

6/1/2020
Ms. Jesse Miller
CAMSCO
6732 Mayard

Houston TX 77041

Project Name:
Project #:
Workorder #: 2005492

Dear Ms. Jesse Miller

The following report includes the data for the above referenced project for sample(s) received on 5/22/2020 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 #: 2005492

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:	05/22/2020	CONTACT:	Ausha Scott
DATE COMPLETED:	05/27/2020		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	1117851-01-022-R	EPA Method 325B
02A	1117858-01-022-D	EPA Method 325B
03A	1117864-02-022-R	EPA Method 325B
04A	1117873-03-022-R	EPA Method 325B
05A	1117877-04-022-R	EPA Method 325B
06A	1117883-05-022-R	EPA Method 325B
07A	1117894-06-022-R	EPA Method 325B
08A	1117905-06-022-B	EPA Method 325B
09A	1117908-07-022-R	EPA Method 325B
10A(cancelled)	1117922-08-022-R	EPA Method 325B
11A	1117923-09-022-R	EPA Method 325B
12A	1117941-10-022-R	EPA Method 325B
13A	1117943-11-022-R	EPA Method 325B
14A	1117962-12-022-R	EPA Method 325B
15A	1117986-13-022-R	EPA Method 325B
16A	Lab Blank	EPA Method 325B
17A	CCV	EPA Method 325B
17B	CCV	EPA Method 325B
17C	CCV	EPA Method 325B

CERTIFIED BY: 

 Technical Director

DATE: 05/27/20

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

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**LABORATORY NARRATIVE
ATM EPA 325B
CAMSCO
Workorder# 2005492**

Fourteen Carbopack X CAMSCO samples were received on May 22, 2020. 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

Sample 1117922-08-022-R was cancelled on 05/20/20 per client's request.

Analytical Notes

There were no analytical discrepancies.

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 between 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 sample and/or its duplicate 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: 1117851-01-022-R

Lab ID#: 2005492-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117858-01-022-D

Lab ID#: 2005492-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.45
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117864-02-022-R

Lab ID#: 2005492-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.30 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117873-03-022-R

Lab ID#: 2005492-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.28 J
Toluene	0.49	0.24 U

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

Client Sample ID: 1117873-03-022-R

Lab ID#: 2005492-04A

Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117877-04-022-R

Lab ID#: 2005492-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.34 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117883-05-022-R

Lab ID#: 2005492-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117894-06-022-R

Lab ID#: 2005492-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

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

Client Sample ID: 1117905-06-022-B

Lab ID#: 2005492-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117908-07-022-R

Lab ID#: 2005492-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117923-09-022-R

Lab ID#: 2005492-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.37 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117941-10-022-R

Lab ID#: 2005492-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U

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

Client Sample ID: 1117941-10-022-R

Lab ID#: 2005492-12A

Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117943-11-022-R

Lab ID#: 2005492-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117962-12-022-R

Lab ID#: 2005492-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

Client Sample ID: 1117986-13-022-R

Lab ID#: 2005492-15A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U



Air Toxics

Client Sample ID: 1117851-01-022-R

Lab ID#: 2005492-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052242	Date of Collection:	5/20/20 2:27:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 02:20 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117858-01-022-D

Lab ID#: 2005492-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052243	Date of Collection:	5/20/20 2:26:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 02:49 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.45
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117864-02-022-R

Lab ID#: 2005492-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052244	Date of Collection:	5/20/20 2:30:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 03:17 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.30 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117873-03-022-R

Lab ID#: 2005492-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052245	Date of Collection:	5/20/20 2:39:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 03:46 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.28 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117877-04-022-R

Lab ID#: 2005492-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052246	Date of Collection:	5/20/20 2:42:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 04:14 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.34 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117883-05-022-R

Lab ID#: 2005492-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052247	Date of Collection:	5/20/20 2:47:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 04:43 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117894-06-022-R

Lab ID#: 2005492-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052248	Date of Collection:	5/20/20 1:50:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 05:12 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117905-06-022-B

Lab ID#: 2005492-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052241	Date of Collection:	5/20/20 1:50:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 01:51 AM
		Date of Extraction:	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	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	0.28 U

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1117908-07-022-R

Lab ID#: 2005492-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052249	Date of Collection:	5/20/20 1:47:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 05:40 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117923-09-022-R

Lab ID#: 2005492-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052251	Date of Collection:	5/20/20 1:25:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 06:32 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.37 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117941-10-022-R

Lab ID#: 2005492-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052252	Date of Collection:	5/20/20 2:02:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 07:00 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117943-11-022-R

Lab ID#: 2005492-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052253	Date of Collection:	5/20/20 2:35:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 07:28 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.32 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117962-12-022-R

Lab ID#: 2005492-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052254	Date of Collection:	5/20/20 2:22:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 07:57 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: 1117986-13-022-R

Lab ID#: 2005492-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052255	Date of Collection:	5/20/20 2:14:00 PM
Dil. Factor:	1.03	Date of Analysis:	5/23/20 08:25 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.28 U
m,p-Xylene	0.55	0.28 U
o-Xylene	0.55	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: Lab Blank

Lab ID#: 2005492-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052217	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	5/22/20 01:39 PM
		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#: 2005492-17A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052239	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	5/23/20 12:55 AM
		Date of Extraction:	NA

Compound	%Recovery
Benzene	93
Toluene	98
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	99

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 2005492-17B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052250	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/23/20 06:03 AM
		Date of Extraction: NA

Compound	%Recovery
Benzene	93
Toluene	98
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	102

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 2005492-17C

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f052258	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/23/20 09:34 AM
		Date of Extraction: NA

Compound	%Recovery
Benzene	91
Toluene	96
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	97

Container Type: NA - Not Applicable