

12/3/2019  
Ms. Jesse Miller  
CAMSCO  
6732 Mayard

Houston TX 77041

Project Name:  
Project #:  
Workorder #: 1911541

Dear Ms. Jesse Miller

The following report includes the data for the above referenced project for sample(s) received on 11/22/2019 at Air Toxics Ltd.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics Inc. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott  
Project Manager

**WORK ORDER #: 1911541**

Work Order Summary

<b>CLIENT:</b>	Ms. Jesse Miller CAMSCO 6732 Mayard Houston, TX 77041	<b>BILL TO:</b>	Mr. Jason Robles CAMSCO 6732 Mayard Houston, TX 77041
<b>PHONE:</b>	713-983-0200	<b>P.O. #</b>	
<b>FAX:</b>		<b>PROJECT #</b>	
<b>DATE RECEIVED:</b>	11/22/2019	<b>CONTACT:</b>	Ausha Scott
<b>DATE COMPLETED:</b>	12/03/2019		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	1117688-01-009-R	EPA Method 325B
02A	1117696-01-009-D	EPA Method 325B
03A	1117705-02-009-R	EPA Method 325B
04A	1117712-03-009-R	EPA Method 325B
05A	1117719-04-009-R	EPA Method 325B
06A	1117734-05-009-R	EPA Method 325B
07A	1117749-06-009-R	EPA Method 325B
08A	1117751-06-009-B	EPA Method 325B
09A	1117767-07-009-R	EPA Method 325B
10A	1117782-08-009-R	EPA Method 325B
11A	1117787-09-009-R	EPA Method 325B
12A	1117799-10-009-R	EPA Method 325B
13A	1117811-11-009-R	EPA Method 325B
14A	1117847-12-009-R	EPA Method 325B
15A	1117850-13-009-R	EPA Method 325B
16A	Lab Blank	EPA Method 325B
17A	CCV	EPA Method 325B
17B	CCV	EPA Method 325B

CERTIFIED BY:   
 Technical Director

DATE: 12/03/19

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209218, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-18-13, UT NELAP – CA009332019-11, VA NELAP - 460197, WA NELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005-011, Effective date: 10/18/2019, Expiration date: 10/17/2020.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

**LABORATORY NARRATIVE**  
**EPA Method TO-15**  
**CAMSCO**  
**Workorder# 1911541**

Fifteen Carbopack X CAMSCO samples were received on November 25, 2019. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

**Receiving Notes**

The Chain of Custody (COC) was not relinquished properly. A signature, date, and time were not provided by the field sampler.

**Analytical Notes**

As noted by the field sampler on the Chain of Custody, tube for sample 1117712-03-009-R fell out during the sampling week. Associated results were flagged with a 'Fe' qualifier to reflect the noted field discrepancy.

**Definition of Data Qualifying Flags**

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds  
EPA METHOD 325B GC/MS FULL SCAN**

**Client Sample ID: 1117688-01-009-R**

**Lab ID#: 1911541-01A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.98
Toluene	0.50	0.69
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.31 J
o-Xylene	0.56	0.28 U

**Client Sample ID: 1117696-01-009-D**

**Lab ID#: 1911541-02A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.98
Toluene	0.50	0.81
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.36 J
o-Xylene	0.56	0.28 U

**Client Sample ID: 1117705-02-009-R**

**Lab ID#: 1911541-03A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	1.0
Toluene	0.50	0.67
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

**Client Sample ID: 1117712-03-009-R**

**Lab ID#: 1911541-04A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	1.1 FE
Toluene	0.50	0.74 FE

### Summary of Detected Compounds EPA METHOD 325B GC/MS FULL SCAN

**Client Sample ID: 1117712-03-009-R**

**Lab ID#: 1911541-04A**

Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

**Client Sample ID: 1117719-04-009-R**

**Lab ID#: 1911541-05A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.3
Toluene	0.50	0.74
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U
-----		

**Client Sample ID: 1117734-05-009-R**

**Lab ID#: 1911541-06A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.94
Toluene	0.50	0.70
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.32 J
o-Xylene	0.56	0.28 U
-----		

**Client Sample ID: 1117749-06-009-R**

**Lab ID#: 1911541-07A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.2
Toluene	0.50	0.63
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U
-----		



### Summary of Detected Compounds EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: 1117751-06-009-B

Lab ID#: 1911541-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.50	0.25 U
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

Client Sample ID: 1117767-07-009-R

Lab ID#: 1911541-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.96
Toluene	0.50	0.64
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

Client Sample ID: 1117782-08-009-R

Lab ID#: 1911541-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.58
Toluene	0.50	0.37 J
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

Client Sample ID: 1117787-09-009-R

Lab ID#: 1911541-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.50
Toluene	0.50	0.32 J

### Summary of Detected Compounds EPA METHOD 325B GC/MS FULL SCAN

**Client Sample ID: 1117787-09-009-R**

**Lab ID#: 1911541-11A**

Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

**Client Sample ID: 1117799-10-009-R**

**Lab ID#: 1911541-12A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.68
Toluene	0.50	0.49 J
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U
-----		

**Client Sample ID: 1117811-11-009-R**

**Lab ID#: 1911541-13A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.94
Toluene	0.50	0.59
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U
-----		

**Client Sample ID: 1117847-12-009-R**

**Lab ID#: 1911541-14A**

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.59
Toluene	0.50	0.54
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U
-----		

**Summary of Detected Compounds**  
**EPA METHOD 325B GC/MS FULL SCAN**

**Client Sample ID: 1117850-13-009-R**

**Lab ID#: 1911541-15A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.53
Toluene	0.50	0.53
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U





Air Toxics

Client Sample ID: 1117688-01-009-R

Lab ID#: 1911541-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113010	Date of Collection: 11/20/19 10:16:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 11:38 AM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.98
Toluene	0.50	0.69
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.31 J
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

J = Estimated value.

Container Type: Carbotack X CAMSCO

Client Sample ID: 1117696-01-009-D

Lab ID#: 1911541-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113011	Date of Collection: 11/20/19 10:16:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 12:07 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.98
Toluene	0.50	0.81
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.36 J
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.  
 J = Estimated value.

Container Type: Carbotack X CAMSCO



Air Toxics

Client Sample ID: 1117705-02-009-R

Lab ID#: 1911541-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113012	Date of Collection:	11/20/19 10:45:00 A
Dil. Factor:	1.04	Date of Analysis:	11/30/19 12:35 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.50	0.67
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117712-03-009-R

Lab ID#: 1911541-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113013	Date of Collection: 11/20/19 10:47:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 01:03 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1 FE
Toluene	0.50	0.74 FE
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Fe = Field error or discrepancy

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117719-04-009-R

Lab ID#: 1911541-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113014	Date of Collection: 11/20/19 10:53:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 01:32 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.3
Toluene	0.50	0.74
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO

Client Sample ID: 1117734-05-009-R

Lab ID#: 1911541-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113016	Date of Collection: 11/20/19 10:56:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 02:23 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.94
Toluene	0.50	0.70
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.32 J
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

J = Estimated value.

Container Type: Carboxpack X CAMSCO



Air Toxics

Client Sample ID: 1117749-06-009-R

Lab ID#: 1911541-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113017	Date of Collection: 11/20/19 11:27:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 02:51 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.2
Toluene	0.50	0.63
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117751-06-009-B

Lab ID#: 1911541-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113009	Date of Collection: 11/20/19 11:27:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 11:10 AM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.50	0.25 U
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO





Air Toxics

Client Sample ID: 1117767-07-009-R

Lab ID#: 1911541-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113018	Date of Collection: 11/20/19 11:30:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 03:20 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.96
Toluene	0.50	0.64
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117782-08-009-R

Lab ID#: 1911541-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113019	Date of Collection:	11/20/19 11:33:00 A
Dil. Factor:	1.04	Date of Analysis:	11/30/19 03:48 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.58
Toluene	0.50	0.37 J
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

J = Estimated value.

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117787-09-009-R

Lab ID#: 1911541-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113020	Date of Collection:	11/20/19 11:40:00 A
Dil. Factor:	1.04	Date of Analysis:	11/30/19 04:17 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.50
Toluene	0.50	0.32 J
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

J = Estimated value.

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117799-10-009-R

Lab ID#: 1911541-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113021	Date of Collection:	11/20/19 11:20:00 A
Dil. Factor:	1.04	Date of Analysis:	11/30/19 04:45 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.68
Toluene	0.50	0.49 J
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

J = Estimated value.

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO

Client Sample ID: 1117811-11-009-R

Lab ID#: 1911541-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113022	Date of Collection: 11/20/19 11:02:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 05:13 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.94
Toluene	0.50	0.59
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO

Client Sample ID: 1117847-12-009-R

Lab ID#: 1911541-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113023	Date of Collection: 11/20/19 11:06:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 05:42 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.59
Toluene	0.50	0.54
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO

Client Sample ID: 1117850-13-009-R

Lab ID#: 1911541-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113024	Date of Collection: 11/20/19 11:11:00 A
Dil. Factor:	1.04	Date of Analysis: 11/30/19 06:10 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.53
Toluene	0.50	0.53
Ethyl Benzene	0.56	0.28 U
m,p-Xylene	0.56	0.28 U
o-Xylene	0.56	0.28 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X CAMSCO



Client Sample ID: Lab Blank

Lab ID#: 1911541-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113004	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/19 08:14 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable





Air Toxics

Client Sample ID: CCV

Lab ID#: 1911541-17A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113015	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/19 01:55 PM
		Date of Extraction: NA

Compound	%Recovery
Benzene	98
Toluene	96
Ethyl Benzene	96
m,p-Xylene	97
o-Xylene	94

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 1911541-17B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f113025	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/19 06:33 PM
		Date of Extraction: NA

Compound	%Recovery
Benzene	99
Toluene	98
Ethyl Benzene	98
m,p-Xylene	97
o-Xylene	97

Container Type: NA - Not Applicable