

8/2/2023

Mr. Bryan Engelsen

ERM Northern Division (formerly ERM-North Central)

One Continental Towers

1701 Golf Road, Suite 1-700

Rolling Meadows IL 60008-4242

Project Name: Taylorville MGP

Project #: 0693965

Workorder #: 2307387

Dear Mr. Bryan Engelsen

The following report includes the data for the above referenced project for sample(s) received on 7/21/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-13A 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 LLC. 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: Joel Tillman at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Joel Tillman

Project Manager

**WORK ORDER #: 2307387**

Work Order Summary

<b>CLIENT:</b>	Mr. Bryan Engelsen ERM Northern Division (formerly ERM-North Central) One Continental Towers 1701 Golf Road, Suite 1-700 Rolling Meadows, IL 60008-4242 847-258-8991	<b>BILL TO:</b>	Accounts Payable ERM Northern Division (formerly ERM-North Central) One Continental Towers 1701 Golf Road, Suite 1-700
<b>PHONE:</b>		<b>P.O. #</b>	012633-1257
<b>FAX:</b>	847-258-8901	<b>PROJECT #</b>	0693965 Taylorville MGP
<b>DATE RECEIVED:</b>	07/21/2023	<b>CONTACT:</b>	Joel Tillman
<b>DATE COMPLETED:</b>	08/02/2023		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	20230717-0720-SAM1	Modified TO-13A
02A	20230717-0720-SAM2	Modified TO-13A
03A	20230717-0720-SAM3	Modified TO-13A
04A	20230717-0720-SAM4	Modified TO-13A
05A	20230717-0720-SAM5	Modified TO-13A
06A	20230717-0720-SAM6	Modified TO-13A
07A	Lab Blank	Modified TO-13A
08A	CCV	Modified TO-13A
09A	LCS	Modified TO-13A
09AA	LCSD	Modified TO-13A

CERTIFIED BY:   
 Technical Director

DATE: 08/02/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935  
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017  
 Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630  
 (916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

**LABORATORY NARRATIVE**  
**Modified TO-13A**  
**ERM Northern Division (formerly ERM-North Central)**  
**Workorder# 2307387**

Six PUF/XAD Cartridge-Low Volume samples were received on July 21, 2023. The laboratory performed the analysis for polycyclic aromatic hydrocarbons in air by modified EPA Method TO-13A. The PUF/XAD samples were extracted using Pressurized Fluid Extraction (PFE) by EPA Method 3545A. The sample extract was then concentrated to 1.0 mL and analyzed by GC/MS in the full scan mode.

To meet the quality control objectives outlined in Method TO-13A, a field blank is required for each sampling episode. If field blanks are not provided to the laboratory, any attendant risk to data quality is the responsibility of the data user.

The frequency of matrix spikes are determined by the different monitoring programs. Matrix spikes are not included in the routine calibration specifications for TO-13A.

<i>Requirement</i>	<i>TO-13A</i>	<i>ATL Modifications</i>
Initial Calibration	Calibration range: 0.1-2.5 ug/mL in Hexane	Calibration range: 1.0-500 ug/mL in Methylene chloride
Method Blank	<MDL	<Reporting limit
Surrogate Recoveries	60-120%	50-150% for Field Surrogates Fluoranthene-d10 and Benzo(a)pyrene-d12

**Receiving Notes**

A Temperature Blank was not included with the shipment. Temperature was measured on a representative sample and was not within  $4 \pm 2$  °C. Coolant in the form of blue ice was present. Analysis proceeded.

**Analytical Notes**

The sample cartridges were pre-spiked with Fluoranthene-d10 and Benzo(a)Pyrene-d12 on 07/05/2023.

**Definition of Data Qualifying Flags**

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

E - Exceeds instrument calibration range.

Q - Exceeds quality control limits.

S - Saturated peak.

J - Estimated value.

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

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

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N - The identification is based on presumptive evidence.

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

Preliminary

**Summary of Detected Compounds**  
**MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN**

**Client Sample ID: 20230717-0720-SAM1**

**Lab ID#: 2307387-01A**

No Detections Were Found.

**Client Sample ID: 20230717-0720-SAM2**

**Lab ID#: 2307387-02A**

No Detections Were Found.

**Client Sample ID: 20230717-0720-SAM3**

**Lab ID#: 2307387-03A**

No Detections Were Found.

**Client Sample ID: 20230717-0720-SAM4**

**Lab ID#: 2307387-04A**

No Detections Were Found.

**Client Sample ID: 20230717-0720-SAM5**

**Lab ID#: 2307387-05A**

No Detections Were Found.

**Client Sample ID: 20230717-0720-SAM6**

**Lab ID#: 2307387-06A**

No Detections Were Found.

Client Sample ID: 20230717-0720-SAM1

Lab ID#: 2307387-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072611	Date of Collection: 7/20/23 10:08:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 04:32 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

Surrogates	%Recovery	Method Limits
Fluorene-d10	84	60-120
Pyrene-d10	100	60-120
Benzo(a)pyrene-d12	88	50-150
Fluoranthene-d10	82	50-150

Client Sample ID: 20230717-0720-SAM2

Lab ID#: 2307387-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072612	Date of Collection: 7/20/23 10:16:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 05:03 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

Surrogates	%Recovery	Method Limits
Fluorene-d10	80	60-120
Pyrene-d10	98	60-120
Benzo(a)pyrene-d12	81	50-150
Fluoranthene-d10	77	50-150

Client Sample ID: 20230717-0720-SAM3

Lab ID#: 2307387-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072613	Date of Collection: 7/20/23 10:30:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 05:33 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected
Surrogates	%Recovery	Method Limits
Fluorene-d10	81	60-120
Pyrene-d10	100	60-120
Benzo(a)pyrene-d12	60	50-150
Fluoranthene-d10	71	50-150



Client Sample ID: 20230717-0720-SAM4

Lab ID#: 2307387-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072614	Date of Collection: 7/20/23 10:38:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 06:03 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected
Surrogates	%Recovery	Method Limits
Fluorene-d10	85	60-120
Pyrene-d10	104	60-120
Benzo(a)pyrene-d12	88	50-150
Fluoranthene-d10	81	50-150

Client Sample ID: 20230717-0720-SAM5

Lab ID#: 2307387-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072615	Date of Collection: 7/20/23 10:45:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 06:33 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected
Surrogates	%Recovery	Method Limits
Fluorene-d10	87	60-120
Pyrene-d10	101	60-120
Benzo(a)pyrene-d12	77	50-150
Fluoranthene-d10	80	50-150

Client Sample ID: 20230717-0720-SAM6

Lab ID#: 2307387-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072616	Date of Collection: 7/20/23 10:50:00 AM
Dil. Factor:	1.00	Date of Analysis: 7/26/23 07:03 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected
Surrogates	%Recovery	Method Limits
Fluorene-d10	76	60-120
Pyrene-d10	98	60-120
Benzo(a)pyrene-d12	89	50-150
Fluoranthene-d10	77	50-150

Client Sample ID: Lab Blank

Lab ID#: 2307387-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072609	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/26/23 03:32 PM
		Date of Extraction: 7/26/23

Compound	Rpt. Limit (ug)	Amount (ug)
Naphthalene	1.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
Acenaphthylene	1.0	Not Detected
Acenaphthene	1.0	Not Detected
Fluorene	1.0	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

Surrogates	%Recovery	Method Limits
Fluorene-d10	83	60-120
Pyrene-d10	101	60-120
Benzo(a)pyrene-d12	101	50-150
Fluoranthene-d10	78	50-150

Client Sample ID: CCV

Lab ID#: 2307387-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072605	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/26/23 12:47 PM
		Date of Extraction: NA

Compound	%Recovery
Naphthalene	90
2-Methylnaphthalene	94
2-Chloronaphthalene	101
Acenaphthylene	97
Acenaphthene	91
Fluorene	92
Phenanthrene	90
Anthracene	84
Fluoranthene	88
Pyrene	106
Chrysene	91
Benzo(a)anthracene	94
Benzo(b)fluoranthene	96
Benzo(k)fluoranthene	102
Benzo(a)pyrene	97
Indeno(1,2,3-c,d)pyrene	93
Dibenz(a,h)anthracene	100
Benzo(g,h,i)perylene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	92	70-130
Pyrene-d10	105	70-130
Benzo(a)pyrene-d12	108	70-130
Fluoranthene-d10	89	70-130

Client Sample ID: LCS

Lab ID#: 2307387-09A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072606	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/26/23 02:02 PM
		Date of Extraction: 7/26/23

Compound	%Recovery	Method Limits
Naphthalene	71	60-120
2-Methylnaphthalene	80	60-120
2-Chloronaphthalene	86	60-120
Acenaphthylene	82	60-120
Acenaphthene	74	60-120
Fluorene	83	60-120
Phenanthrene	79	60-120
Anthracene	87	60-120
Fluoranthene	83	60-120
Pyrene	95	60-120
Chrysene	82	60-120
Benzo(a)anthracene	89	60-120
Benzo(b)fluoranthene	90	60-120
Benzo(k)fluoranthene	90	60-120
Benzo(a)pyrene	90	60-120
Indeno(1,2,3-c,d)pyrene	83	60-120
Dibenz(a,h)anthracene	91	60-120
Benzo(g,h,i)perylene	87	60-120

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	82	60-120
Pyrene-d10	94	60-120
Benzo(a)pyrene-d12	102	50-150
Fluoranthene-d10	82	50-150

Client Sample ID: LCSD

Lab ID#: 2307387-09AA

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	12072608	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/26/23 03:02 PM
		Date of Extraction: 7/26/23

Compound	%Recovery	Method Limits
Naphthalene	76	60-120
2-Methylnaphthalene	88	60-120
2-Chloronaphthalene	93	60-120
Acenaphthylene	88	60-120
Acenaphthene	80	60-120
Fluorene	89	60-120
Phenanthrene	84	60-120
Anthracene	92	60-120
Fluoranthene	85	60-120
Pyrene	104	60-120
Chrysene	86	60-120
Benzo(a)anthracene	94	60-120
Benzo(b)fluoranthene	93	60-120
Benzo(k)fluoranthene	96	60-120
Benzo(a)pyrene	95	60-120
Indeno(1,2,3-c,d)pyrene	87	60-120
Dibenz(a,h)anthracene	98	60-120
Benzo(g,h,i)perylene	93	60-120

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Fluorene-d10	87	60-120
Pyrene-d10	102	60-120
Benzo(a)pyrene-d12	105	50-150
Fluoranthene-d10	85	50-150

8/9/2023

Mr. Bryan Engelsen

ERM Northern Division (formerly ERM-North Central)

One Continental Towers

1701 Golf Road, Suite 1-700

Rolling Meadows IL 60008-4242

Project Name: Taylorville MGP Site

Project #:

Workorder #: 2307528

Dear Mr. Bryan Engelsen

The following report includes the data for the above referenced project for sample(s) received on 7/27/2023 at Eurofins Air Toxics LLC.

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 LLC. 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: Joel Tillman at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Joel Tillman

Project Manager



**WORK ORDER #: 2307528**

Work Order Summary

<b>CLIENT:</b>	Mr. Bryan Engelsen ERM Northern Division (formerly ERM-North Central) One Continental Towers 1701 Golf Road, Suite 1-700 Rolling Meadows, IL 60008-4242 847-258-8991	<b>BILL TO:</b>	Accounts Payable ERM Northern Division (formerly ERM-North Central) One Continental Towers 1701 Golf Road, Suite 1-700
<b>PHONE:</b>		<b>P.O. #</b>	012633-1257
<b>FAX:</b>	847-258-8901	<b>PROJECT #</b>	Taylorville MGP Site
<b>DATE RECEIVED:</b>	07/27/2023	<b>CONTACT:</b>	Joel Tillman
<b>DATE COMPLETED:</b>	08/09/2023		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	20230712-0726-SAM1	EPA Method 325B
02A	20230712-0726-SAM2	EPA Method 325B
03A	20230712-0726-SAM3	EPA Method 325B
04A	20230712-0726-SAM4	EPA Method 325B
05A	20230712-0726-SAM5	EPA Method 325B
06A	Lab Blank	EPA Method 325B
07A	CCV	EPA Method 325B
07B	CCV	EPA Method 325B
07C	CCV	EPA Method 325B

CERTIFIED BY:   
 Technical Director

DATE: 08/09/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935  
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017  
 Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630  
 (916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

**LABORATORY NARRATIVE**  
**ATM EPA 325B**  
**ERM Northern Division (formerly ERM-North Central)**  
**Workorder# 2307528**

Five Carbopack X ERM samples were received on July 27, 2023. 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 the required calculations in EPA Method 325B. 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 anomaly 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: 20230712-0726-SAM1**

**Lab ID#: 2307528-01A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Styrene	0.50	0.20 U
Benzene	0.37	0.56
Toluene	0.48	0.83
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.34 J
o-Xylene	0.54	0.27 U

**Client Sample ID: 20230712-0726-SAM2**

**Lab ID#: 2307528-02A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Styrene	0.50	0.20 U
Benzene	0.37	0.61
Toluene	0.48	0.49
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

**Client Sample ID: 20230712-0726-SAM3**

**Lab ID#: 2307528-03A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Styrene	0.50	0.20 U
Benzene	0.37	0.52
Toluene	0.48	0.45 J
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

**Client Sample ID: 20230712-0726-SAM4**

**Lab ID#: 2307528-04A**

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

**Client Sample ID: 20230712-0726-SAM4**

**Lab ID#: 2307528-04A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Styrene	0.50	0.20 U
Benzene	0.37	0.41
Toluene	0.48	0.32 J
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

**Client Sample ID: 20230712-0726-SAM5**

**Lab ID#: 2307528-05A**

<b>Compound</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Styrene	0.50	0.20 U
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

Client Sample ID: 20230712-0726-SAM1

Lab ID#: 2307528-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072823	Date of Collection: 7/26/23 3:31:00 PM
Dil. Factor:	1.00	Date of Analysis: 7/28/23 11:47 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
Benzene	0.37	0.56
Toluene	0.48	0.83
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.34 J
o-Xylene	0.54	0.27 U

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

J = Estimated value.

Container Type: Carbopack X ERM

Preliminary

Client Sample ID: 20230712-0726-SAM2

Lab ID#: 2307528-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072824	Date of Collection: 7/26/23 3:34:00 PM
Dil. Factor:	1.00	Date of Analysis: 7/29/23 12:17 AM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
Benzene	0.37	0.61
Toluene	0.48	0.49
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: Carbopack X ERM

Preliminary

Client Sample ID: 20230712-0726-SAM3

Lab ID#: 2307528-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072825	Date of Collection: 7/26/23 3:36:00 PM
Dil. Factor:	1.00	Date of Analysis: 7/29/23 12:49 AM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
Benzene	0.37	0.52
Toluene	0.48	0.45 J
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.

J = Estimated value.

Container Type: Carbopack X ERM

Preliminary

Client Sample ID: 20230712-0726-SAM4

Lab ID#: 2307528-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072827	Date of Collection:	7/26/23 3:40:00 PM
Dil. Factor:	1.00	Date of Analysis:	7/29/23 01:47 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
Benzene	0.37	0.41
Toluene	0.48	0.32 J
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.

J = Estimated value.

Container Type: Carbopack X ERM

Preliminary



Client Sample ID: 20230712-0726-SAM5

Lab ID#: 2307528-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072828	Date of Collection:	7/26/23 3:50:00 PM
Dil. Factor:	1.00	Date of Analysis:	7/29/23 02:18 AM
		Date of Extraction:	NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
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: Carbopack X ERM

Preliminary

Client Sample ID: Lab Blank

Lab ID#: 2307528-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072804	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/28/23 01:08 PM
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Styrene	0.50	0.20 U
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

Preliminary

Client Sample ID: CCV

Lab ID#: 2307528-07A

## EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072815	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/28/23 07:42 PM
		Date of Extraction: NA

Compound	%Recovery
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Styrene	119
Benzene	94
Toluene	96
Ethyl Benzene	104
m,p-Xylene	120
o-Xylene	113

Container Type: NA - Not Applicable

Client Sample ID: CCV

Lab ID#: 2307528-07B

## EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072826	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/29/23 01:17 AM
		Date of Extraction: NA

Compound	%Recovery
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Styrene	111
Benzene	96
Toluene	98
Ethyl Benzene	97
m,p-Xylene	110
o-Xylene	105

Container Type: NA - Not Applicable

Client Sample ID: CCV

Lab ID#: 2307528-07C

## EPA METHOD 325B GC/MS FULL SCAN

File Name:	f072837	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/29/23 06:29 AM
		Date of Extraction: NA

Compound	%Recovery
Styrene	105
Benzene	95
Toluene	99
Ethyl Benzene	100
m,p-Xylene	110
o-Xylene	102

Container Type: NA - Not Applicable