



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr. Diamond Bar, CA 91765-4182

MONITORING AND ANALYSIS
REPORT OF LABORATORY ANALYSIS

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To: Victor Yip
Sr. Enforcement Manager
Compliance & Enforcement

Laboratory No. 1829046-01
Requested By Kraig Morris
Rule No. R402
ST No. NA
Report Created 10/24/2018

Sampling Location

HB Fire Station #5
530 Lake St.
Huntington Beach, CA 92648

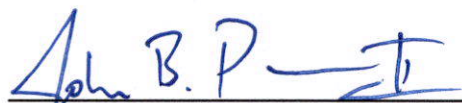
ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS, AND RESULTS

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

See attached results and sample information.

Comments: Blank subtraction performed.

Reviewed By:



Brad Parrack
Principal A.Q. Chemist
Laboratory Services

Date Reviewed:

10/24/18

Approved By:



Aaron Katzenstein, Ph.D.
Senior Manager
Laboratory Services
(909) 396-2219

Date Approved:

10/25/2018



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Laboratory No. 1829046-01

Sample Description SUMMA Canister 54575

Sample Date 10/16/2018

Received Date 10/17/2018

Analyzed Date 10/17/2018

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

Analyte, Unit	Result	MDL	MRL
CH ₄ , ppmvC	2	0.3	1
CO ₂ , ppmvC	451	0.2	2
Ethane, ppmvC	<1	0.4	1
NMNEOC, ppmvC	4	0.4	1



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Laboratory No. 1829046-01

Total Gaseous Non-Methane Non-Ethane Organic Carbon by SCAQMD Method 25.1 (GC-TCA)

QUALITY CONTROL SUMMARY

CCV1 (CC106783)

Analyte, Unit

CO, ppmvC

CH4, ppmvC

CO2, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1.49	1.92	22.56	0.43	PASS
1.91	2.02	5.63	0.11	PASS
1.82	1.57	16.00	0.25	PASS
1.94	2.03	4.43	0.09	PASS
1.81	2.03	10.75	0.22	PASS

CCV2 (CC68431)

Analyte, Unit

CO, ppmvC

CH4, ppmvC

CO2, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1032	1000	3.16	31.64	PASS
1028	1000	2.79	27.87	PASS
1049	1000	4.87	48.68	PASS
1045	1000	4.46	44.59	PASS
999	1000	0.12	1.17	PASS

CCV3 (CC106783)

Analyte, Unit

CO, ppmvC

CH4, ppmvC

CO2, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1.66	1.92	13.72	0.26	PASS
1.98	2.02	2.17	0.04	PASS
1.76	1.57	12.17	0.19	PASS
2.03	2.03	0.00	0.00	PASS
1.87	2.03	7.79	0.16	PASS

CCV4 (CC68431)

Analyte, Unit

CO, ppmvC

CH4, ppmvC

CO2, ppmvC

Ethane, ppmvC

NMNEOC, ppmvC

Measured	Theoretical	Percent Error	Absolute Difference	QC Limit ±5% or ±1
1037	1000	3.71	37.06	PASS
1031	1000	3.12	31.23	PASS
1050	1000	4.98	49.81	PASS
1049	1000	4.88	48.81	PASS
1004	1000	0.39	3.90	PASS

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

- DISTRICT INFORMATION
 INVOICE SOURCE
 LAP AUDIT

LABORATORY NO 1829046

TO: SCAQMD LAB: OTHER:
 SOURCE NAME: HB Fire Station #5 I.D. No. _____
 Source Address: 530 Lake St. City: Huntington Beach
 Mailing Address: same City: _____ Zip: 92648
 Contact Person: Andrew Merrit Title: Firefighter Tel: (714)536-5474

Analysis Requested by: Kraig Morris Date: 10/17/18
 Approved by: FRED GONZALEZ Office: C&E Budget #: 60375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Andrew Merrit Date: 10/16/18 Time: 1414

SAMPLE DESCRIPTION:

petroleum, natural gas odor. 3 out of 5.
 Sample was collected in parking lot at
 530 Lake St. (HB Fire Station #5).
 Wind were 2-3 mph out of West.

VOC Analysis
 CAN ID# 54575

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
Andrew Merrit	Kraig Morris	SCAQMD	10/16/18	1630
Kraig Morris	Iliana Garcia	SCAQMD Lab	10/17/18	0733

Remarks: