

5/6/2020  
Ms. Jesse Miller  
CAMSCO  
6732 Mayard

Houston TX 77041

Project Name:  
Project #:  
Workorder #: 2004473

Dear Ms. Jesse Miller

The following report includes the data for the above referenced project for sample(s) received on 4/23/2020 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 #: 2004473**

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:** 04/23/2020

**CONTACT:** Ausha Scott

**DATE COMPLETED:** 05/06/2020

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	1118130-01-020-R	EPA Method 325B
02A	1118141-01-020-D	EPA Method 325B
03A	1118161-02-020-R	EPA Method 325B
04A	1118190-03-020-R	EPA Method 325B
05A	1118228-04-020-R	EPA Method 325B
06A	1118234-05-020-R	EPA Method 325B
07A	1118237-06-020-R	EPA Method 325B
08A	1118243-06-020-B	EPA Method 325B
09A	1118256-07-020-R	EPA Method 325B
10A	1118269-08-020-R	EPA Method 325B
11A	1118271-09-020-R	EPA Method 325B
12A	1118293-10-020-R	EPA Method 325B
13A	1118294-11-020-R	EPA Method 325B
14A	1118302-12-020-R	EPA Method 325B
15A	1118323-13-020-R	EPA Method 325B
16A	Lab Blank	EPA Method 325B
17A	CCV	EPA Method 325B
17B	CCV	EPA Method 325B

CERTIFIED BY: 

DATE: 05/06/20

Technical Director

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209219, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-19-14, UT NELAP – CA009332019-11, VA NELAP - 460197, WA NELAP - C935

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

Accreditation number: CA300005-013, 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# 2004473**

Fifteen Carbopack X CAMSCO samples were received on April 23, 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**

There were no receiving discrepancies.

**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: 1118130-01-020-R**

**Lab ID#: 2004473-01A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.35 J
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: 1118141-01-020-D**

**Lab ID#: 2004473-02A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.35 J
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: 1118161-02-020-R**

**Lab ID#: 2004473-03A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.44
Toluene	0.50	0.26 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: 1118190-03-020-R**

**Lab ID#: 2004473-04A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.45
Toluene	0.50	0.25 U

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

**Client Sample ID: 1118190-03-020-R**

**Lab ID#: 2004473-04A**

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: 1118228-04-020-R**

**Lab ID#: 2004473-05A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.36 J
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: 1118234-05-020-R**

**Lab ID#: 2004473-06A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.34 J
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: 1118237-06-020-R**

**Lab ID#: 2004473-07A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.35 J
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

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

**Client Sample ID: 1118243-06-020-B**

**Lab ID#: 2004473-08A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
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: 1118256-07-020-R**

**Lab ID#: 2004473-09A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.34 J
Toluene	0.50	0.25 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: 1118269-08-020-R**

**Lab ID#: 2004473-10A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.39
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: 1118271-09-020-R**

**Lab ID#: 2004473-11A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.32 J
Toluene	0.50	0.25 U

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

**Client Sample ID: 1118271-09-020-R**

**Lab ID#: 2004473-11A**

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: 1118293-10-020-R**

**Lab ID#: 2004473-12A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.33 J
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
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**Client Sample ID: 1118294-11-020-R**

**Lab ID#: 2004473-13A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.42
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
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**Client Sample ID: 1118302-12-020-R**

**Lab ID#: 2004473-14A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.47
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
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**Summary of Detected Compounds**  
**EPA METHOD 325B GC/MS FULL SCAN**

**Client Sample ID: 1118323-13-020-R**

**Lab ID#: 2004473-15A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Benzene	0.38	0.38
Toluene	0.50	0.33 J
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: 1118130-01-020-R

Lab ID#: 2004473-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042513	Date of Collection:	4/22/20 12:38:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 12:29 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118141-01-020-D

Lab ID#: 2004473-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042514	Date of Collection:	4/22/20 12:38:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 12:58 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118161-02-020-R

Lab ID#: 2004473-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042515	Date of Collection:	4/22/20 1:20:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 01:26 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.44
Toluene	0.50	0.26 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: 1118190-03-020-R

Lab ID#: 2004473-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042516	Date of Collection:	4/22/20 1:25:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 01:55 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.45
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: 1118228-04-020-R

Lab ID#: 2004473-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042517	Date of Collection:	4/22/20 1:27:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 02:24 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.36 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118234-05-020-R

Lab ID#: 2004473-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042518	Date of Collection:	4/22/20 1:29:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 02:53 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.34 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO

Client Sample ID: 1118237-06-020-R

Lab ID#: 2004473-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042519	Date of Collection:	4/22/20 1:49:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 03:21 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.35 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118243-06-020-B

Lab ID#: 2004473-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042512	Date of Collection:	4/22/20 1:50:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 12:01 PM
		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: 1118256-07-020-R

Lab ID#: 2004473-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042520	Date of Collection:	4/22/20 1:47:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 03:50 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.34 J
Toluene	0.50	0.25 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: 1118269-08-020-R

Lab ID#: 2004473-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042521	Date of Collection:	4/22/20 1:44:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 04:19 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.39
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: 1118271-09-020-R

Lab ID#: 2004473-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042523	Date of Collection:	4/22/20 1:39:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 05:11 PM
		Date of Extraction:	NA

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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118293-10-020-R

Lab ID#: 2004473-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042524	Date of Collection:	4/22/20 1:57:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 05:39 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.33 J
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

J = Estimated value.

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

Container Type: Carbopack X CAMSCO



Air Toxics

Client Sample ID: 1118294-11-020-R

Lab ID#: 2004473-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042525	Date of Collection:	4/22/20 1:22:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 06:08 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.42
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: 1118302-12-020-R

Lab ID#: 2004473-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042526	Date of Collection:	4/22/20 12:29:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 06:37 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.47
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: 1118323-13-020-R

Lab ID#: 2004473-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042527	Date of Collection:	4/22/20 12:32:00 PM
Dil. Factor:	1.04	Date of Analysis:	4/25/20 07:05 PM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.38
Toluene	0.50	0.33 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: Lab Blank

Lab ID#: 2004473-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042511	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	4/25/20 11:28 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#: 2004473-17A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042522	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	4/25/20 04:42 PM
		Date of Extraction:	NA

Compound	%Recovery
Benzene	98
Toluene	100
Ethyl Benzene	93
m,p-Xylene	93
o-Xylene	93

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 2004473-17B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f042533	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 4/25/20 09:38 PM
		Date of Extraction: NA

Compound	%Recovery
Benzene	96
Toluene	101
Ethyl Benzene	94
m,p-Xylene	100
o-Xylene	104

Container Type: NA - Not Applicable