

10/21/2019 Ms. Jesse Miller CAMSCO 6732 Mayard

Houston TX 77041

Project Name: Project #: Workorder #: 1910297

Dear Ms. Jesse Miller

The following report includes the data for the above referenced project for sample(s) received on 10/11/2019 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,

Scott

Ausha Scott Project Manager

A Eurofins Lancaster Laboratories Company

180 Blue Ravine Road, Suite B Folsom, CA 95630



WORK ORDER #: 1910297

Work Order Summary

CLIENT:	Ms. Jesse Miller CAMSCO 6732 Mayard Houston, TX 77041	BILL TO:	Mr. Jason Robles CAMSCO 6732 Mayard Houston, TX 77041
PHONE:	713-983-0200	P.O. #	
FAX:		PROJECT #	
DATE RECEIVED:	10/11/2019	CONTACT:	Ausha Scott
DATE COMPLETED:	10/21/2019		

FRACTION #	NAME	<u>TEST</u>
01A	1117851-DEP ECP 01-006-R	EPA Method 325B
02A	1117858-DEP ECP 01-006-D	EPA Method 325B
03A	1117864-DEP ECP 02-006-R	EPA Method 325B
04A	1117873-DEP ECP 03-006-R	EPA Method 325B
05A	1117883-DEP ECP 04-006-R	EPA Method 325B
06A	1117894-DEP ECP 05-006-R	EPA Method 325B
07A	1117905-DEP ECP 06-006-R	EPA Method 325B
08A	1117908-DEP ECP 06-006-B	EPA Method 325B
09A	1117922-DEP ECP 07-006-R	EPA Method 325B
10A	1117923-DEP ECP 08-006-R	EPA Method 325B
11A	1117931-DEP ECP 09-006-R	EPA Method 325B
12A	1117941-DEP ECP 10-006-R	EPA Method 325B
13A	1117943-DEP ECP 11-006-R	EPA Method 325B
14A	1117960-DEP ECP 12-006-R	EPA Method 325B
15A	1117986-DEP ECP 13-006-R	EPA Method 325B
16A	Lab Blank	EPA Method 325B
17A	CCV	EPA Method 325B
17B	CCV	EPA Method 325B

CERTIFIED BY:

layes

DATE: <u>10/21/19</u>

Technical Director

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: 10/18/2018, Expiration date: 10/17/2019. Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE ATM EPA 325B CAMSCO Workorder# 1910297

Fifteen Carbopack X CAMSCO samples were received on October 11, 2019. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following EPA-approved calculations in Alternative Test Method 122. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The continuing calibration verification (CCV) analyzed after second set of 10 samples did not run due to a tube leak. The CCVs analyzed after the third set of 10 samples and at the end of the analytical batch both met the required recovery requirements, demonstrating stability and accuracy of the instrument over the batch. There is no expected impact on the sample results.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

- J Estimated value analyte detected betweeen the Method Detection Limit and Reporting Limit.
- E Exceeds instrument calibration range.
- S Saturated peak.
- Q Exceeds quality control limits.
- U Compound analyzed for but not detected above the MDL value.
- I Internal Standard recovery outside acceptance limits
- P Field Duplicate(s) exceed 30% RPD

Pc- Field Duplicate(s) exceed 30% RPD, concentrations of replicate pair less than 2 times reporting limit.

- Pl Field Duplicate(s) exceed 30%RPD, lab error noted.
- L Recovery of bracketing CCV(s) exceeded acceptance limits.
- H Sample analyzed outside of method hold time.
- D Sample duration outside 14+/-1 days
- Fe Field Error or discrepancy
- Te Tube Error or discrepancy
- CN See case narrative explanation.

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: 1117851-DEP ECP 01-006-R

Lab ID#: 1910297-01A

	Rpt. Limit	Amount	
Compound	(ug/m3)	(ug/m3)	
Benzene	0.38	1.1	
Toluene	0.49	0.67	
Ethyl Benzene	0.55	0.27 U	
m,p-Xylene	0.55	0.27 U	
o-Xylene	0.55	0.27 U	

Client Sample ID: 1117858-DEP ECP 01-006-D

Lab ID#: 1910297-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1
Toluene	0.49	0.69
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117864-DEP ECP 02-006-R

Lab ID#: 1910297-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.98
Toluene	0.49	0.64
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117873-DEP ECP 03-006-R

Lab ID#: 1910297-04A

	Rpt. Limit	Amount
Compound	(ug/m3)	(ug/m3)
Benzene	0.38	0.66
Toluene	0.49	0.54



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

Client Sample ID: 1117873-DEP ECP 03-006-R

0.55	0.27 U
0.55	0.27 U
0.55	0.27 U
	0.55

Client Sample ID: 1117883-DEP ECP 04-006-R

Lab ID#: 1910297-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.49	0.68
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117894-DEP ECP 05-006-R

Lab ID#: 1910297-06A

	Rpt. Limit	Amount
Compound	(ug/m3)	
Benzene	0.38	1.1
Toluene	0.49	0.64
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117905-DEP ECP 06-006-R

Lab ID#: 1910297-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.3
Toluene	0.49	0.69
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U



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

Client Sample ID: 1117908-DEP ECP 06-006-B

Lab ID#: 1910297-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117922-DEP ECP 07-006-R

Lab ID#: 1910297-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.95
Toluene	0.49	0.62
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117923-DEP ECP 08-006-R

Lab ID#: 1910297-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.43
Toluene	0.49	0.36 J
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117931-DEP ECP 09-006-R

Lab ID#: 1910297-11A

	Rpt. Limit	Amount
Compound	(ug/m3)	(ug/m3)
Benzene	0.38	0.42
Toluene	0.49	0.42 J



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

Client Sample ID: 1117931-DEP ECP 09-006-R

Lab ID#: 1910297-11A		
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: 1117941-DEP ECP 10-006-R

Lab ID#: 1910297-12A

Rpt. Limit (ug/m3)	Amount (ug/m3)
0.38	0.69
0.49	0.51
0.55	0.27 U
0.55	0.27 U
0.55	0.27 U
	(ug/m3) 0.38 0.49 0.55 0.55

Client Sample ID: 1117943-DEP ECP 11-006-R

Lab ID#: 1910297-13A

Rpt. Limit	Amount
(ug/m3)	(ug/m3)
0.38	0.50
0.49	0.59
0.55	0.27 U
0.55	0.27 U
0.55	0.27 U
	(ug/m3) 0.38 0.49 0.55 0.55

Client Sample ID: 1117960-DEP ECP 12-006-R

Lab ID#: 1910297-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.43
Toluene	0.49	0.50
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U



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

Client Sample ID: 1117986-DEP ECP 13-006-R

Lab ID#: 1910297-15A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.41
Toluene	0.49	0.62
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U



Client Sample ID: 1117851-DEP ECP 01-006-R Lab ID#: 1910297-01A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101518 1.01		tion: 10/9/19 11:00:00 AN sis: 10/15/19 04:13 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	1.1
Toluene		0.49	0.67
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



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Air Toxics

Client Sample ID: 1117858-DEP ECP 01-006-D Lab ID#: 1910297-02A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101519 1.01		tion: 10/9/19 11:00:00 AN sis: 10/15/19 04:42 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	1.1
Toluene		0.49	0.69
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117864-DEP ECP 02-006-R Lab ID#: 1910297-03A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101520 1.01		tion: 10/9/19 11:05:00 AN sis: 10/15/19 05:11 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.98
Toluene		0.49	0.64
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117873-DEP ECP 03-006-R Lab ID#: 1910297-04A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101521 1.01		tion: 10/9/19 1:07:00 PM sis: 10/15/19 05:39 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.66
Toluene		0.49	0.54
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117883-DEP ECP 04-006-R Lab ID#: 1910297-05A EPA METHOD 325B GC/MS FULL SCAN

Т

File Name: Dil. Factor:	f101522 1.01		tion: 10/9/19 1:09:00 PM sis: 10/15/19 06:08 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	1.0
Toluene		0.49	0.68
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117894-DEP ECP 05-006-R Lab ID#: 1910297-06A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101523 1.01		tion: 10/9/19 1:11:00 PM sis: 10/15/19 06:36 PM stion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	1.1
Toluene		0.49	0.64
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117905-DEP ECP 06-006-R Lab ID#: 1910297-07A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101524 1.01		tion: 10/9/19 1:48:00 PM sis: 10/15/19 07:04 PM tion: NA
•		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	1.3
Toluene		0.49	0.69
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117908-DEP ECP 06-006-B Lab ID#: 1910297-08A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101517 1.01		tion: 10/9/19 1:49:00 PM sis: 10/15/19 03:45 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.19 U
Toluene		0.49	0.24 U
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117922-DEP ECP 07-006-R Lab ID#: 1910297-09A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101525 1.01		tion: 10/9/19 1:52:00 PM .is: 10/15/19 07:33 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.95
Toluene		0.49	0.62
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



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Air Toxics

Client Sample ID: 1117923-DEP ECP 08-006-R Lab ID#: 1910297-10A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101526 1.01		tion: 10/9/19 1:54:00 PM is: 10/15/19 08:01 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.43
Toluene		0.49	0.36 J
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

J = Estimated value.

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



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Air Toxics

Client Sample ID: 1117931-DEP ECP 09-006-R Lab ID#: 1910297-11A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101528 1.01		tion: 10/9/19 1:58:00 PM .is: 10/15/19 08:53 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.42
Toluene		0.49	0.42 J
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

J = Estimated value.

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



Client Sample ID: 1117941-DEP ECP 10-006-R Lab ID#: 1910297-12A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101529 1.01		tion: 10/9/19 1:19:00 PM sis: 10/15/19 09:22 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.69
Toluene		0.49	0.51
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117943-DEP ECP 11-006-R Lab ID#: 1910297-13A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101530 1.01		tion: 10/9/19 2:06:00 PM sis: 10/15/19 09:50 PM tion: NA	
•		Rpt. Limit (ug/m3)		
Benzene		0.38	0.50	
Toluene		0.49	0.59	
Ethyl Benzene		0.55	0.27 U	
m,p-Xylene		0.55	0.27 U	
o-Xylene		0.55	0.27 U	

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



Client Sample ID: 1117960-DEP ECP 12-006-R Lab ID#: 1910297-14A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101531 1.01		tion: 10/9/19 2:11:00 PM sis: 10/15/19 10:19 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.43
Toluene		0.49	0.50
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



Client Sample ID: 1117986-DEP ECP 13-006-R Lab ID#: 1910297-15A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101532 1.01		tion: 10/9/19 2:16:00 PM sis: 10/15/19 10:48 PM tion: NA
Compound		Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene		0.38	0.41
Toluene		0.49	0.62
Ethyl Benzene		0.55	0.27 U
m,p-Xylene		0.55	0.27 U
o-Xylene		0.55	0.27 U

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



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Air Toxics

Client Sample ID: Lab Blank Lab ID#: 1910297-16A EPA METHOD 325B GC/MS FULL SCAN

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File Name: Dil. Factor:	f101516 1.00	Date of Collec Date of Analys Date of Extrac	sis: 10/15/19 02:56 PM	
•		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



Client Sample ID: CCV Lab ID#: 1910297-17A EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101527 1.00	Date of Collection: NA Date of Analysis: 10/15/19 08:25 PM
		Date of Extraction: NA
Compound	%Recovery	
Benzene	100	
Toluene	104	
Ethyl Benzene	90	
m,p-Xylene	91	
o-Xylene		91

Container Type: NA - Not Applicable



Client Sample ID: CCV Lab ID#: 1910297-17B EPA METHOD 325B GC/MS FULL SCAN

File Name: Dil. Factor:	f101549 1.00	Date of Collection: NA Date of Analysis: 10/16/19 06:34 AM Date of Extraction: NA
Compound	%Recovery	
Benzene	96	
Toluene	120	
Ethyl Benzene		102
m,p-Xylene		102
o-Xylene		103

Container Type: NA - Not Applicable