



March 26, 2025

Richard Pryor
Environmental Engineering Cons
5119 N Florida Ave.
Tampa, FL 33603

RE: Project: COT Howard*
Pace Project No.: 35944674

Dear Richard Pryor:

Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cameron Meynardie
cameron.meynardie@pacelabs.com
813-855-1844
Project Manager

Enclosures

cc: Kris Caldwell, Environmental Engineering Consultants
Accounts Payable, Environmental Engineering Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: COT Howard*

Pace Project No.: 35944674

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #: 100789

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SAMPLE SUMMARY

Project: COT Howard*

Pace Project No.: 35944674

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35944674001	1	Air	03/21/25 15:38	03/22/25 09:00
35944674002	2	Air	03/21/25 15:45	03/22/25 09:00
35944674003	3	Air	03/21/25 15:55	03/22/25 09:00
35944674004	4	Air	03/21/25 15:13	03/22/25 09:00
35944674005	5	Air	03/21/25 15:23	03/22/25 09:00
35944674006	6	Air	03/21/25 15:30	03/22/25 09:00

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SAMPLE ANALYTE COUNT

Project: COT Howard*
Pace Project No.: 35944674

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35944674001	1	TO-15	MBF	68	PAN
35944674002	2	TO-15	MBF	68	PAN
35944674003	3	TO-15	MBF	68	PAN
35944674004	4	TO-15	MBF	68	PAN
35944674005	5	TO-15	MBF	68	PAN
35944674006	6	TO-15	MBF	68	PAN

PAN = Pace National - Mt. Juliet

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 1 Lab ID: 35944674001 Collected: 03/21/25 15:38 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15 Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/24/25 21:44	03/24/25 21:44	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/24/25 21:44	03/24/25 21:44	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/24/25 21:44	03/24/25 21:44	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/24/25 21:44	03/24/25 21:44	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/24/25 21:44	03/24/25 21:44	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/24/25 21:44	03/24/25 21:44	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/24/25 21:44	03/24/25 21:44	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/24/25 21:44	03/24/25 21:44	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/24/25 21:44	03/24/25 21:44	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/24/25 21:44	03/24/25 21:44	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/24/25 21:44	03/24/25 21:44	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/24/25 21:44	03/24/25 21:44	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/24/25 21:44	03/24/25 21:44	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/24/25 21:44	03/24/25 21:44	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/24/25 21:44	03/24/25 21:44	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/24/25 21:44	03/24/25 21:44	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/24/25 21:44	03/24/25 21:44	123-91-1	
2,2,4-Trimethylpentane	11.4	ug/m3	0.934	0.420	1	03/24/25 21:44	03/24/25 21:44	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/24/25 21:44	03/24/25 21:44	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/24/25 21:44	03/24/25 21:44	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/24/25 21:44	03/24/25 21:44	591-78-6	
2-Propanol	6.27	ug/m3	3.07	1.67	1	03/24/25 21:44	03/24/25 21:44	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/24/25 21:44	03/24/25 21:44	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/24/25 21:44	03/24/25 21:44	108-10-1	
Acetone	5.77	ug/m3	2.97	1.24	1	03/24/25 21:44	03/24/25 21:44	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/24/25 21:44	03/24/25 21:44	107-05-1	
Benzene	1.61	ug/m3	0.639	0.351	1	03/24/25 21:44	03/24/25 21:44	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/24/25 21:44	03/24/25 21:44	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/24/25 21:44	03/24/25 21:44	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/24/25 21:44	03/24/25 21:44	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/24/25 21:44	03/24/25 21:44	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/24/25 21:44	03/24/25 21:44	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/24/25 21:44	03/24/25 21:44	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/24/25 21:44	03/24/25 21:44	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/24/25 21:44	03/24/25 21:44	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/24/25 21:44	03/24/25 21:44	67-66-3	
Chloromethane	1.21	ug/m3	0.413	0.227	1	03/24/25 21:44	03/24/25 21:44	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/24/25 21:44	03/24/25 21:44	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/24/25 21:44	03/24/25 21:44	10061-01-5	
Cyclohexane	1.42	ug/m3	0.689	0.585	1	03/24/25 21:44	03/24/25 21:44	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/24/25 21:44	03/24/25 21:44	124-48-1	
Dichlorodifluoromethane	2.01	ug/m3	0.989	0.399	1	03/24/25 21:44	03/24/25 21:44	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/24/25 21:44	03/24/25 21:44	76-14-2	
Ethanol	36.0	ug/m3	4.71	4.47	1	03/24/25 21:44	03/24/25 21:44	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/24/25 21:44	03/24/25 21:44	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 1 Lab ID: 35944674001 Collected: 03/21/25 15:38 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/24/25 21:44	03/24/25 21:44	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/24/25 21:44	03/24/25 21:44	98-82-8	
m&p-Xylene	1.87	ug/m3	1.73	0.754	1	03/24/25 21:44	03/24/25 21:44	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/24/25 21:44	03/24/25 21:44	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/24/25 21:44	03/24/25 21:44	1634-04-4	
Methylene Chloride	0.587 U	ug/m3	0.694	0.587	1	03/24/25 21:44	03/24/25 21:44	75-09-2	
n-Heptane	1.78	ug/m3	0.818	0.466	1	03/24/25 21:44	03/24/25 21:44	142-82-5	
n-Hexane	5.43	ug/m3	2.22	0.504	1	03/24/25 21:44	03/24/25 21:44	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/24/25 21:44	03/24/25 21:44	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/24/25 21:44	03/24/25 21:44	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/24/25 21:44	03/24/25 21:44	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/24/25 21:44	03/24/25 21:44	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/24/25 21:44	03/24/25 21:44	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/24/25 21:44	03/24/25 21:44	109-99-9	
Toluene	4.56	ug/m3	1.88	0.490	1	03/24/25 21:44	03/24/25 21:44	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/24/25 21:44	03/24/25 21:44	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/24/25 21:44	03/24/25 21:44	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/24/25 21:44	03/24/25 21:44	79-01-6	
Trichlorofluoromethane	1.34	ug/m3	1.12	0.433	1	03/24/25 21:44	03/24/25 21:44	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/24/25 21:44	03/24/25 21:44	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/24/25 21:44	03/24/25 21:44	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/24/25 21:44	03/24/25 21:44	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	95.2	%	60.0-140		1	03/24/25 21:44	03/24/25 21:44	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 2 Lab ID: 35944674002 Collected: 03/21/25 15:45 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15 Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/24/25 22:25	03/24/25 22:25	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/24/25 22:25	03/24/25 22:25	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/24/25 22:25	03/24/25 22:25	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/24/25 22:25	03/24/25 22:25	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/24/25 22:25	03/24/25 22:25	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/24/25 22:25	03/24/25 22:25	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/24/25 22:25	03/24/25 22:25	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/24/25 22:25	03/24/25 22:25	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/24/25 22:25	03/24/25 22:25	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/24/25 22:25	03/24/25 22:25	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/24/25 22:25	03/24/25 22:25	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/24/25 22:25	03/24/25 22:25	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/24/25 22:25	03/24/25 22:25	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/24/25 22:25	03/24/25 22:25	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/24/25 22:25	03/24/25 22:25	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/24/25 22:25	03/24/25 22:25	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/24/25 22:25	03/24/25 22:25	123-91-1	
2,2,4-Trimethylpentane	2.58	ug/m3	0.934	0.420	1	03/24/25 22:25	03/24/25 22:25	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/24/25 22:25	03/24/25 22:25	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/24/25 22:25	03/24/25 22:25	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/24/25 22:25	03/24/25 22:25	591-78-6	
2-Propanol	3.07	ug/m3	3.07	1.67	1	03/24/25 22:25	03/24/25 22:25	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/24/25 22:25	03/24/25 22:25	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/24/25 22:25	03/24/25 22:25	108-10-1	
Acetone	17.1	ug/m3	2.97	1.24	1	03/24/25 22:25	03/24/25 22:25	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/24/25 22:25	03/24/25 22:25	107-05-1	
Benzene	0.824	ug/m3	0.639	0.351	1	03/24/25 22:25	03/24/25 22:25	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/24/25 22:25	03/24/25 22:25	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/24/25 22:25	03/24/25 22:25	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/24/25 22:25	03/24/25 22:25	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/24/25 22:25	03/24/25 22:25	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/24/25 22:25	03/24/25 22:25	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/24/25 22:25	03/24/25 22:25	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/24/25 22:25	03/24/25 22:25	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/24/25 22:25	03/24/25 22:25	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/24/25 22:25	03/24/25 22:25	67-66-3	
Chloromethane	1.28	ug/m3	0.413	0.227	1	03/24/25 22:25	03/24/25 22:25	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/24/25 22:25	03/24/25 22:25	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/24/25 22:25	03/24/25 22:25	10061-01-5	
Cyclohexane	0.585 U	ug/m3	0.689	0.585	1	03/24/25 22:25	03/24/25 22:25	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/24/25 22:25	03/24/25 22:25	124-48-1	
Dichlorodifluoromethane	2.32	ug/m3	0.989	0.399	1	03/24/25 22:25	03/24/25 22:25	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/24/25 22:25	03/24/25 22:25	76-14-2	
Ethanol	13.1	ug/m3	4.71	4.47	1	03/24/25 22:25	03/24/25 22:25	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/24/25 22:25	03/24/25 22:25	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 2 Lab ID: 35944674002 Collected: 03/21/25 15:45 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/24/25 22:25	03/24/25 22:25	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/24/25 22:25	03/24/25 22:25	98-82-8	
m&p-Xylene	1.94	ug/m3	1.73	0.754	1	03/24/25 22:25	03/24/25 22:25	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/24/25 22:25	03/24/25 22:25	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/24/25 22:25	03/24/25 22:25	1634-04-4	
Methylene Chloride	0.587 U	ug/m3	0.694	0.587	1	03/24/25 22:25	03/24/25 22:25	75-09-2	
n-Heptane	1.05	ug/m3	0.818	0.466	1	03/24/25 22:25	03/24/25 22:25	142-82-5	
n-Hexane	2.70	ug/m3	2.22	0.504	1	03/24/25 22:25	03/24/25 22:25	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/24/25 22:25	03/24/25 22:25	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/24/25 22:25	03/24/25 22:25	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/24/25 22:25	03/24/25 22:25	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/24/25 22:25	03/24/25 22:25	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/24/25 22:25	03/24/25 22:25	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/24/25 22:25	03/24/25 22:25	109-99-9	
Toluene	3.50	ug/m3	1.88	0.490	1	03/24/25 22:25	03/24/25 22:25	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/24/25 22:25	03/24/25 22:25	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/24/25 22:25	03/24/25 22:25	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/24/25 22:25	03/24/25 22:25	79-01-6	
Trichlorofluoromethane	1.32	ug/m3	1.12	0.433	1	03/24/25 22:25	03/24/25 22:25	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/24/25 22:25	03/24/25 22:25	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/24/25 22:25	03/24/25 22:25	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/24/25 22:25	03/24/25 22:25	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	96.6	%	60.0-140		1	03/24/25 22:25	03/24/25 22:25	460-00-4	

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 3 Lab ID: 35944674003 Collected: 03/21/25 15:55 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/24/25 23:09	03/24/25 23:09	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/24/25 23:09	03/24/25 23:09	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/24/25 23:09	03/24/25 23:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/24/25 23:09	03/24/25 23:09	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/24/25 23:09	03/24/25 23:09	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/24/25 23:09	03/24/25 23:09	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/24/25 23:09	03/24/25 23:09	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/24/25 23:09	03/24/25 23:09	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/24/25 23:09	03/24/25 23:09	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/24/25 23:09	03/24/25 23:09	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/24/25 23:09	03/24/25 23:09	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/24/25 23:09	03/24/25 23:09	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/24/25 23:09	03/24/25 23:09	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/24/25 23:09	03/24/25 23:09	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/24/25 23:09	03/24/25 23:09	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/24/25 23:09	03/24/25 23:09	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/24/25 23:09	03/24/25 23:09	123-91-1	
2,2,4-Trimethylpentane	0.420 U	ug/m3	0.934	0.420	1	03/24/25 23:09	03/24/25 23:09	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/24/25 23:09	03/24/25 23:09	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/24/25 23:09	03/24/25 23:09	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/24/25 23:09	03/24/25 23:09	591-78-6	
2-Propanol	1.67 U	ug/m3	3.07	1.67	1	03/24/25 23:09	03/24/25 23:09	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/24/25 23:09	03/24/25 23:09	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/24/25 23:09	03/24/25 23:09	108-10-1	
Acetone	11.3	ug/m3	2.97	1.24	1	03/24/25 23:09	03/24/25 23:09	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/24/25 23:09	03/24/25 23:09	107-05-1	
Benzene	0.668	ug/m3	0.639	0.351	1	03/24/25 23:09	03/24/25 23:09	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/24/25 23:09	03/24/25 23:09	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/24/25 23:09	03/24/25 23:09	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/24/25 23:09	03/24/25 23:09	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/24/25 23:09	03/24/25 23:09	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/24/25 23:09	03/24/25 23:09	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/24/25 23:09	03/24/25 23:09	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/24/25 23:09	03/24/25 23:09	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/24/25 23:09	03/24/25 23:09	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/24/25 23:09	03/24/25 23:09	67-66-3	
Chloromethane	1.31	ug/m3	0.413	0.227	1	03/24/25 23:09	03/24/25 23:09	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/24/25 23:09	03/24/25 23:09	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/24/25 23:09	03/24/25 23:09	10061-01-5	
Cyclohexane	0.585 U	ug/m3	0.689	0.585	1	03/24/25 23:09	03/24/25 23:09	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/24/25 23:09	03/24/25 23:09	124-48-1	
Dichlorodifluoromethane	1.88	ug/m3	0.989	0.399	1	03/24/25 23:09	03/24/25 23:09	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/24/25 23:09	03/24/25 23:09	76-14-2	
Ethanol	5.03	ug/m3	4.71	4.47	1	03/24/25 23:09	03/24/25 23:09	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/24/25 23:09	03/24/25 23:09	100-41-4	

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 3 Lab ID: 35944674003 Collected: 03/21/25 15:55 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/24/25 23:09	03/24/25 23:09	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/24/25 23:09	03/24/25 23:09	98-82-8	
m&p-Xylene	0.754 U	ug/m3	1.73	0.754	1	03/24/25 23:09	03/24/25 23:09	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/24/25 23:09	03/24/25 23:09	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/24/25 23:09	03/24/25 23:09	1634-04-4	
Methylene Chloride	0.587 U	ug/m3	0.694	0.587	1	03/24/25 23:09	03/24/25 23:09	75-09-2	
n-Heptane	0.990	ug/m3	0.818	0.466	1	03/24/25 23:09	03/24/25 23:09	142-82-5	
n-Hexane	0.504 U	ug/m3	2.22	0.504	1	03/24/25 23:09	03/24/25 23:09	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/24/25 23:09	03/24/25 23:09	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/24/25 23:09	03/24/25 23:09	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/24/25 23:09	03/24/25 23:09	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/24/25 23:09	03/24/25 23:09	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/24/25 23:09	03/24/25 23:09	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/24/25 23:09	03/24/25 23:09	109-99-9	
Toluene	0.490 U	ug/m3	1.88	0.490	1	03/24/25 23:09	03/24/25 23:09	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/24/25 23:09	03/24/25 23:09	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/24/25 23:09	03/24/25 23:09	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/24/25 23:09	03/24/25 23:09	79-01-6	
Trichlorofluoromethane	1.33	ug/m3	1.12	0.433	1	03/24/25 23:09	03/24/25 23:09	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/24/25 23:09	03/24/25 23:09	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/24/25 23:09	03/24/25 23:09	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/24/25 23:09	03/24/25 23:09	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	98.1	%	60.0-140		1	03/24/25 23:09	03/24/25 23:09	460-00-4	

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 4 Lab ID: 35944674004 Collected: 03/21/25 15:13 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/24/25 23:52	03/24/25 23:52	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/24/25 23:52	03/24/25 23:52	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/24/25 23:52	03/24/25 23:52	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/24/25 23:52	03/24/25 23:52	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/24/25 23:52	03/24/25 23:52	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/24/25 23:52	03/24/25 23:52	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/24/25 23:52	03/24/25 23:52	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/24/25 23:52	03/24/25 23:52	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/24/25 23:52	03/24/25 23:52	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/24/25 23:52	03/24/25 23:52	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/24/25 23:52	03/24/25 23:52	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/24/25 23:52	03/24/25 23:52	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/24/25 23:52	03/24/25 23:52	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/24/25 23:52	03/24/25 23:52	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/24/25 23:52	03/24/25 23:52	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/24/25 23:52	03/24/25 23:52	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/24/25 23:52	03/24/25 23:52	123-91-1	
2,2,4-Trimethylpentane	0.420 U	ug/m3	0.934	0.420	1	03/24/25 23:52	03/24/25 23:52	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/24/25 23:52	03/24/25 23:52	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/24/25 23:52	03/24/25 23:52	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/24/25 23:52	03/24/25 23:52	591-78-6	
2-Propanol	1.67 U	ug/m3	3.07	1.67	1	03/24/25 23:52	03/24/25 23:52	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/24/25 23:52	03/24/25 23:52	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/24/25 23:52	03/24/25 23:52	108-10-1	
Acetone	7.20 U	ug/m3	2.97	1.24	1	03/24/25 23:52	03/24/25 23:52	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/24/25 23:52	03/24/25 23:52	107-05-1	
Benzene	0.351 U	ug/m3	0.639	0.351	1	03/24/25 23:52	03/24/25 23:52	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/24/25 23:52	03/24/25 23:52	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/24/25 23:52	03/24/25 23:52	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/24/25 23:52	03/24/25 23:52	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/24/25 23:52	03/24/25 23:52	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/24/25 23:52	03/24/25 23:52	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/24/25 23:52	03/24/25 23:52	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/24/25 23:52	03/24/25 23:52	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/24/25 23:52	03/24/25 23:52	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/24/25 23:52	03/24/25 23:52	67-66-3	
Chloromethane	1.31 U	ug/m3	0.413	0.227	1	03/24/25 23:52	03/24/25 23:52	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/24/25 23:52	03/24/25 23:52	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/24/25 23:52	03/24/25 23:52	10061-01-5	
Cyclohexane	0.585 U	ug/m3	0.689	0.585	1	03/24/25 23:52	03/24/25 23:52	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/24/25 23:52	03/24/25 23:52	124-48-1	
Dichlorodifluoromethane	2.23 U	ug/m3	0.989	0.399	1	03/24/25 23:52	03/24/25 23:52	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/24/25 23:52	03/24/25 23:52	76-14-2	
Ethanol	4.47 U	ug/m3	4.71	4.47	1	03/24/25 23:52	03/24/25 23:52	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/24/25 23:52	03/24/25 23:52	100-41-4	

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 4 Lab ID: 35944674004 Collected: 03/21/25 15:13 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/24/25 23:52	03/24/25 23:52	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/24/25 23:52	03/24/25 23:52	98-82-8	
m&p-Xylene	0.754 U	ug/m3	1.73	0.754	1	03/24/25 23:52	03/24/25 23:52	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/24/25 23:52	03/24/25 23:52	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/24/25 23:52	03/24/25 23:52	1634-04-4	
Methylene Chloride	0.813 U	ug/m3	0.694	0.587	1	03/24/25 23:52	03/24/25 23:52	75-09-2	
n-Heptane	0.466 U	ug/m3	0.818	0.466	1	03/24/25 23:52	03/24/25 23:52	142-82-5	
n-Hexane	0.504 U	ug/m3	2.22	0.504	1	03/24/25 23:52	03/24/25 23:52	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/24/25 23:52	03/24/25 23:52	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/24/25 23:52	03/24/25 23:52	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/24/25 23:52	03/24/25 23:52	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/24/25 23:52	03/24/25 23:52	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/24/25 23:52	03/24/25 23:52	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/24/25 23:52	03/24/25 23:52	109-99-9	
Toluene	0.490 U	ug/m3	1.88	0.490	1	03/24/25 23:52	03/24/25 23:52	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/24/25 23:52	03/24/25 23:52	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/24/25 23:52	03/24/25 23:52	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/24/25 23:52	03/24/25 23:52	79-01-6	
Trichlorofluoromethane	1.35 U	ug/m3	1.12	0.433	1	03/24/25 23:52	03/24/25 23:52	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/24/25 23:52	03/24/25 23:52	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/24/25 23:52	03/24/25 23:52	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/24/25 23:52	03/24/25 23:52	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	93.1	%	60.0-140		1	03/24/25 23:52	03/24/25 23:52	460-00-4	

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 5 Lab ID: 35944674005 Collected: 03/21/25 15:23 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/25/25 00:33	03/25/25 00:33	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/25/25 00:33	03/25/25 00:33	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/25/25 00:33	03/25/25 00:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/25/25 00:33	03/25/25 00:33	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/25/25 00:33	03/25/25 00:33	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/25/25 00:33	03/25/25 00:33	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/25/25 00:33	03/25/25 00:33	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/25/25 00:33	03/25/25 00:33	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/25/25 00:33	03/25/25 00:33	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/25/25 00:33	03/25/25 00:33	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/25/25 00:33	03/25/25 00:33	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/25/25 00:33	03/25/25 00:33	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/25/25 00:33	03/25/25 00:33	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/25/25 00:33	03/25/25 00:33	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/25/25 00:33	03/25/25 00:33	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/25/25 00:33	03/25/25 00:33	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/25/25 00:33	03/25/25 00:33	123-91-1	
2,2,4-Trimethylpentane	0.420 U	ug/m3	0.934	0.420	1	03/25/25 00:33	03/25/25 00:33	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/25/25 00:33	03/25/25 00:33	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/25/25 00:33	03/25/25 00:33	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/25/25 00:33	03/25/25 00:33	591-78-6	
2-Propanol	1.67 U	ug/m3	3.07	1.67	1	03/25/25 00:33	03/25/25 00:33	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/25/25 00:33	03/25/25 00:33	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/25/25 00:33	03/25/25 00:33	108-10-1	
Acetone	6.80 U	ug/m3	2.97	1.24	1	03/25/25 00:33	03/25/25 00:33	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/25/25 00:33	03/25/25 00:33	107-05-1	
Benzene	0.351 U	ug/m3	0.639	0.351	1	03/25/25 00:33	03/25/25 00:33	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/25/25 00:33	03/25/25 00:33	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/25/25 00:33	03/25/25 00:33	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/25/25 00:33	03/25/25 00:33	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/25/25 00:33	03/25/25 00:33	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/25/25 00:33	03/25/25 00:33	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/25/25 00:33	03/25/25 00:33	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/25/25 00:33	03/25/25 00:33	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/25/25 00:33	03/25/25 00:33	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/25/25 00:33	03/25/25 00:33	67-66-3	
Chloromethane	1.40 U	ug/m3	0.413	0.227	1	03/25/25 00:33	03/25/25 00:33	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/25/25 00:33	03/25/25 00:33	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/25/25 00:33	03/25/25 00:33	10061-01-5	
Cyclohexane	0.585 U	ug/m3	0.689	0.585	1	03/25/25 00:33	03/25/25 00:33	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/25/25 00:33	03/25/25 00:33	124-48-1	
Dichlorodifluoromethane	2.18 U	ug/m3	0.989	0.399	1	03/25/25 00:33	03/25/25 00:33	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/25/25 00:33	03/25/25 00:33	76-14-2	
Ethanol	5.15 U	ug/m3	4.71	4.47	1	03/25/25 00:33	03/25/25 00:33	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/25/25 00:33	03/25/25 00:33	100-41-4	

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 5 Lab ID: 35944674005 Collected: 03/21/25 15:23 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/25/25 00:33	03/25/25 00:33	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/25/25 00:33	03/25/25 00:33	98-82-8	
m&p-Xylene	0.754 U	ug/m3	1.73	0.754	1	03/25/25 00:33	03/25/25 00:33	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/25/25 00:33	03/25/25 00:33	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/25/25 00:33	03/25/25 00:33	1634-04-4	
Methylene Chloride	0.587 U	ug/m3	0.694	0.587	1	03/25/25 00:33	03/25/25 00:33	75-09-2	
n-Heptane	0.466 U	ug/m3	0.818	0.466	1	03/25/25 00:33	03/25/25 00:33	142-82-5	
n-Hexane	0.504 U	ug/m3	2.22	0.504	1	03/25/25 00:33	03/25/25 00:33	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/25/25 00:33	03/25/25 00:33	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/25/25 00:33	03/25/25 00:33	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/25/25 00:33	03/25/25 00:33	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/25/25 00:33	03/25/25 00:33	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/25/25 00:33	03/25/25 00:33	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/25/25 00:33	03/25/25 00:33	109-99-9	
Toluene	0.490 U	ug/m3	1.88	0.490	1	03/25/25 00:33	03/25/25 00:33	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/25/25 00:33	03/25/25 00:33	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/25/25 00:33	03/25/25 00:33	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/25/25 00:33	03/25/25 00:33	79-01-6	
Trichlorofluoromethane	1.36	ug/m3	1.12	0.433	1	03/25/25 00:33	03/25/25 00:33	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/25/25 00:33	03/25/25 00:33	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/25/25 00:33	03/25/25 00:33	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/25/25 00:33	03/25/25 00:33	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	92.2	%	60.0-140		1	03/25/25 00:33	03/25/25 00:33	460-00-4	

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ANALYTICAL RESULTS

Project: COT Howard*

Pace Project No.: 35944674

Sample: 6 Lab ID: 35944674006 Collected: 03/21/25 15:30 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15 Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet									
1,1,1-Trichloroethane	0.391 U	ug/m3	1.09	0.391	1	03/25/25 01:14	03/25/25 01:14	71-55-6	
1,1,2,2-Tetrachloroethane	0.478 U	ug/m3	1.37	0.478	1	03/25/25 01:14	03/25/25 01:14	79-34-5	
1,1,2-Trichloroethane	0.372 U	ug/m3	1.09	0.372	1	03/25/25 01:14	03/25/25 01:14	79-00-5	
1,1,2-Trichlorotrifluoroethane	0.576 U	ug/m3	1.53	0.576	1	03/25/25 01:14	03/25/25 01:14	76-13-1	
1,1-Dichloroethane	0.285 U	ug/m3	0.802	0.285	1	03/25/25 01:14	03/25/25 01:14	75-34-3	
1,1-Dichloroethene	0.296 U	ug/m3	0.793	0.296	1	03/25/25 01:14	03/25/25 01:14	75-35-4	
1,2,4-Trichlorobenzene	3.42 U	ug/m3	4.66	3.42	1	03/25/25 01:14	03/25/25 01:14	120-82-1	
1,2,4-Trimethylbenzene	0.455 U	ug/m3	0.982	0.455	1	03/25/25 01:14	03/25/25 01:14	95-63-6	
1,2-Dibromoethane (EDB)	0.531 U	ug/m3	1.54	0.531	1	03/25/25 01:14	03/25/25 01:14	106-93-4	
1,2-Dichlorobenzene	0.441 U	ug/m3	1.20	0.441	1	03/25/25 01:14	03/25/25 01:14	95-50-1	
1,2-Dichloroethane	0.296 U	ug/m3	0.810	0.296	1	03/25/25 01:14	03/25/25 01:14	107-06-2	
1,2-Dichloropropane	0.348 U	ug/m3	0.924	0.348	1	03/25/25 01:14	03/25/25 01:14	78-87-5	
1,3,5-Trimethylbenzene	0.419 U	ug/m3	0.982	0.419	1	03/25/25 01:14	03/25/25 01:14	108-67-8	
1,3-Butadiene	0.350 U	ug/m3	4.43	0.350	1	03/25/25 01:14	03/25/25 01:14	106-99-0	
1,3-Dichlorobenzene	0.453 U	ug/m3	1.20	0.453	1	03/25/25 01:14	03/25/25 01:14	541-73-1	
1,4-Dichlorobenzene	0.462 U	ug/m3	1.20	0.462	1	03/25/25 01:14	03/25/25 01:14	106-46-7	
1,4-Dioxane (p-Dioxane)	0.591 U	ug/m3	2.27	0.591	1	03/25/25 01:14	03/25/25 01:14	123-91-1	
2,2,4-Trimethylpentane	0.420 U	ug/m3	0.934	0.420	1	03/25/25 01:14	03/25/25 01:14	540-84-1	
2-Butanone (MEK)	0.342 U	ug/m3	3.69	0.342	1	03/25/25 01:14	03/25/25 01:14	78-93-3	
2-Chlorotoluene	0.406 U	ug/m3	1.03	0.406	1	03/25/25 01:14	03/25/25 01:14	95-49-8	
2-Hexanone	0.544 U	ug/m3	5.11	0.544	1	03/25/25 01:14	03/25/25 01:14	591-78-6	
2-Propanol	1.67 U	ug/m3	3.07	1.67	1	03/25/25 01:14	03/25/25 01:14	67-63-0	
4-Ethyltoluene	0.435 U	ug/m3	0.982	0.435	1	03/25/25 01:14	03/25/25 01:14	622-96-8	
4-Methyl-2-pentanone (MIBK)	0.434 U	ug/m3	5.12	0.434	1	03/25/25 01:14	03/25/25 01:14	108-10-1	
Acetone	12.5	ug/m3	2.97	1.24	1	03/25/25 01:14	03/25/25 01:14	67-64-1	
Allyl chloride	0.582 U	ug/m3	0.626	0.582	1	03/25/25 01:14	03/25/25 01:14	107-05-1	
Benzene	0.351 U	ug/m3	0.639	0.351	1	03/25/25 01:14	03/25/25 01:14	71-43-2	
Benzyl chloride	0.461 U	ug/m3	1.04	0.461	1	03/25/25 01:14	03/25/25 01:14	100-44-7	
Bromodichloromethane	0.466 U	ug/m3	1.34	0.466	1	03/25/25 01:14	03/25/25 01:14	75-27-4	
Bromoform	0.781 U	ug/m3	6.52	0.781	1	03/25/25 01:14	03/25/25 01:14	75-25-2	
Bromomethane	0.364 U	ug/m3	0.776	0.364	1	03/25/25 01:14	03/25/25 01:14	74-83-9	
Carbon disulfide	0.498 U	ug/m3	1.24	0.498	1	03/25/25 01:14	03/25/25 01:14	75-15-0	
Carbon tetrachloride	0.470 U	ug/m3	1.26	0.470	1	03/25/25 01:14	03/25/25 01:14	56-23-5	
Chlorobenzene	0.545 U	ug/m3	0.924	0.545	1	03/25/25 01:14	03/25/25 01:14	108-90-7	
Chloroethane	0.290 U	ug/m3	0.528	0.290	1	03/25/25 01:14	03/25/25 01:14	75-00-3	
Chloroform	0.506 U	ug/m3	0.973	0.506	1	03/25/25 01:14	03/25/25 01:14	67-66-3	
Chloromethane	1.33	ug/m3	0.413	0.227	1	03/25/25 01:14	03/25/25 01:14	74-87-3	
cis-1,2-Dichloroethene	0.315 U	ug/m3	0.793	0.315	1	03/25/25 01:14	03/25/25 01:14	156-59-2	
cis-1,3-Dichloropropene	0.337 U	ug/m3	0.908	0.337	1	03/25/25 01:14	03/25/25 01:14	10061-01-5	
Cyclohexane	0.585 U	ug/m3	0.689	0.585	1	03/25/25 01:14	03/25/25 01:14	110-82-7	
Dibromochloromethane	0.592 U	ug/m3	1.70	0.592	1	03/25/25 01:14	03/25/25 01:14	124-48-1	
Dichlorodifluoromethane	2.13	ug/m3	0.989	0.399	1	03/25/25 01:14	03/25/25 01:14	75-71-8	
Dichlorotetrafluoroethane	0.529 U	ug/m3	1.40	0.529	1	03/25/25 01:14	03/25/25 01:14	76-14-2	
Ethanol	5.94	ug/m3	4.71	4.47	1	03/25/25 01:14	03/25/25 01:14	64-17-5	
Ethylbenzene	0.337 U	ug/m3	0.867	0.337	1	03/25/25 01:14	03/25/25 01:14	100-41-4	

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ANALYTICAL RESULTS

Project: COT Howard*
Pace Project No.: 35944674

Sample: 6 Lab ID: 35944674006 Collected: 03/21/25 15:30 Received: 03/22/25 09:00 Matrix: Air

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15									
Analytical Method: TO-15 Preparation Method: TO-15									
Pace National - Mt. Juliet									
Hexachloro-1,3-butadiene	0.854 U	ug/m3	6.73	0.854	1	03/25/25 01:14	03/25/25 01:14	87-68-3	
Isopropylbenzene (Cumene)	0.355 U	ug/m3	0.983	0.355	1	03/25/25 01:14	03/25/25 01:14	98-82-8	
m&p-Xylene	0.754 U	ug/m3	1.73	0.754	1	03/25/25 01:14	03/25/25 01:14	179601-23-1	
Methyl methacrylate	0.692 U	ug/m3	0.819	0.692	1	03/25/25 01:14	03/25/25 01:14	80-62-6	
Methyl-tert-butyl ether	0.293 U	ug/m3	0.721	0.293	1	03/25/25 01:14	03/25/25 01:14	1634-04-4	
Methylene Chloride	0.587 U	ug/m3	0.694	0.587	1	03/25/25 01:14	03/25/25 01:14	75-09-2	
n-Heptane	0.466 U	ug/m3	0.818	0.466	1	03/25/25 01:14	03/25/25 01:14	142-82-5	
n-Hexane	4.94	ug/m3	2.22	0.504	1	03/25/25 01:14	03/25/25 01:14	110-54-3	
Naphthalene	3.23 U	ug/m3	3.30	3.23	1	03/25/25 01:14	03/25/25 01:14	91-20-3	
o-Xylene	0.385 U	ug/m3	0.867	0.385	1	03/25/25 01:14	03/25/25 01:14	95-47-6	
Propylene	0.368 U	ug/m3	2.15	0.368	1	03/25/25 01:14	03/25/25 01:14	115-07-1	
Styrene	0.341 U	ug/m3	1.70	0.341	1	03/25/25 01:14	03/25/25 01:14	100-42-5	
Tetrachloroethene	0.754 U	ug/m3	1.36	0.754	1	03/25/25 01:14	03/25/25 01:14	127-18-4	
Tetrahydrofuran	0.484 U	ug/m3	0.590	0.484	1	03/25/25 01:14	03/25/25 01:14	109-99-9	
Toluene	0.490 U	ug/m3	1.88	0.490	1	03/25/25 01:14	03/25/25 01:14	108-88-3	
trans-1,2-Dichloroethene	0.291 U	ug/m3	0.793	0.291	1	03/25/25 01:14	03/25/25 01:14	156-60-5	
trans-1,3-Dichloropropene	0.361 U	ug/m3	0.908	0.361	1	03/25/25 01:14	03/25/25 01:14	10061-02-6	
Trichloroethene	0.364 U	ug/m3	1.07	0.364	1	03/25/25 01:14	03/25/25 01:14	79-01-6	
Trichlorofluoromethane	1.30	ug/m3	1.12	0.433	1	03/25/25 01:14	03/25/25 01:14	75-69-4	
Vinyl acetate	0.341 U	ug/m3	2.22	0.341	1	03/25/25 01:14	03/25/25 01:14	108-05-4	
Vinyl bromide	0.328 U	ug/m3	0.875	0.328	1	03/25/25 01:14	03/25/25 01:14	593-60-2	
Vinyl chloride	0.211 U	ug/m3	0.511	0.211	1	03/25/25 01:14	03/25/25 01:14	75-01-4	
Surrogates									
4-Bromofluorobenzene (S)	94.6	%	60.0-140		1	03/25/25 01:14	03/25/25 01:14	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: COT Howard*
Pace Project No.: 35944674

QC Batch: 2475234 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: VOA (MS) TO-15
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 35944674001, 35944674002, 35944674003, 35944674004, 35944674005, 35944674006

METHOD BLANK: R4190178-3 Matrix: Air
Associated Lab Samples: 35944674001, 35944674002, 35944674003, 35944674004, 35944674005, 35944674006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ppbv	0.0718 U	0.200	0.0718	03/24/25 10:12	
1,1,2,2-Tetrachloroethane	ppbv	0.0695 U	0.200	0.0695	03/24/25 10:12	
1,1,2-Trichloroethane	ppbv	0.0683 U	0.200	0.0683	03/24/25 10:12	
1,1,2-Trichlorotrifluoroethane	ppbv	0.0751 U	0.200	0.0751	03/24/25 10:12	
1,1-Dichloroethane	ppbv	0.0710 U	0.200	0.0710	03/24/25 10:12	
1,1-Dichloroethene	ppbv	0.0747 U	0.200	0.0747	03/24/25 10:12	
1,2,4-Trichlorobenzene	ppbv	0.462 U	0.630	0.462	03/24/25 10:12	
1,2,4-Trimethylbenzene	ppbv	0.0927 U	0.200	0.0927	03/24/25 10:12	
1,2-Dibromoethane (EDB)	ppbv	0.0690 U	0.200	0.0690	03/24/25 10:12	
1,2-Dichlorobenzene	ppbv	0.0734 U	0.200	0.0734	03/24/25 10:12	
1,2-Dichloroethane	ppbv	0.0730 U	0.200	0.0730	03/24/25 10:12	
1,2-Dichloropropane	ppbv	0.0752 U	0.200	0.0752	03/24/25 10:12	
1,3,5-Trimethylbenzene	ppbv	0.0853 U	0.200	0.0853	03/24/25 10:12	
1,3-Butadiene	ppbv	0.158 U	2.00	0.158	03/24/25 10:12	
1,3-Dichlorobenzene	ppbv	0.0753 U	0.200	0.0753	03/24/25 10:12	
1,4-Dichlorobenzene	ppbv	0.0768 U	0.200	0.0768	03/24/25 10:12	
1,4-Dioxane (p-Dioxane)	ppbv	0.164 U	0.630	0.164	03/24/25 10:12	
2,2,4-Trimethylpentane	ppbv	0.0898 U	0.200	0.0898	03/24/25 10:12	
2-Butanone (MEK)	ppbv	0.116 U	1.25	0.116	03/24/25 10:12	
2-Chlorotoluene	ppbv	0.0787 U	0.200	0.0787	03/24/25 10:12	
2-Hexanone	ppbv	0.133 U	1.25	0.133	03/24/25 10:12	
2-Propanol	ppbv	0.680 U	1.25	0.680	03/24/25 10:12	
4-Ethyltoluene	ppbv	0.0887 U	0.200	0.0887	03/24/25 10:12	
4-Methyl-2-pentanone (MIBK)	ppbv	0.106 U	1.25	0.106	03/24/25 10:12	
Acetone	ppbv	0.520 U	1.25	0.520	03/24/25 10:12	
Allyl chloride	ppbv	0.186 U	0.200	0.186	03/24/25 10:12	
Benzene	ppbv	0.110 U	0.200	0.110	03/24/25 10:12	
Benzyl chloride	ppbv	0.0888 U	0.200	0.0888	03/24/25 10:12	
Bromodichloromethane	ppbv	0.0695 U	0.200	0.0695	03/24/25 10:12	
Bromoform	ppbv	0.0755 U	0.630	0.0755	03/24/25 10:12	
Bromomethane	ppbv	0.0938 U	0.200	0.0938	03/24/25 10:12	
Carbon disulfide	ppbv	0.160 U	0.400	0.160	03/24/25 10:12	
Carbon tetrachloride	ppbv	0.0746 U	0.200	0.0746	03/24/25 10:12	
Chlorobenzene	ppbv	0.118 U	0.200	0.118	03/24/25 10:12	
Chloroethane	ppbv	0.110 U	0.200	0.110	03/24/25 10:12	
Chloroform	ppbv	0.104 U	0.200	0.104	03/24/25 10:12	
Chloromethane	ppbv	0.110 U	0.200	0.110	03/24/25 10:12	
cis-1,2-Dichloroethene	ppbv	0.0796 U	0.200	0.0796	03/24/25 10:12	
cis-1,3-Dichloropropene	ppbv	0.0743 U	0.200	0.0743	03/24/25 10:12	
Cyclohexane	ppbv	0.170 U	0.200	0.170	03/24/25 10:12	

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QUALITY CONTROL DATA

Project: COT Howard*
Pace Project No.: 35944674

METHOD BLANK: R4190178-3

Matrix: Air

Associated Lab Samples: 35944674001, 35944674002, 35944674003, 35944674004, 35944674005, 35944674006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ppbv	0.0696 U	0.200	0.0696	03/24/25 10:12	
Dichlorodifluoromethane	ppbv	0.0806 U	0.200	0.0806	03/24/25 10:12	
Dichlorotetrafluoroethane	ppbv	0.0756 U	0.200	0.0756	03/24/25 10:12	
Ethanol	ppbv	2.37 U	2.50	2.37	03/24/25 10:12	
Ethylbenzene	ppbv	0.0778 U	0.200	0.0778	03/24/25 10:12	
Hexachloro-1,3-butadiene	ppbv	0.0800 U	0.630	0.0800	03/24/25 10:12	
Isopropylbenzene (Cumene)	ppbv	0.0722 U	0.200	0.0722	03/24/25 10:12	
m&p-Xylene	ppbv	0.174 U	0.400	0.174	03/24/25 10:12	
Methyl methacrylate	ppbv	0.169 U	0.200	0.169	03/24/25 10:12	
Methyl-tert-butyl ether	ppbv	0.0813 U	0.200	0.0813	03/24/25 10:12	
Methylene Chloride	ppbv	0.169 U	0.200	0.169	03/24/25 10:12	
n-Heptane	ppbv	0.114 U	0.200	0.114	03/24/25 10:12	
n-Hexane	ppbv	0.143 U	0.630	0.143	03/24/25 10:12	
Naphthalene	ppbv	0.617 U	0.630	0.617	03/24/25 10:12	
o-Xylene	ppbv	0.0887 U	0.200	0.0887	03/24/25 10:12	
Propylene	ppbv	0.214 U	1.25	0.214	03/24/25 10:12	
Styrene	ppbv	0.0802 U	0.400	0.0802	03/24/25 10:12	
Tetrachloroethene	ppbv	0.111 U	0.200	0.111	03/24/25 10:12	
Tetrahydrofuran	ppbv	0.164 U	0.200	0.164	03/24/25 10:12	
Toluene	ppbv	0.130 U	0.500	0.130	03/24/25 10:12	
trans-1,2-Dichloroethene	ppbv	0.0735 U	0.200	0.0735	03/24/25 10:12	
trans-1,3-Dichloropropene	ppbv	0.0795 U	0.200	0.0795	03/24/25 10:12	
Trichloroethene	ppbv	0.0680 U	0.200	0.0680	03/24/25 10:12	
Trichlorofluoromethane	ppbv	0.0771 U	0.200	0.0771	03/24/25 10:12	
Vinyl acetate	ppbv	0.0968 U	0.630	0.0968	03/24/25 10:12	
Vinyl bromide	ppbv	0.0749 U	0.200	0.0749	03/24/25 10:12	
Vinyl chloride	ppbv	0.0826 U	0.200	0.0826	03/24/25 10:12	
4-Bromofluorobenzene (S)	%	88.6	60.0-140		03/24/25 10:12	

LABORATORY CONTROL SAMPLE & LCSD: R4190178-1

R4190178-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ppbv	3.75	4.24	4.28	113	114	70.0-130	0.939	25	
1,1,2,2-Tetrachloroethane	ppbv	3.75	4.09	4.13	109	110	70.0-130	0.973	25	
1,1,2-Trichloroethane	ppbv	3.75	4.26	4.29	114	114	70.0-130	0.702	25	
1,1,2-Trichlorotrifluoroethane	ppbv	3.75	4.17	4.26	111	114	70.0-130	2.14	25	
1,1-Dichloroethane	ppbv	3.75	4.15	4.19	111	112	70.0-130	0.959	25	
1,1-Dichloroethene	ppbv	3.75	4.02	4.05	107	108	70.0-130	0.743	25	
1,2,4-Trichlorobenzene	ppbv	3.75	4.46	4.48	119	119	70.0-160	0.447	25	
1,2,4-Trimethylbenzene	ppbv	3.75	4.31	4.34	115	116	70.0-130	0.694	25	
1,2-Dibromoethane (EDB)	ppbv	3.75	4.25	4.21	113	112	70.0-130	0.946	25	
1,2-Dichlorobenzene	ppbv	3.75	4.34	4.45	116	119	70.0-130	2.50	25	
1,2-Dichloroethane	ppbv	3.75	4.06	4.15	108	111	70.0-130	2.19	25	
1,2-Dichloropropane	ppbv	3.75	4.05	4.01	108	107	70.0-130	0.993	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: COT Howard*
Pace Project No.: 35944674

LABORATORY CONTROL SAMPLE & LCSD: R4190178-1			R4190178-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,3,5-Trimethylbenzene	ppbv	3.75	4.36	4.40	116	117	70.0-130	0.913	25	
1,3-Butadiene	ppbv	3.75	3.98	4.04	106	108	70.0-130	1.50	25	
1,3-Dichlorobenzene	ppbv	3.75	4.34	4.39	116	117	70.0-130	1.15	25	
1,4-Dichlorobenzene	ppbv	3.75	4.35	4.29	116	114	70.0-130	1.39	25	
1,4-Dioxane (p-Dioxane)	ppbv	3.75	4.20	4.08	112	109	70.0-140	2.90	25	
2,2,4-Trimethylpentane	ppbv	3.75	3.89	3.92	104	105	70.0-130	0.768	25	
2-Butanone (MEK)	ppbv	3.75	4.10	4.11	109	110	70.0-130	0.244	25	
2-Chlorotoluene	ppbv	3.75	4.21	4.29	112	114	70.0-130	1.88	25	
2-Hexanone	ppbv	3.75	3.88	3.86	103	103	70.0-149	0.517	25	
2-Propanol	ppbv	3.75	4.01	4.09	107	109	70.0-139	1.98	25	
4-Ethyltoluene	ppbv	3.75	4.27	4.28	114	114	70.0-130	0.234	25	
4-Methyl-2-pentanone (MIBK)	ppbv	3.75	3.94	3.97	105	106	70.0-139	0.759	25	
Acetone	ppbv	3.75	3.69	3.74	98.4	99.7	70.0-130	1.35	25	
Allyl chloride	ppbv	3.75	3.98	4.24	106	113	70.0-130	6.33	25	
Benzene	ppbv	3.75	4.15	4.14	111	110	70.0-130	0.241	25	
Benzyl chloride	ppbv	3.75	4.08	4.12	109	110	70.0-152	0.976	25	
Bromodichloromethane	ppbv	3.75	4.11	4.12	110	110	70.0-130	0.243	25	
Bromoform	ppbv	3.75	4.13	4.09	110	109	70.0-130	0.973	25	
Bromomethane	ppbv	3.75	4.25	4.07	113	109	70.0-130	4.33	25	
Carbon disulfide	ppbv	7.50	7.91	8.02	105	107	70.0-130	1.38	25	
Carbon tetrachloride	ppbv	3.75	4.31	4.29	115	114	70.0-130	0.465	25	
Chlorobenzene	ppbv	3.75	4.18	4.18	111	111	70.0-130	0.00	25	
Chloroethane	ppbv	3.75	4.17	4.01	111	107	70.0-130	3.91	25	
Chloroform	ppbv	3.75	4.18	4.23	111	113	70.0-130	1.19	25	
Chloromethane	ppbv	3.75	3.98	3.84	106	102	70.0-130	3.58	25	
cis-1,2-Dichloroethene	ppbv	3.75	4.21	4.02	112	107	70.0-130	4.62	25	
cis-1,3-Dichloropropene	ppbv	3.75	3.98	3.95	106	105	70.0-130	0.757	25	
Cyclohexane	ppbv	3.75	4.06	4.12	108	110	70.0-130	1.47	25	
Dibromochloromethane	ppbv	3.75	4.33	4.31	115	115	70.0-130	0.463	25	
Dichlorodifluoromethane	ppbv	3.75	3.93	3.96	105	106	64.0-139	0.760	25	
Dichlorotetrafluoroethane	ppbv	3.75	4.14	4.21	110	112	70.0-130	1.68	25	
Ethanol	ppbv	3.75	3.85	3.71	103	98.9	55.0-148	3.70	25	
Ethylbenzene	ppbv	3.75	4.16	4.16	111	111	70.0-130	0.00	25	
Hexachloro-1,3-butadiene	ppbv	3.75	4.30	4.32	115	115	70.0-151	0.464	25	
Isopropylbenzene (Cumene)	ppbv	3.75	4.17	4.27	111	114	70.0-130	2.37	25	
m&p-Xylene	ppbv	7.50	8.33	8.40	111	112	70.0-130	0.837	25	
Methyl methacrylate	ppbv	3.75	4.00	3.96	107	106	70.0-130	1.01	25	
Methyl-tert-butyl ether	ppbv	3.75	4.07	4.20	109	112	70.0-130	3.14	25	
Methylene Chloride	ppbv	3.75	4.05	3.84	108	102	70.0-130	5.32	25	
n-Heptane	ppbv	3.75	3.90	4.08	104	109	70.0-130	4.51	25	
n-Hexane	ppbv	3.75	4.01	4.01	107	107	70.0-130	0.00	25	
Naphthalene	ppbv	3.75	4.41	4.42	118	118	70.0-159	0.227	25	
o-Xylene	ppbv	3.75	4.17	4.15	111	111	70.0-130	0.481	25	
Propylene	ppbv	3.75	3.89	4.00	104	107	64.0-144	2.79	25	
Styrene	ppbv	7.50	8.44	8.56	113	114	70.0-130	1.41	25	
Tetrachloroethene	ppbv	3.75	4.29	4.32	114	115	70.0-130	0.697	25	
Tetrahydrofuran	ppbv	3.75	3.77	3.87	101	103	70.0-137	2.62	25	

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QUALITY CONTROL DATA

Project: COT Howard*
Pace Project No.: 35944674

LABORATORY CONTROL SAMPLE & LCSD: R4190178-1			R4190178-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	ppbv	3.75	4.12	4.13	110	110	70.0-130	0.242	25	
trans-1,2-Dichloroethene	ppbv	3.75	4.13	4.19	110	112	70.0-130	1.44	25	
trans-1,3-Dichloropropene	ppbv	3.75	3.94	3.89	105	104	70.0-130	1.28	25	
Trichloroethene	ppbv	3.75	4.20	4.22	112	113	70.0-130	0.475	25	
Trichlorofluoromethane	ppbv	3.75	4.19	4.30	112	115	70.0-130	2.59	25	
Vinyl acetate	ppbv	3.75	3.87	3.84	103	102	70.0-130	0.778	25	
Vinyl bromide	ppbv	3.75	4.16	4.14	111	110	70.0-130	0.482	25	
Vinyl chloride	ppbv	3.75	4.11	4.16	110	111	70.0-130	1.21	25	
4-Bromofluorobenzene (S)	%				95.7	96.8	60.0-140			

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QUALIFIERS

Project: COT Howard*
Pace Project No.: 35944674

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: COT Howard*
Pace Project No.: 35944674

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35944674001	1	TO-15	2475234	TO-15	2475234
35944674002	2	TO-15	2475234	TO-15	2475234
35944674003	3	TO-15	2475234	TO-15	2475234
35944674004	4	TO-15	2475234	TO-15	2475234
35944674005	5	TO-15	2475234	TO-15	2475234
35944674006	6	TO-15	2475234	TO-15	2475234

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Pace		Air CHAIN-OF-CUSTODY Analytical Request Document		LAB USE ONLY: Affix Workorder/Log	
Pace* Location Requested (City/State)		Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.			
Company Name Pace Analytical - Pompano Beach, FL Street Address 3610 Park Central Blvd N Pompano Beach, FL 33064 City, State Zip Customer Project # 2024212 Project Name COT HOWARD Site Collection Info/Facility ID (as applicable) PACEBFL-EECAIR Time Zone Collected: [] AX [] PT [] MT [] CT [] ET		Contact/Report To Cameron Meynardie Phone #: 813-749-5075 E-Mail: cameron.meynardie@pacelabs.com; FL35_SUB@pacelabs.com Cc E-Mail: Invoice to: Invoice #: E-Mail: Purchase Order # (if applicable): Quote #: State origin of sample(s):		Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N Airs: 1L ☒ 6L ☐ 14L COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Unused: _____ Tag Color: G ☒ M ☐ P ☐ B Condition: ☒ OK ☐ NCF	
Data Deliverables: [] Level II [] Level III [] Level IV [] EQUIS [] Other: _____ Regulatory Program (CAA, RCRA, etc.) as applicable: Rush (Pre approval required): 2 Day 3 day 5 day Other _____ Date Results Requested: _____ Permit # as applicable: _____ Units for Reporting: ug/m ³ PPB/ mg/m ³ PPMV		Canister Pressure / Vacuum Start Pressure / Vacuum (in Hg): _____ End Pressure / Vacuum (in Hg): _____ Duration (minutes): _____ Flow Rate (m³/min or L/min): _____ Total Volume Sampled (m³ or L): _____ TO-15 TIC Summa		Analyses Requested Proj Manager: ANJ 3/19/25 AccNum / Client ID: 1839185 Table #: PACEBFL Profile / Template: T270581 Prelog / Bottle Chid ID: P1139632 Sample Comment:	
* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)					
Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection Date Time	End Collection Date Time
1	AIR			3/20 338 3/21 338	30 0.25 24mm
2				11 345 1 345	29.25 3.0 24mm
3				1 355 1 355	30 5.0 11
4				1 313 1 313	30 0.25 11
5				1 323 1 323	29 1.5 11
6				1 330 1 330	29.5 2.0 11
Customer Remarks / Special Conditions / Possible Hazards: Top 25 TICs needed					
Relinquished by/Company (Signature): ANJ Date/Time: 3/19/25 15:55PM Relinquished by/Company (Signature): MJS Date/Time: 3/21/25 Relinquished by/Company (Signature): Date/Time: Relinquished by/Company (Signature):		Collected By: MATTHEW SCOTT Printed Name: COT HOWARD Signature: [Signature] Received by/Company (Signature): [Signature] Date/Time: 03/22 0900 Received by/Company (Signature): Date/Time: Received by/Company (Signature): Date/Time:			
Additional Instructions from Pace*: # Coolers: _____ Thermometer ID: _____ Correction Factor (°C): _____ Obs Temp (°C): _____ Storage Temp (°C): _____ Tracking Number: _____ Delivered by: In Person Courier Signature: [Signature] UPS: _____ Other: _____ Page: 1 of 1					

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace* Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

DC#_Title: Excel Form Template
Effective Date:

Multiple Parcel Form

L# L1839185

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
7728 9011 1546	N/A	AMB	+0.0	AMB	Yes / No / <u>Not Present</u>
7728 9011 2605	↓	↓	↓	↓	Yes / No / <u>Not Present</u>
7728 9011 0940	↓	↓	↓	↓	Yes / No / <u>Not Present</u>
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Elijah Wilson

Name

03/22/25

Date