PQL	1.0
3-Methylheptane	<PQL	1.0
n-Octane	<PQL	1.0
Ethylbenzene	<PQL	1.0
m/p-Xylenes	<PQL	1.0
Styrene	<PQL	1.0
o-Xylene	<PQL	1.0
Nonane	<PQL	1.0
Isopropylbenzene	<PQL	1.0
n-Propylbenzene	<PQL	1.0
m-Ethyltoluene	<PQL	1.0
p-Ethyltoluene	<PQL	1.0
1,3,5-Trimethylbenzene	<PQL	1.0
o-Ethyltoluene	<PQL	1.0
1,2,4-Trimethylbenzene	<PQL	1.0
n-Decane	<PQL	1.0
1,2,3-Trimethylbenzene	<PQL	1.0
m-Diethylbenzene	<PQL	1.0
p-Diethylbenzene	<PQL	1.0
n-Undecane	<PQL	1.0
n-Dodecane	<PQL	1.0
TNMHC (ppbC)	<PQL	20

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report
PAMS Duplicate Analysis

AAC ID : 232301-50987
Matrix : Air
Units : ppbC

Analysis DF : 1
Can DF : 1.67

Instrument ID : MS01
Analysis Date : 11/09/2023
Analyst : RB

Analyte	Sample Analysis	Sample Duplicate	RPD
Ethylene	<PQL	<PQL	*NA*
Acetylene	<PQL	<PQL	*NA*
Ethane	4.70	4.71	0.2
Propylene	<PQL	<PQL	*NA*
Propane	7.89	7.92	0.4
Isobutane	<PQL	<PQL	*NA*
1-Butene	<PQL	<PQL	*NA*
n-Butane	<PQL	<PQL	*NA*
trans-2-Butene	<PQL	<PQL	*NA*
cis-2-Butene	<PQL	<PQL	*NA*
Isopentane	<PQL	<PQL	*NA*
1-Pentene	<PQL	<PQL	*NA*
n-Pentane	<PQL	<PQL	*NA*
Isoprene	<PQL	<PQL	*NA*
trans-2-Pentene	<PQL	<PQL	*NA*
cis-2-Pentene	<PQL	<PQL	*NA*
2,2-Dimethylbutane	<PQL	<PQL	*NA*
Cyclopentane	<PQL	<PQL	*NA*
2,3-Dimethylbutane	<PQL	<PQL	*NA*
2-Methylpentane	<PQL	<PQL	*NA*
3-Methylpentane	<PQL	<PQL	*NA*
1-Hexene	<PQL	<PQL	*NA*
n-Hexane	<PQL	<PQL	*NA*
Methylcyclopentane	<PQL	<PQL	*NA*
2,4-Dimethylpentane	<PQL	<PQL	*NA*
Benzene	<PQL	<PQL	*NA*
Cyclohexane	<PQL	<PQL	*NA*
2-Methylhexane	<PQL	<PQL	*NA*
2,3-Dimethylpentane	<PQL	<PQL	*NA*
3-Methylhexane	<PQL	<PQL	*NA*
2,2,4-Trimethylpentane	<PQL	<PQL	*NA*
n-Heptane	<PQL	<PQL	*NA*
Methylcyclohexane	<PQL	<PQL	*NA*
2,3,4-Trimethylpentane	<PQL	<PQL	*NA*
Toluene	<PQL	<PQL	*NA*
2-Methylheptane	<PQL	<PQL	*NA*
3-Methylheptane	<PQL	<PQL	*NA*
n-Octane	<PQL	<PQL	*NA*
Ethylbenzene	<PQL	<PQL	*NA*
m/p-Xylenes	<PQL	<PQL	*NA*
Styrene	<PQL	<PQL	*NA*
o-Xylene	<PQL	<PQL	*NA*
Nonane	<PQL	<PQL	*NA*
Isopropylbenzene	<PQL	<PQL	*NA*
n-Propylbenzene	<PQL	<PQL	*NA*
m-Ethyltoluene	<PQL	<PQL	*NA*
p-Ethyltoluene	<PQL	<PQL	*NA*

Analyte	Sample Analysis	Sample Duplicate	RPD
1,3,5-Trimethylbenzene	<PQL	<PQL	*NA*
o-Ethyltoluene	<PQL	<PQL	*NA*
1,2,4-Trimethylbenzene	<PQL	<PQL	*NA*
n-Decane	<PQL	<PQL	*NA*
1,2,3-Trimethylbenzene	<PQL	<PQL	*NA*
m-Diethylbenzene	<PQL	<PQL	*NA*
p-Diethylbenzene	<PQL	<PQL	*NA*
n-Undecane	<PQL	<PQL	*NA*
n-Dodecane	<PQL	<PQL	*NA*
Total PAMS (ppbC)	12.6	12.6	0.0
TNMHC (ppbC)	90.6	92.8	2.4

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

ATMOSPHERIC ANALYSIS & CONSULTING, INC.
1534 Eastman Avenue, Suite A
Ventura, California 93003
Phone (805) 650-1642 Fax (805) 650-1644
E-mail: info@aaclab.com

AAC Project No. 232290

CHAIN OF CUSTODY/ ANALYSIS REQUEST FORM

Client Name: Sacramento Metropolitan AQMD
Project Name: AB617 VOC Analysis
Project Mgr (Print Name): Levi Ford
Project Number: Contract 2023-00000016
Sampler's Name (Print Name): Gabriela Rico
Sampler's Signature:

Send report:
Attn: Levi Ford
Phone#: 916-307-0505

Send invoice to:
Attn: Acct Payable
P.O. # Cite contract #

Turnaround Time
24 - 48 Hr ____ 72 Hr ____
5 Day ____ Normal X

Special Instructions/remarks:

AAC Sample No.	Date Sampled	Time Sampled	Sample Type	Client Sample ID/Description	Type/No. of Containers	TO-15 extended list	TIC	PAMS C2-C12			
001809	10/09/23	00:00-24:00	VOC	~~50398~~ 617Fern 50938	Silonite 1	X	X	X			
001824	10/09/23	00:00-24:00	VOC	~~50399~~ 617Fern 50939	Silonite 1	X	X	X			
001799	10/15/23	00:00-24:00	VOC	~~50400~~ 617Fern 50940	Silonite 1	X	X	X			
001818	10/21/23	00:00-24:00	VOC	~~50401~~ 617Fern 50941	Silonite 1	X	X	X			
001853	10/27/23	00:00-24:00	VOC	~~50402~~ 617Fern 50942	Silonite 1	X	X	X			
001748	10/27/23	00:00-24:00	VOC	~~50403~~ 617Fern 50943	Silonite 1	X	X	X			
					Silonite 1						
					Silonite 1						
					Silonite 1						
					Silonite 1						
					Silonite 1						
					Silonite 1						

Relinquished by (Signature):
Print Name: G.Rico
~~10/10/2023 9:00~~ 11/02/2023 12:00
Received by (signature):
Print Name: Hunter Peterson 1645 11/6/23

Ex - 6x cans

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001809
Setup Date: ~~09/28/23~~ 10/05/23	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/09/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.00 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/10/2023	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 24.66 psia	Leak Check: PASS / FAIL

Observations/Comments: Error Status Use Can Pressure Limit Exceeded

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/5/2023	**12:00**	**G.R.**
Sample Removal	10/10/2023	**11:45**	**G.R.**

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001824
Setup Date:10/05/2023	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/09/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/10/2023	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 26.03 psia	Leak Check: PASS / FAIL

Observations/Comments: Duplicate run on 10/09

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/05/23	**12:00**	**G.R.**
Sample Removal	10/10/23	**12:00**	**G.R.**

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001799
Setup Date: 10/10/2023	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/15/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/16/23	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 25.05 psia	Leak Check: PASS / FAIL

Observations/Comments: ~~Error Status Use Can Pressure Limit Exceeded~~ GR

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/10/2023	**11:45**	**G.R.**
Sample Removal	10/17/2023	**10:20**	**G.R.**

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001818
Setup Date: 10/17/2023	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/21/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/22/23	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 24.31 psia	Leak Check: PASS / FAIL

Observations/Comments: ~~Error Status Use Can Pressure Limit Exceeded~~ GR

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/17/2023	**10:20**	**G.R.**
Sample Removal	10/23/2023	**12:00**	**G.R.**

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001853
Setup Date: 10/23/2023	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/27/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/28/23	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 24.34 psia	Leak Check: PASS / FAIL

Observations/Comments: ~~Error Status Use Can Pressure Limit Exceeded~~ CTR

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/23/2023	**12:00**	**G.R.**
Sample Removal	11/01/2023	**12:50**	**G.R.**

SMAQMD VOC Canister Data Record Sheet

Site Name: 617 Fern	AAC Sample #: 001748
Setup Date: 10/23/2023	Field Tech: G.Rico

Pre-Sampling Information:

Start Date: 10/27/2023	Start Time: 00:01 (00:00 PST)
Start Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments:

Post-Sampling Information

Stop Date: 10/28/23	Stop Time: 00:01 (00:00 PST)
Stop Pressure: 0.01 psia	Leak Check: PASS / FAIL

Observations/Comments: Did not run, Field Blank sample

Chain of Custody

ACTION	DATE	TIME	NAME
Sample Load	10/23/2023	**12:00**	**G.R.**
Sample Removal	11/01/2023	**12:50**	**G.R.**