

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

Page 1 of 4

TO: Jason Low, Ph.D. Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO: <u>1616763</u>
	REFERENCE NO: <u>MSF-9-75</u>
SAMPLE DESCRIPTION: Grab Sample Canister # E0622	DATE SAMPLED: <u>06/15/16</u>
	DATE RECEIVED: <u>06/15/16</u>
	DATE ANALYZED: <u>06/23/16</u>
SAMPLE LOCATION: Maywood Fire	ANALYZED BY: <u>Brian Sinajon</u>
	REQUESTED BY: <u>Larry Israel</u>


ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Qualitative Analysis and Quantitation of Toxic Organics by Gas Chromatography(GC) -
Mass Spectrometry(MS) and Flame Ionization Detection(FID)

Note: See attached for speciated results.

Date Approved: 6/24/16

Approved By: _____


Solomon Teffera, Acting Sr. Manager
Laboratory Services Branch
(909) 396-2199

LAB NO:1616763

Location: Maywood Fire

Page 2 of 4

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Qualitative Analysis and Quantitation of Toxic Organics by Gas Chromatography(GC) -
Mass Spectrometry(MS) and Flame Ionization Detection(FID)

Sample Date 6/15/2016
Canister **E0622**
Sampling time 12:15 pm

Total NMOC, ppbC 24700

<u>Compound</u>	<u>Conc. (ppbv)</u>
acetylene+ethylene	446*
propylene	149
Freon-12	0.49
chloromethane	26
vinyl chloride	2.3
Freon-114	N.D.
1,3-butadiene	34
bromomethane	0.55
chloroethane	2.9
ethanol	1.7
2-propenal	7.8
acetone	8.4
Freon-11	0.28
isopropylalcohol	0.35
1,1-dichloroethylene	0.15
methylene chloride	2.0
carbon disulfide	N.D.
Freon-113	0.09
1,1-dichloroethane	N.D.
methyl tert butyl ether	N.D.
vinyl acetate	N.D.
2-Butanone MEK	6.4
cis-1,2-dichloroethylene	N.D.
n-hexane	16
ethylacetate	N.D.
chloroform	2.8
tetrahydrofuran	19

LAB NO:1616763

Location: Maywood Fire

Page 3 of 4

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Qualitative Analysis and Quantitation of Toxic Organics by Gas Chromatography(GC) -
Mass Spectrometry(MS) and Flame Ionization Detection(FID)

Sample Date 6/15/2016
Tedlar Bag E0622
Sampling time 12:15 pm

Total NMOC, ppbc 24700

<u>Compound</u>	<u>Conc. (ppbv)</u>
1,2-dichloroethane	1.3
1,1,1-trichloroethane	N.D.
benzene	413
carbon tetrachloride	0.73
cyclohexane	1.0
1,2-dichloropropane	0.6
bromodichloromethane	N.D.
trichloroethylene	0.2
1,4-dioxane	N.D.
methyl methacrylate	3.2
n-heptane	13
cis-1,3-dichloropropene	0.1
methyl isobutyl ketone	N.D.
trans-1,3-dichloropropene	N.D.
1,1,2-trichloroethane	N.D.
toluene	60
2-Hexanone MBK	N.D.
dibromochloromethane	N.D.
1,2-dibromoethane	N.D.
tetrachloroethylene	1.2
chlorobenzene	9.3
ethylbenzene	15
m+p-xylene	7.3
bromoform	N.D.
styrene	16
1,1,2,2-tetrachloroethane	2.1
o-xylene	19
p-ethyltoluene	3.7

LAB NO:1616763

Location: Maywood Fire

Page 4 of 4

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Qualitative Analysis and Quantitation of Toxic Organics by Gas Chromatography(GC) -
Mass Spectrometry(MS) and Flame Ionization Detection(FID)

Sample Date	6/15/2016
Canister	E0622
Sampling time	12:15 pm
Total NMOC, ppbC	24700

<u>Compound</u>	<u>Conc. (ppbv)</u>
1,3,5-trimethylbenzene	1.7
1,2,4-trimethylbenzene	3.8
benzylchloride	0.58
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	0.3
1,2-dichlorobenzene	1.2
1,2,4-trichlorobenzene	2.9
naphthalene	13
hexachloro-1,3-butadiene	N.D.

NMOC = Non-Methane Organic Compounds

N.D. = Not Detected

* = Exceeded calibration curve

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

DISTRICT
 INVOICE
 LAP AUI
LABORAT

WO #: 1616763



TO: SCAQMD LAB: OTHER:
SOURCE NAME: Panda Int'l Trading Co / Maywood Fire I.D. No. _____
Source Address: 3570 Fruitland Ave City: Maywood 90270
Mailing Address: _____ City: _____ Zip: _____
Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: _____ Date: _____
Approved by: _____ Office: _____ Budget #: _____
REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
Suspected Violation Rule(s) _____ Other

Sample Collected by: Larry Israel Date: 6/15/16 Time: 12:15

SAMPLE DESCRIPTION: Maywood Fire ER
Transcribed by SBoddeker Summa Can
See attachment for details E0622
LA Co Fire dept collected sample
@ 12:15 pmt from plume of gray smoke
15' from fire (North of fire)

REQUESTED ANALYSIS:

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Larry Israel</u>	<u>Steve Boddeker</u>	<u>Spec Monitoring</u>	<u>6/15/16</u>	<u>15:17</u>
<u>Steve Boddeker</u>	<u>Steve Dutz</u>	<u>CATC</u>	<u>6/15/16</u>	<u>18:43</u>

Remarks:

Summa Computer # E0622

Collected at 12¹⁵-PM 6/15/16

by LACO Fire Dept. Firemen Vicente Casas

105
From plume of gray smoke 15' from
Street inside fire damaged structure
at 3570 Fruitland Ave, Maywood

Relinquished

to Inspector Lawrence B. Israel

at 12³⁰-PM Lawrence B. Israel

↓

15¹⁷-hrs. Relinquished to

Steve Boddeker

Steve Boddeker