Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 13, 2024

David Cochran
City of Bristol VA
2655 Valley Dr
Bristol, VA 24201

RE: Project: City of Bristol
Pace Project No.: 92768898

Dear David Cochran:

Enclosed are the analytical results for sample(s) received by the laboratory on December 11, 2024. 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,

Eben Buchanan
eben.buchanan@pacelabs.com
(770)734-4200
Project Manager

Enclosures

cc: Karen Culbertson, City of Bristol VA
Jonathan Hayes
Logan Howard, City of Bristol VA
Jennifer Robb, City of Bristol VA

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CERTIFICATIONS

Project: City of Bristol
Pace Project No.: 92768898

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: City of Bristol
Pace Project No.: 92768898

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92768898001	**December 24hr Sample**	Air	12/10/24 13:01	12/11/24 09:00

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SAMPLE ANALYTE COUNT

Project: City of Bristol
Pace Project No.: 92768898

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92768898001	**December 24hr Sample**	TO-15	DAH	72	PAN

PAN = Pace National - Mt. Juliet

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SUMMARY OF DETECTION

Project: City of Bristol
Pace Project No.: 92768898

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92768898001	**December 24hr Sample**					
TO-15	1,4-Dichlorobenzene	2.12	ug/m3	1.20	12/12/24 22:32	
TO-15	2-Butanone (MEK)	0.843J	ug/m3	3.69	12/12/24 22:32	J
TO-15	Acetone	8.15	ug/m3	2.97	12/12/24 22:32	
TO-15	Acetonitrile	2.27J	ug/m3	8.39	12/12/24 22:32	J
TO-15	Benzene	3.17	ug/m3	0.639	12/12/24 22:32	
TO-15	Chloromethane	1.15	ug/m3	0.413	12/12/24 22:32	
TO-15	Dichlorodifluoromethane	2.24	ug/m3	0.989	12/12/24 22:32	
TO-15	Ethylbenzene	0.659J	ug/m3	0.867	12/12/24 22:32	J
TO-15	Propylene	1.47J	ug/m3	2.15	12/12/24 22:32	J
TO-15	Toluene	1.08J	ug/m3	1.88	12/12/24 22:32	J
TO-15	Trichlorofluoromethane	1.16	ug/m3	1.12	12/12/24 22:32	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: City of Bristol
Pace Project No.: 92768898

Method: **TO-15**
Description: VOA (MS) TO-15
Client: City of Bristol VA
Date: December 13, 2024

General Information:
1 sample was analyzed for TO-15 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 2417586

D8: The sample and duplicate results for this parameter are less than 5 times the reporting limit, the RPD may not be statistically valid.

- DUP (Lab ID: R4157068-4)
  - Gasoline
  - Methylene Chloride
- DUP (Lab ID: R4157068-5)
  - Gasoline

Additional Comments:

Analyte Comments:

QC Batch: 2417586

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- DUP (Lab ID: R4157068-4)
  - Ethanol
- DUP (Lab ID: R4157068-5)
  - Ethanol

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: City of Bristol
Pace Project No.: 92768898

Sample: December 24hr Sample **Lab ID: 92768898001** Collected: 12/10/24 13:01 Received: 12/11/24 09:00 Matrix: Air

Parameters	Results	Units	Report Limit	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	ND	ug/m3	1.09	0.391	1	12/12/24 22:32	12/12/24 22:32	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.37	0.478	1	12/12/24 22:32	12/12/24 22:32	79-34-5	
1,1,2-Trichloroethane	ND	ug/m3	1.09	0.372	1	12/12/24 22:32	12/12/24 22:32	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.53	0.576	1	12/12/24 22:32	12/12/24 22:32	76-13-1	
1,1-Dichloroethane	ND	ug/m3	0.802	0.285	1	12/12/24 22:32	12/12/24 22:32	75-34-3	
1,1-Dichloroethene	ND	ug/m3	0.793	0.296	1	12/12/24 22:32	12/12/24 22:32	75-35-4	
1,2,4-Trichlorobenzene	ND	ug/m3	4.66	3.42	1	12/12/24 22:32	12/12/24 22:32	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/m3	0.982	0.455	1	12/12/24 22:32	12/12/24 22:32	95-63-6	
1,2-Dibromoethane (EDB)	ND	ug/m3	1.54	0.531	1	12/12/24 22:32	12/12/24 22:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.20	0.441	1	12/12/24 22:32	12/12/24 22:32	95-50-1	
1,2-Dichloroethane	ND	ug/m3	0.810	0.296	1	12/12/24 22:32	12/12/24 22:32	107-06-2	
1,2-Dichloropropane	ND	ug/m3	0.924	0.348	1	12/12/24 22:32	12/12/24 22:32	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/m3	0.982	0.419	1	12/12/24 22:32	12/12/24 22:32	108-67-8	
1,3-Butadiene	ND	ug/m3	4.43	0.350	1	12/12/24 22:32	12/12/24 22:32	106-99-0	
1,3-Dichlorobenzene	ND	ug/m3	1.20	0.453	1	12/12/24 22:32	12/12/24 22:32	541-73-1	
1,4-Dichlorobenzene	**2.12**	ug/m3	1.20	0.462	1	12/12/24 22:32	12/12/24 22:32	106-46-7	
1,4-Dioxane (p-Dioxane)	ND	ug/m3	2.27	0.591	1	12/12/24 22:32	12/12/24 22:32	123-91-1	
2,2,4-Trimethylpentane	ND	ug/m3	0.934	0.420	1	12/12/24 22:32	12/12/24 22:32	540-84-1	
2-Butanone (MEK)	**0.843J**	ug/m3	3.69	0.342	1	12/12/24 22:32	12/12/24 22:32	78-93-3	J
2-Chlorotoluene	ND	ug/m3	1.03	0.406	1	12/12/24 22:32	12/12/24 22:32	95-49-8	
2-Hexanone	ND	ug/m3	5.11	0.544	1	12/12/24 22:32	12/12/24 22:32	591-78-6	
2-Propanol	ND	ug/m3	3.07	1.67	1	12/12/24 22:32	12/12/24 22:32	67-63-0	
4-Ethyltoluene	ND	ug/m3	0.982	0.435	1	12/12/24 22:32	12/12/24 22:32	622-96-8	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	5.12	0.434	1	12/12/24 22:32	12/12/24 22:32	108-10-1	
Acetone	**8.15**	ug/m3	2.97	1.24	1	12/12/24 22:32	12/12/24 22:32	67-64-1	
Acetonitrile	**2.27J**	ug/m3	8.39	0.702	1	12/12/24 22:32	12/12/24 22:32	75-05-8	J
Allyl chloride	ND	ug/m3	0.626	0.582	1	12/12/24 22:32	12/12/24 22:32	107-05-1	
Benzene	**3.17**	ug/m3	0.639	0.351	1	12/12/24 22:32	12/12/24 22:32	71-43-2	
Benzyl chloride	ND	ug/m3	1.04	0.461	1	12/12/24 22:32	12/12/24 22:32	100-44-7	
Bromodichloromethane	ND	ug/m3	1.34	0.466	1	12/12/24 22:32	12/12/24 22:32	75-27-4	
Bromoform	ND	ug/m3	6.52	0.781	1	12/12/24 22:32	12/12/24 22:32	75-25-2	
Bromomethane	ND	ug/m3	0.776	0.364	1	12/12/24 22:32	12/12/24 22:32	74-83-9	
Carbon disulfide	ND	ug/m3	1.24	0.498	1	12/12/24 22:32	12/12/24 22:32	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.26	0.470	1	12/12/24 22:32	12/12/24 22:32	56-23-5	
Chlorobenzene	ND	ug/m3	0.924	0.545	1	12/12/24 22:32	12/12/24 22:32	108-90-7	
Chloroethane	ND	ug/m3	0.528	0.290	1	12/12/24 22:32	12/12/24 22:32	75-00-3	
Chloroform	ND	ug/m3	0.973	0.506	1	12/12/24 22:32	12/12/24 22:32	67-66-3	
Chloromethane	**1.15**	ug/m3	0.413	0.227	1	12/12/24 22:32	12/12/24 22:32	74-87-3	
cis-1,2-Dichloroethene	ND	ug/m3	0.793	0.315	1	12/12/24 22:32	12/12/24 22:32	156-59-2	
cis-1,3-Dichloropropene	ND	ug/m3	0.908	0.337	1	12/12/24 22:32	12/12/24 22:32	10061-01-5	
Cyclohexane	ND	ug/m3	0.689	0.585	1	12/12/24 22:32	12/12/24 22:32	110-82-7	
Dibromochloromethane	ND	ug/m3	1.70	0.592	1	12/12/24 22:32	12/12/24 22:32	124-48-1	
Dichlorodifluoromethane	**2.24**	ug/m3	0.989	0.399	1	12/12/24 22:32	12/12/24 22:32	75-71-8	
Dichlorotetrafluoroethane	ND	ug/m3	1.40	0.529	1	12/12/24 22:32	12/12/24 22:32	76-14-2	
Ethanol	ND	ug/m3	4.71	4.47	1	12/12/24 22:32	12/12/24 22:32	64-17-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: City of Bristol
Pace Project No.: 92768898

Sample: December 24hr Sample **Lab ID: 92768898001** Collected: 12/10/24 13:01 Received: 12/11/24 09:00 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15	Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet								
Ethyl acetate	ND	ug/m3	2.27	0.594	1	12/12/24 22:32	12/12/24 22:32	141-78-6	
Ethylbenzene	**0.659J**	ug/m3	0.867	0.337	1	12/12/24 22:32	12/12/24 22:32	100-41-4	J
Gasoline	ND	ug/m3	1030	818	1	12/12/24 22:32	12/12/24 22:32	8006-61-9	
Hexachloro-1,3-butadiene	ND	ug/m3	6.73	0.854	1	12/12/24 22:32	12/12/24 22:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/m3	0.983	0.355	1	12/12/24 22:32	12/12/24 22:32	98-82-8	
m&p-Xylene	ND	ug/m3	1.73	0.754	1	12/12/24 22:32	12/12/24 22:32	179601-23-1	
Methyl methacrylate	ND	ug/m3	0.819	0.692	1	12/12/24 22:32	12/12/24 22:32	80-62-6	
Methyl-tert-butyl ether	ND	ug/m3	0.721	0.293	1	12/12/24 22:32	12/12/24 22:32	1634-04-4	
Methylene Chloride	ND	ug/m3	0.694	0.587	1	12/12/24 22:32	12/12/24 22:32	75-09-2	
n-Heptane	ND	ug/m3	0.818	0.466	1	12/12/24 22:32	12/12/24 22:32	142-82-5	
n-Hexane	ND	ug/m3	2.22	0.504	1	12/12/24 22:32	12/12/24 22:32	110-54-3	
Naphthalene	ND	ug/m3	3.30	3.23	1	12/12/24 22:32	12/12/24 22:32	91-20-3	
o-Xylene	ND	ug/m3	0.867	0.385	1	12/12/24 22:32	12/12/24 22:32	95-47-6	
Propylene	**1.47J**	ug/m3	2.15	0.368	1	12/12/24 22:32	12/12/24 22:32	115-07-1	J
Styrene	ND	ug/m3	1.70	0.341	1	12/12/24 22:32	12/12/24 22:32	100-42-5	
Tetrachloroethene	ND	ug/m3	1.36	0.754	1	12/12/24 22:32	12/12/24 22:32	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.590	0.484	1	12/12/24 22:32	12/12/24 22:32	109-99-9	
Toluene	**1.08J**	ug/m3	1.88	0.490	1	12/12/24 22:32	12/12/24 22:32	108-88-3	J
trans-1,2-Dichloroethene	ND	ug/m3	0.793	0.291	1	12/12/24 22:32	12/12/24 22:32	156-60-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.908	0.361	1	12/12/24 22:32	12/12/24 22:32	10061-02-6	
Trichloroethene	ND	ug/m3	1.07	0.364	1	12/12/24 22:32	12/12/24 22:32	79-01-6	
Trichlorofluoromethane	**1.16**	ug/m3	1.12	0.433	1	12/12/24 22:32	12/12/24 22:32	75-69-4	
Vinyl acetate	ND	ug/m3	2.22	0.341	1	12/12/24 22:32	12/12/24 22:32	108-05-4	
Vinyl bromide	ND	ug/m3	0.875	0.328	1	12/12/24 22:32	12/12/24 22:32	593-60-2	
Vinyl chloride	ND	ug/m3	0.511	0.211	1	12/12/24 22:32	12/12/24 22:32	75-01-4	
Xylene (Total)	ND	ug/m3	2.61	0.385	1	12/12/24 22:32	12/12/24 22:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90.8	%	60.0-140		1	12/12/24 22:32	12/12/24 22:32	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

QC Batch: 2417586
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: VOA (MS) TO-15
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92768898001

METHOD BLANK: R4157068-3 Matrix: Air

Associated Lab Samples: 92768898001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.09	0.391	12/12/24 09:43	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.37	0.478	12/12/24 09:43	
1,1,2-Trichloroethane	ug/m3	ND	1.09	0.372	12/12/24 09:43	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.53	0.576	12/12/24 09:43	
1,1-Dichloroethane	ug/m3	ND	0.802	0.285	12/12/24 09:43	
1,1-Dichloroethene	ug/m3	ND	0.793	0.296	12/12/24 09:43	
1,2,4-Trichlorobenzene	ug/m3	ND	4.66	3.42	12/12/24 09:43	
1,2,4-Trimethylbenzene	ug/m3	ND	0.982	0.455	12/12/24 09:43	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.54	0.531	12/12/24 09:43	
1,2-Dichlorobenzene	ug/m3	ND	1.20	0.441	12/12/24 09:43	
1,2-Dichloroethane	ug/m3	ND	0.810	0.296	12/12/24 09:43	
1,2-Dichloropropane	ug/m3	ND	0.924	0.348	12/12/24 09:43	
1,3,5-Trimethylbenzene	ug/m3	ND	0.982	0.419	12/12/24 09:43	
1,3-Butadiene	ug/m3	ND	4.43	0.350	12/12/24 09:43	
1,3-Dichlorobenzene	ug/m3	ND	1.20	0.453	12/12/24 09:43	
1,4-Dichlorobenzene	ug/m3	ND	1.20	0.462	12/12/24 09:43	
1,4-Dioxane (p-Dioxane)	ug/m3	ND	2.27	0.591	12/12/24 09:43	
2,2,4-Trimethylpentane	ug/m3	ND	0.934	0.420	12/12/24 09:43	
2-Butanone (MEK)	ug/m3	ND	3.69	0.342	12/12/24 09:43	
2-Chlorotoluene	ug/m3	ND	1.03	0.406	12/12/24 09:43	
2-Hexanone	ug/m3	ND	5.11	0.544	12/12/24 09:43	
2-Propanol	ug/m3	ND	3.07	1.67	12/12/24 09:43	
4-Ethyltoluene	ug/m3	ND	0.982	0.435	12/12/24 09:43	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	5.12	0.434	12/12/24 09:43	
Acetone	ug/m3	ND	2.97	1.24	12/12/24 09:43	
Acetonitrile	ug/m3	ND	8.39	0.702	12/12/24 09:43	
Allyl chloride	ug/m3	ND	0.626	0.582	12/12/24 09:43	
Benzene	ug/m3	ND	0.639	0.351	12/12/24 09:43	
Benzyl chloride	ug/m3	ND	1.04	0.461	12/12/24 09:43	
Bromodichloromethane	ug/m3	ND	1.34	0.466	12/12/24 09:43	
Bromoform	ug/m3	ND	6.52	0.781	12/12/24 09:43	
Bromomethane	ug/m3	ND	0.776	0.364	12/12/24 09:43	
Carbon disulfide	ug/m3	ND	1.24	0.498	12/12/24 09:43	
Carbon tetrachloride	ug/m3	ND	1.26	0.470	12/12/24 09:43	
Chlorobenzene	ug/m3	ND	0.924	0.545	12/12/24 09:43	
Chloroethane	ug/m3	ND	0.528	0.290	12/12/24 09:43	
Chloroform	ug/m3	ND	0.973	0.506	12/12/24 09:43	
Chloromethane	ug/m3	ND	0.413	0.227	12/12/24 09:43	
cis-1,2-Dichloroethene	ug/m3	ND	0.793	0.315	12/12/24 09:43	
cis-1,3-Dichloropropene	ug/m3	ND	0.908	0.337	12/12/24 09:43	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

METHOD BLANK: R4157068-3 Matrix: Air
Associated Lab Samples: 92768898001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyclohexane	ug/m3	ND	0.689	0.585	12/12/24 09:43	
Dibromochloromethane	ug/m3	ND	1.70	0.592	12/12/24 09:43	
Dichlorodifluoromethane	ug/m3	ND	0.989	0.399	12/12/24 09:43	
Dichlorotetrafluoroethane	ug/m3	ND	1.40	0.529	12/12/24 09:43	
Ethanol	ug/m3	ND	4.71	4.47	12/12/24 09:43	
Ethyl acetate	ug/m3	ND	2.27	0.594	12/12/24 09:43	
Ethylbenzene	ug/m3	ND	0.867	0.337	12/12/24 09:43	
Gasoline	ug/m3	ND	1030	818	12/12/24 09:43	
Hexachloro-1,3-butadiene	ug/m3	ND	6.73	0.854	12/12/24 09:43	
Isopropylbenzene (Cumene)	ug/m3	ND	0.983	0.355	12/12/24 09:43	
m&p-Xylene	ug/m3	ND	1.73	0.754	12/12/24 09:43	
Methyl methacrylate	ug/m3	ND	0.819	0.692	12/12/24 09:43	
Methyl-tert-butyl ether	ug/m3	ND	0.721	0.293	12/12/24 09:43	
Methylene Chloride	ug/m3	ND	0.694	0.587	12/12/24 09:43	
n-Heptane	ug/m3	ND	0.818	0.466	12/12/24 09:43	
n-Hexane	ug/m3	ND	2.22	0.504	12/12/24 09:43	
Naphthalene	ug/m3	ND	3.30	3.23	12/12/24 09:43	
o-Xylene	ug/m3	ND	0.867	0.385	12/12/24 09:43	
Propylene	ug/m3	ND	2.15	0.368	12/12/24 09:43	
Styrene	ug/m3	ND	1.70	0.341	12/12/24 09:43	
Tetrachloroethene	ug/m3	ND	1.36	0.754	12/12/24 09:43	
Tetrahydrofuran	ug/m3	ND	0.590	0.484	12/12/24 09:43	
Toluene	ug/m3	ND	1.88	0.490	12/12/24 09:43	
trans-1,2-Dichloroethene	ug/m3	ND	0.793	0.291	12/12/24 09:43	
trans-1,3-Dichloropropene	ug/m3	ND	0.908	0.361	12/12/24 09:43	
Trichloroethene	ug/m3	ND	1.07	0.364	12/12/24 09:43	
Trichlorofluoromethane	ug/m3	ND	1.12	0.433	12/12/24 09:43	
Vinyl acetate	ug/m3	ND	2.22	0.341	12/12/24 09:43	
Vinyl bromide	ug/m3	ND	0.875	0.328	12/12/24 09:43	
Vinyl chloride	ug/m3	ND	0.511	0.211	12/12/24 09:43	
Xylene (Total)	ug/m3	ND	2.61	0.385	12/12/24 09:43	
4-Bromofluorobenzene (S)	%	93.8	60.0-140		12/12/24 09:43	

LABORATORY CONTROL SAMPLE & LCSD: R4157068-1 R4157068-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	3.75	20.8	20.6	102	101	70.0-130	1.31	25	
1,1,2,2-Tetrachloroethane	ug/m3	3.75	25.8	25.4	100	98.7	70.0-130	1.34	25	
1,1,2-Trichloroethane	ug/m3	3.75	20.6	20.1	101	98.4	70.0-130	2.41	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	3.75	29.0	29.3	101	102	70.0-130	1.05	25	
1,1-Dichloroethane	ug/m3	3.75	15.2	15.2	101	101	70.0-130	0.528	25	
1,1-Dichloroethene	ug/m3	3.75	15.0	15.1	101	101	70.0-130	0.264	25	
1,2,4-Trichlorobenzene	ug/m3	3.75	24.7	24.9	88.8	89.6	70.0-160	0.897	25	
1,2,4-Trimethylbenzene	ug/m3	3.75	19.5	19.6	106	106	70.0-130	0.503	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

LABORATORY CONTROL SAMPLE & LCSD: R4157068-1 R4157068-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/m3	3.75	29.8	29.4	103	102	70.0-130	1.04	25	
1,2-Dichlorobenzene	ug/m3	3.75	23.9	24.0	106	106	70.0-130	0.251	25	
1,2-Dichloroethane	ug/m3	3.75	15.7	15.5	103	102	70.0-130	0.778	25	
1,2-Dichloropropane	ug/m3	3.75	17.6	17.4	101	100	70.0-130	1.06	25	
1,3,5-Trimethylbenzene	ug/m3	3.75	19.6	19.7	106	107	70.0-130	0.500	25	
1,3-Butadiene	ug/m3	3.75	8.34	8.28	101	99.7	70.0-130	0.799	25	
1,3-Dichlorobenzene	ug/m3	3.75	23.3	22.8	103	101	70.0-130	2.35	25	
1,4-Dichlorobenzene	ug/m3	3.75	22.6	22.6	100	100	70.0-130	0.00	25	
1,4-Dioxane (p-Dioxane)	ug/m3	3.75	15.1	14.7	111	109	70.0-140	2.42	25	
2,2,4-Trimethylpentane	ug/m3	3.75	17.8	18.0	102	103	70.0-130	0.782	25	
2-Butanone (MEK)	ug/m3	3.75	11.3	11.2	102	101	70.0-130	0.525	25	
2-Chlorotoluene	ug/m3	3.75	19.1	19.0	98.9	98.4	70.0-130	0.541	25	
2-Hexanone	ug/m3	3.75	16.8	16.4	109	107	70.0-149	2.22	25	
2-Propanol	ug/m3	3.75	9.44	9.41	102	102	70.0-139	0.261	25	
4-Ethyltoluene	ug/m3	3.75	19.2	19.8	104	107	70.0-130	3.02	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	3.75	16.7	16.5	109	107	70.0-139	0.988	25	
Acetone	ug/m3	3.75	8.79	8.63	98.7	96.8	70.0-130	1.91	25	
Acetonitrile	ug/m3	18.8	31.9	31.7	101	101	70.0-130	0.528	25	
Allyl chloride	ug/m3	3.75	11.8	11.9	100	102	70.0-130	1.32	25	
Benzene	ug/m3	3.75	11.9	11.8	98.9	98.1	70.0-130	0.812	25	
Benzyl chloride	ug/m3	3.75	19.3	19.2	98.9	98.7	70.0-152	0.270	25	
Bromodichloromethane	ug/m3	3.75	25.8	25.3	102	101	70.0-130	1.84	25	
Bromoform	ug/m3	3.75	38.2	37.7	98.4	97.1	70.0-130	1.36	25	
Bromomethane	ug/m3	3.75	14.7	14.6	101	100	70.0-130	0.531	25	
Carbon disulfide	ug/m3	7.50	23.6	23.5	101	101	70.0-130	0.396	25	
Carbon tetrachloride	ug/m3	3.75	24.1	24.1	102	102	70.0-130	0.00	25	
Chlorobenzene	ug/m3	3.75	17.6	17.3	102	99.7	70.0-130	1.85	25	
Chloroethane	ug/m3	3.75	9.76	9.71	98.7	98.1	70.0-130	0.542	25	
Chloroform	ug/m3	3.75	18.5	18.6	102	102	70.0-130	0.524	25	
Chloromethane	ug/m3	3.75	7.79	7.77	101	100	70.0-130	0.266	25	
cis-1,2-Dichloroethene	ug/m3	3.75	15.1	14.9	102	100	70.0-130	1.58	25	
cis-1,3-Dichloropropene	ug/m3	3.75	16.8	16.5	98.7	97.1	70.0-130	1.63	25	
Cyclohexane	ug/m3	3.75	12.5	12.9	96.8	100	70.0-130	3.25	25	
Dibromochloromethane	ug/m3	3.75	33.4	32.8	105	103	70.0-130	1.80	25	
Dichlorodifluoromethane	ug/m3	3.75	18.8	19.2	101	104	64.0-139	2.34	25	
Dichlorotetrafluoroethane	ug/m3	3.75	26.4	26.2	101	100	70.0-130	0.797	25	
Ethanol	ug/m3	3.75	6.79	6.73	96.0	95.2	55.0-148	0.837	25	
Ethyl acetate	ug/m3	3.75	14.1	13.9	104	103	70.0-130	1.03	25	
Ethylbenzene	ug/m3	3.75	15.9	15.9	97.6	97.9	70.0-130	0.273	25	
Gasoline	ug/m3	349	1320	1320	91.4	91.4	70.0-130	0.00	25	
Hexachloro-1,3-butadiene	ug/m3	3.75	37.4	37.9	93.3	94.7	70.0-151	1.42	25	
Isopropylbenzene (Cumene)	ug/m3	3.75	18.5	18.6	100	101	70.0-130	0.531	25	
m&p-Xylene	ug/m3	7.50	33.5	33.3	103	103	70.0-130	0.389	25	
Methyl methacrylate	ug/m3	3.75	15.8	15.8	103	103	70.0-130	0.259	25	
Methyl-tert-butyl ether	ug/m3	3.75	13.4	13.7	99.2	101	70.0-130	2.13	25	
Methylene Chloride	ug/m3	3.75	12.9	13.0	98.9	99.7	70.0-130	0.805	25	
n-Heptane	ug/m3	3.75	15.7	15.6	102	102	70.0-130	0.784	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

LABORATORY CONTROL SAMPLE & LCSD: R4157068-1 R4157068-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	3.75	13.0	13.2	98.7	99.5	70.0-130	0.808	25	
Naphthalene	ug/m3	3.75	16.6	16.4	84.5	83.5	70.0-159	1.27	25	
o-Xylene	ug/m3	3.75	17.4	17.2	107	106	70.0-130	1.25	25	
Propylene	ug/m3	3.75	6.41	6.22	99.2	96.3	64.0-144	3.00	25	
Styrene	ug/m3	7.50	34.0	34.2	107	107	70.0-130	0.748	25	
Tetrachloroethene	ug/m3	3.75	25.9	25.1	102	98.4	70.0-130	3.20	25	
Tetrahydrofuran	ug/m3	3.75	11.0	11.0	99.7	99.5	70.0-137	0.268	25	
Toluene	ug/m3	3.75	13.8	13.7	97.9	97.3	70.0-130	0.546	25	
trans-1,2-Dichloroethene	ug/m3	3.75	14.9	14.9	101	101	70.0-130	0.00	25	
trans-1,3-Dichloropropene	ug/m3	3.75	17.6	17.5	103	103	70.0-130	0.776	25	
Trichloroethene	ug/m3	3.75	20.4	20.0	102	99.7	70.0-130	1.85	25	
Trichlorofluoromethane	ug/m3	3.75	21.2	21.2	101	101	70.0-130	0.265	25	
Vinyl acetate	ug/m3	3.75	14.1	13.9	107	105	70.0-130	1.51	25	
Vinyl bromide	ug/m3	3.75	16.4	16.4	100	100	70.0-130	0.266	25	
Vinyl chloride	ug/m3	3.75	9.87	9.79	103	102	70.0-130	0.780	25	
Xylene (Total)	ug/m3	11.3	50.8	50.8	104	104	70.0-130	0.00	25	
4-Bromofluorobenzene (S)	%				102	101	60.0-140			

SAMPLE DUPLICATE: R4157068-4

Parameter	Units	L1808030-01 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND	0.00	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND	0.00	25	
1,1,2-Trichloroethane	ug/m3	ND	ND	0.00	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND	0.00	25	
1,1-Dichloroethane	ug/m3	ND	ND	0.00	25	
1,1-Dichloroethene	ug/m3	ND	ND	0.00	25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND	0.00	25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND	0.00	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND	0.00	25	
1,2-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,2-Dichloroethane	ug/m3	ND	ND	0.00	25	
1,2-Dichloropropane	ug/m3	ND	ND	0.00	25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND	0.00	25	
1,3-Butadiene	ug/m3	ND	ND	0.00	25	
1,3-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,4-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,4-Dioxane (p-Dioxane)	ug/m3	ND	ND	0.00	25	
2,2,4-Trimethylpentane	ug/m3	ND	ND	0.00	25	
2-Butanone (MEK)	ug/m3	0.864	0.864J	0.00	25	J
2-Chlorotoluene	ug/m3	ND	ND	0.00	25	
2-Hexanone	ug/m3	ND	ND	0.00	25	
2-Propanol	ug/m3	12.5	12.6	0.588	25	
4-Ethyltoluene	ug/m3	ND	ND	0.00	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND	0.00	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

SAMPLE DUPLICATE: R4157068-4

Parameter	Units	L1808030-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Acetone	ug/m3	16.2	16.0	1.03	25	
Acetonitrile	ug/m3	3.36	3.07J	8.88	25	J
Allyl chloride	ug/m3	ND	ND	0.00	25	
Benzene	ug/m3	0.399	0.399J	0.00	25	J
Benzyl chloride	ug/m3	ND	ND	0.00	25	
Bromodichloromethane	ug/m3	ND	ND	0.00	25	
Bromoform	ug/m3	ND	ND	0.00	25	
Bromomethane	ug/m3	ND	ND	0.00	25	
Carbon disulfide	ug/m3	ND	ND	0.00	25	
Carbon tetrachloride	ug/m3	ND	ND	0.00	25	
Chlorobenzene	ug/m3	ND	ND	0.00	25	
Chloroethane	ug/m3	ND	ND	0.00	25	
Chloroform	ug/m3	ND	ND	0.00	25	
Chloromethane	ug/m3	1.16	1.19	2.11	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND	0.00	25	
cis-1,3-Dichloropropene	ug/m3	ND	ND	0.00	25	
Cyclohexane	ug/m3	ND	ND	0.00	25	
Dibromochloromethane	ug/m3	ND	ND	0.00	25	
Dichlorodifluoromethane	ug/m3	2.26	2.28	1.09	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND	0.00	25	
Ethanol	ug/m3	447	451	0.840	25	E
Ethyl acetate	ug/m3	ND	ND	0.00	25	
Ethylbenzene	ug/m3	ND	ND	0.00	25	
Gasoline	ug/m3	ND	ND	200	25	D8
Hexachloro-1,3-butadiene	ug/m3	ND	ND	0.00	25	
Isopropylbenzene (Cumene)	ug/m3	ND	ND	0.00	25	
m&p-Xylene	ug/m3	ND	ND	0.00	25	
Methyl methacrylate	ug/m3	ND	ND	0.00	25	
Methyl-tert-butyl ether	ug/m3	ND	ND	0.00	25	
Methylene Chloride	ug/m3	0.747	ND	200	25	D8
n-Heptane	ug/m3	ND	ND	0.00	25	
n-Hexane	ug/m3	0.754	0.719J	4.78	25	J
Naphthalene	ug/m3	ND	ND	0.00	25	
o-Xylene	ug/m3	ND	ND	0.00	25	
Propylene	ug/m3	ND	ND	0.00	25	
Styrene	ug/m3	ND	ND	0.00	25	
Tetrachloroethene	ug/m3	ND	ND	0.00	25	
Tetrahydrofuran	ug/m3	ND	ND	0.00	25	
Toluene	ug/m3	4.75	4.82	1.57	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND	0.00	25	
trans-1,3-Dichloropropene	ug/m3	ND	ND	0.00	25	
Trichloroethene	ug/m3	ND	ND	0.00	25	
Trichlorofluoromethane	ug/m3	1.16	1.24	6.57	25	
Vinyl acetate	ug/m3	ND	ND	0.00	25	
Vinyl bromide	ug/m3	ND	ND	0.00	25	
Vinyl chloride	ug/m3	ND	ND	0.00	25	
Xylene (Total)	ug/m3	ND	ND	0.00	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

SAMPLE DUPLICATE: R4157068-4

Parameter	Units	L1808030-01 Result	Dup Result	RPD	Max RPD	Qualifiers
4-Bromofluorobenzene (S)	%		93			

SAMPLE DUPLICATE: R4157068-5

Parameter	Units	L1808030-02 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND	0.00	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND	0.00	25	
1,1,2-Trichloroethane	ug/m3	ND	ND	0.00	25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND	0.00	25	
1,1-Dichloroethane	ug/m3	ND	ND	0.00	25	
1,1-Dichloroethene	ug/m3	ND	ND	0.00	25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND	0.00	25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND	0.00	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND	0.00	25	
1,2-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,2-Dichloroethane	ug/m3	ND	ND	0.00	25	
1,2-Dichloropropane	ug/m3	ND	ND	0.00	25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND	0.00	25	
1,3-Butadiene	ug/m3	ND	ND	0.00	25	
1,3-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,4-Dichlorobenzene	ug/m3	ND	ND	0.00	25	
1,4-Dioxane (p-Dioxane)	ug/m3	ND	ND	0.00	25	
2,2,4-Trimethylpentane	ug/m3	ND	ND	0.00	25	
2-Butanone (MEK)	ug/m3	0.914	0.958J	4.72	25	J
2-Chlorotoluene	ug/m3	ND	ND	0.00	25	
2-Hexanone	ug/m3	ND	ND	0.00	25	
2-Propanol	ug/m3	14.1	13.8	1.94	25	
4-Ethyltoluene	ug/m3	ND	ND	0.00	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND	0.00	25	
Acetone	ug/m3	20.0	19.4	2.89	25	
Acetonitrile	ug/m3	3.66	3.48J	5.18	25	J
Allyl chloride	ug/m3	ND	ND	0.00	25	
Benzene	ug/m3	0.412	0.355J	15.0	25	J
Benzyl chloride	ug/m3	ND	ND	0.00	25	
Bromodichloromethane	ug/m3	ND	ND	0.00	25	
Bromoform	ug/m3	ND	ND	0.00	25	
Bromomethane	ug/m3	ND	ND	0.00	25	
Carbon disulfide	ug/m3	ND	ND	0.00	25	
Carbon tetrachloride	ug/m3	ND	ND	0.00	25	
Chlorobenzene	ug/m3	ND	ND	0.00	25	
Chloroethane	ug/m3	ND	ND	0.00	25	
Chloroform	ug/m3	ND	ND	0.00	25	
Chloromethane	ug/m3	1.16	1.11	5.10	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND	0.00	25	
cis-1,3-Dichloropropene	ug/m3	ND	ND	0.00	25	

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QUALITY CONTROL DATA

Project: City of Bristol
Pace Project No.: 92768898

SAMPLE DUPLICATE: R4157068-5

Parameter	Units	L1808030-02 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyclohexane	ug/m3	ND	ND	0.00	25	
Dibromochloromethane	ug/m3	ND	ND	0.00	25	
Dichlorodifluoromethane	ug/m3	2.25	2.22	1.33	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND	0.00	25	
Ethanol	ug/m3	462	447	3.32	25	E
Ethyl acetate	ug/m3	ND	ND	0.00	25	
Ethylbenzene	ug/m3	ND	ND	0.00	25	
Gasoline	ug/m3	ND	ND	200	25	D8
Hexachloro-1,3-butadiene	ug/m3	ND	ND	0.00	25	
Isopropylbenzene (Cumene)	ug/m3	ND	ND	0.00	25	
m&p-Xylene	ug/m3	ND	ND	0.00	25	
Methyl methacrylate	ug/m3	ND	ND	0.00	25	
Methyl-tert-butyl ether	ug/m3	ND	ND	0.00	25	
Methylene Chloride	ug/m3	ND	ND	0.00	25	
n-Heptane	ug/m3	ND	ND	0.00	25	
n-Hexane	ug/m3	0.638	0.599J	6.27	25	J
Naphthalene	ug/m3	ND	ND	0.00	25	
o-Xylene	ug/m3	ND	ND	0.00	25	
Propylene	ug/m3	ND	ND	0.00	25	
Styrene	ug/m3	ND	ND	0.00	25	
Tetrachloroethene	ug/m3	ND	ND	0.00	25	
Tetrahydrofuran	ug/m3	ND	ND	0.00	25	
Toluene	ug/m3	4.67	4.63	0.810	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND	0.00	25	
trans-1,3-Dichloropropene	ug/m3	ND	ND	0.00	25	
Trichloroethene	ug/m3	ND	ND	0.00	25	
Trichlorofluoromethane	ug/m3	ND	ND	0.00	25	
Vinyl acetate	ug/m3	ND	ND	0.00	25	
Vinyl bromide	ug/m3	ND	ND	0.00	25	
Vinyl chloride	ug/m3	ND	ND	0.00	25	
Xylene (Total)	ug/m3	ND	ND	0.00	25	
4-Bromofluorobenzene (S)	%		93.6			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: City of Bristol
Pace Project No.: 92768898

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

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

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.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

D8	The sample and duplicate results for this parameter are less than 5 times the reporting limit, the RPD may not be statistically valid.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: City of Bristol
Pace Project No.: 92768898

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92768898001	**December 24hr Sample**	TO-15	2417586	TO-15	2417586

WO#: 92768898

PM: EDB Due Date: 12/18/24

CLIENT: 92-BristolVA

Pace® Location Requested (City/State): Pace

LAB USE ONLY- Affix Workorder #

WO#: 92768898

92768898

228

Company Name: Pace Analytical - Huntersvill

Street Address: 9800 Kincey Avenue, Suite 100 Huntersville, NC 28078

City, State Zip:

Customer Project #:

Project Name: City of Bristol

Site Collection Info/Facility ID (as applicable): PACE-POULSONVA 001

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

Report to: Eben Buchanan

Phone #: 704-875-9092

E-Mail: eben.buchanan@pacelabs.com

Cc E-Mail:

Invoice to: Karen Culbertson

Invoice E-Mail: karen.culbertson@bristolva.org

Purchase Order # (if applicable):

Quote #:

State origin of sample(s): VA

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/m³ PPBV mg/m³ PPMV

Field Information

Analyses Requested

Lab Use Only

Proj. Manager: 464 - Nancy McLain

AcctNum / Client ID: PACE

Table #: L1808178

Profile / Template: T210823

Prelog / Bottle Ord. ID: P1112951

* 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	Begin Collection Time	End Collection Date	End Collection Time	Canister Pressure / Vacuum: Start Pressure / Vacuum (in Hg)	Canister Pressure / Vacuum: End Pressure / Vacuum (in Hg)	PUF / FILTER: Duration (minutes)	PUF / FILTER: Flow Rate m³/min or L/min	PUF / FILTER: Total Volume Sampled m³ or L	TO-15 Summa	Sample Comment
December 24 hr Sample		013048	024258	12/9/24	1:00p	12/10/24	1:00p	29hg	4hg				X	-01

Sample Receipt Checklist

COC Seal Present/Intact: Y N N/A

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Unused:

Size: 1L 6L 1.4L

Tage Color: G M F B

Tubing Shunt

T/BP:

Customer Remarks / Special Conditions / Possible Hazards: For Franklin D Cochran II - City of Bristol - Reporting through Pace-NC

Collected By:

Printed Name: Franklin D Cochran II

Signature:

Additional Instructions from Pace®:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp. (°C):

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number: 1012 9201 3425
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: In-Person Courier FedEx UPS Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 12/11 0900	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/