



August 12, 2024

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

RE: Project: Bristol-Monthly Air  
Pace Project No.: 92746525

Dear David Cochran:

Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 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



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

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### 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: Bristol-Monthly Air

Pace Project No.: 92746525

| Lab ID      | Sample ID          | Matrix | Date Collected | Date Received  |
|-------------|--------------------|--------|----------------|----------------|
| 92746525001 | August 24hr Sample | Air    | 08/06/24 10:00 | 08/07/24 09:00 |

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## SAMPLE ANALYTE COUNT

Project: Bristol-Monthly Air

Pace Project No.: 92746525

| Lab ID      | Sample ID          | Method | Analysts | Analytes Reported | Laboratory |
|-------------|--------------------|--------|----------|-------------------|------------|
| 92746525001 | August 24hr Sample | TO-15  | MNP      | 72                | PAN        |

PAN = Pace National - Mt. Juliet

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## SUMMARY OF DETECTION

Project: Bristol-Monthly Air

Pace Project No.: 92746525

| Lab Sample ID      | Client Sample ID          |        |       |              |                |            |
|--------------------|---------------------------|--------|-------|--------------|----------------|------------|
| Method             | Parameters                | Result | Units | Report Limit | Analyzed       | Qualifiers |
| <b>92746525001</b> | <b>August 24hr Sample</b> |        |       |              |                |            |
| TO-15              | 1,4-Dichlorobenzene       | 1.18J  | ug/m3 | 1.20         | 08/07/24 21:35 | J          |
| TO-15              | 2-Butanone (MEK)          | 1.22J  | ug/m3 | 3.69         | 08/07/24 21:35 | J          |
| TO-15              | 2-Propanol                | 2.21J  | ug/m3 | 3.07         | 08/07/24 21:35 | J          |
| TO-15              | Acetone                   | 8.65   | ug/m3 | 2.97         | 08/07/24 21:35 |            |
| TO-15              | Acetonitrile              | 1.04J  | ug/m3 | 8.39         | 08/07/24 21:35 | B,J,R1     |
| TO-15              | Benzene                   | 1.71   | ug/m3 | 0.639        | 08/07/24 21:35 |            |
| TO-15              | Carbon tetrachloride      | 0.473J | ug/m3 | 1.26         | 08/07/24 21:35 | J          |
| TO-15              | Chloromethane             | 1.26   | ug/m3 | 0.413        | 08/07/24 21:35 |            |
| TO-15              | Dichlorodifluoromethane   | 1.53   | ug/m3 | 0.989        | 08/07/24 21:35 |            |
| TO-15              | Ethanol                   | 6.69   | ug/m3 | 4.71         | 08/07/24 21:35 |            |
| TO-15              | Ethylbenzene              | 0.411J | ug/m3 | 0.867        | 08/07/24 21:35 | J          |
| TO-15              | Gasoline                  | 369J   | ug/m3 | 1030         | 08/07/24 21:35 | B,J        |
| TO-15              | m&p-Xylene                | 0.815J | ug/m3 | 1.73         | 08/07/24 21:35 | J          |
| TO-15              | Methylene Chloride        | 0.701  | ug/m3 | 0.694        | 08/07/24 21:35 |            |
| TO-15              | Toluene                   | 2.13   | ug/m3 | 1.88         | 08/07/24 21:35 |            |
| TO-15              | Trichloroethene           | 2.22   | ug/m3 | 1.07         | 08/07/24 21:35 |            |
| TO-15              | Trichlorofluoromethane    | 1.35   | ug/m3 | 1.12         | 08/07/24 21:35 |            |
| TO-15              | Xylene (Total)            | 0.816J | ug/m3 | 2.61         | 08/07/24 21:35 | J          |

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## PROJECT NARRATIVE

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

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**Method:** TO-15  
**Description:** VOA (MS) TO-15  
**Client:** City of Bristol VA  
**Date:** August 12, 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.

QC Batch: 2338292

B: Analyte was detected in the associated method blank.

- R4104135-3 (Lab ID: R4104135-3)
  - Acetonitrile
  - Gasoline

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 2338292

R1: RPD value was outside control limits.

- LCSD (Lab ID: R4104135-2)
  - Acetonitrile

### Additional Comments:

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

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## ANALYTICAL RESULTS

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

| Sample: August 24hr Sample                         |         | Lab ID: 92746525001 |              | Collected: 08/06/24 10:00 |    | Received: 08/07/24 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         | 0.400                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 71-55-6     |        |
| 1,1,2,2-Tetrachloroethane                          | ND      | ug/m3               | 1.37         | 0.511                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 79-34-5     |        |
| 1,1,2-Trichloroethane                              | ND      | ug/m3               | 1.09         | 0.422                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 79-00-5     |        |
| 1,1,2-Trichlorotrifluoroethane                     | ND      | ug/m3               | 1.53         | 0.608                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 76-13-1     |        |
| 1,1-Dichloroethane                                 | ND      | ug/m3               | 0.802        | 0.290                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-34-3     |        |
| 1,1-Dichloroethene                                 | ND      | ug/m3               | 0.793        | 0.302                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-35-4     |        |
| 1,2,4-Trichlorobenzene                             | ND      | ug/m3               | 4.66         | 1.10                      | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 120-82-1    |        |
| 1,2,4-Trimethylbenzene                             | ND      | ug/m3               | 0.982        | 0.375                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 95-63-6     |        |
| 1,2-Dibromoethane (EDB)                            | ND      | ug/m3               | 1.54         | 0.554                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 106-93-4    |        |
| 1,2-Dichlorobenzene                                | ND      | ug/m3               | 1.20         | 0.770                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 95-50-1     |        |
| 1,2-Dichloroethane                                 | ND      | ug/m3               | 0.810        | 0.283                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 107-06-2    |        |
| 1,2-Dichloropropane                                | ND      | ug/m3               | 0.924        | 0.351                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 78-87-5     |        |
| 1,3,5-Trimethylbenzene                             | ND      | ug/m3               | 0.982        | 0.382                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 108-67-8    |        |
| 1,3-Butadiene                                      | ND      | ug/m3               | 4.43         | 0.230                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 106-99-0    |        |
| 1,3-Dichlorobenzene                                | ND      | ug/m3               | 1.20         | 1.09                      | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 541-73-1    |        |
| 1,4-Dichlorobenzene                                | 1.18J   | ug/m3               | 1.20         | 0.335                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 106-46-7    | J      |
| 1,4-Dioxane (p-Dioxane)                            | ND      | ug/m3               | 2.27         | 0.300                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 123-91-1    |        |
| 2,2,4-Trimethylpentane                             | ND      | ug/m3               | 0.934        | 0.621                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 540-84-1    |        |
| 2-Butanone (MEK)                                   | 1.22J   | ug/m3               | 3.69         | 0.240                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 78-93-3     | J      |
| 2-Chlorotoluene                                    | ND      | ug/m3               | 1.03         | 0.427                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 95-49-8     |        |
| 2-Hexanone                                         | ND      | ug/m3               | 5.11         | 0.544                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 591-78-6    |        |
| 2-Propanol                                         | 2.21J   | ug/m3               | 3.07         | 0.649                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 67-63-0     | J      |
| 4-Ethyltoluene                                     | ND      | ug/m3               | 0.982        | 0.384                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 622-96-8    |        |
| 4-Methyl-2-pentanone (MIBK)                        | ND      | ug/m3               | 5.12         | 0.313                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 108-10-1    |        |
| Acetone                                            | 8.65    | ug/m3               | 2.97         | 1.39                      | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 67-64-1     |        |
| Acetonitrile                                       | 1.04J   | ug/m3               | 8.39         | 0.395                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-05-8     | B,J,R1 |
| Allyl chloride                                     | ND      | ug/m3               | 0.626        | 0.357                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 107-05-1    |        |
| Benzene                                            | 1.71    | ug/m3               | 0.639        | 0.228                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 71-43-2     |        |
| Benzyl chloride                                    | ND      | ug/m3               | 1.04         | 0.311                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 100-44-7    |        |
| Bromodichloromethane                               | ND      | ug/m3               | 1.34         | 0.471                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-27-4     |        |
| Bromoform                                          | ND      | ug/m3               | 6.21         | 0.757                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-25-2     |        |
| Bromomethane                                       | ND      | ug/m3               | 0.776        | 0.381                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 74-83-9     |        |
| Carbon disulfide                                   | ND      | ug/m3               | 1.24         | 0.317                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-15-0     |        |
| Carbon tetrachloride                               | 0.473J  | ug/m3               | 1.26         | 0.461                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 56-23-5     | J      |
| Chlorobenzene                                      | ND      | ug/m3               | 0.924        | 0.385                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 108-90-7    |        |
| Chloroethane                                       | ND      | ug/m3               | 0.528        | 0.263                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-00-3     |        |
| Chloroform                                         | ND      | ug/m3               | 0.973        | 0.349                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 67-66-3     |        |
| Chloromethane                                      | 1.26    | ug/m3               | 0.413        | 0.213                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 74-87-3     |        |
| cis-1,2-Dichloroethene                             | ND      | ug/m3               | 0.793        | 0.311                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 156-59-2    |        |
| cis-1,3-Dichloropropene                            | ND      | ug/m3               | 0.908        | 0.313                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 10061-01-5  |        |
| Cyclohexane                                        | ND      | ug/m3               | 0.689        | 0.259                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 110-82-7    |        |
| Dibromochloromethane                               | ND      | ug/m3               | 1.70         | 0.618                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 124-48-1    |        |
| Dichlorodifluoromethane                            | 1.53    | ug/m3               | 0.989        | 0.678                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-71-8     |        |
| Dichlorotetrafluoroethane                          | ND      | ug/m3               | 1.40         | 0.622                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 76-14-2     |        |
| Ethanol                                            | 6.69    | ug/m3               | 4.71         | 0.500                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 64-17-5     |        |

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## ANALYTICAL RESULTS

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

| Sample: August 24hr Sample                         |         | Lab ID: 92746525001 |              | Collected: 08/06/24 10:00 |    | Received: 08/07/24 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         | 0.360                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 141-78-6    |      |
| Ethylbenzene                                       | 0.411J  | ug/m3               | 0.867        | 0.362                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 100-41-4    | J    |
| Gasoline                                           | 369J    | ug/m3               | 1030         | 164                       | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 8006-61-9   | B,J  |
| Hexachloro-1,3-butadiene                           | ND      | ug/m3               | 6.73         | 1.12                      | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 87-68-3     |      |
| Isopropylbenzene (Cumene)                          | ND      | ug/m3               | 0.983        | 0.382                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 98-82-8     |      |
| m&p-Xylene                                         | 0.815J  | ug/m3               | 1.73         | 0.585                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 179601-23-1 | J    |
| Methyl methacrylate                                | ND      | ug/m3               | 0.819        | 0.359                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 80-62-6     |      |
| Methyl-tert-butyl ether                            | ND      | ug/m3               | 0.721        | 0.233                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 1634-04-4   |      |
| Methylene Chloride                                 | 0.701   | ug/m3               | 0.694        | 0.340                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-09-2     |      |
| n-Heptane                                          | ND      | ug/m3               | 0.818        | 0.425                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 142-82-5    |      |
| n-Hexane                                           | ND      | ug/m3               | 2.22         | 0.726                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 110-54-3    |      |
| Naphthalene                                        | ND      | ug/m3               | 3.30         | 1.83                      | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 91-20-3     |      |
| o-Xylene                                           | ND      | ug/m3               | 0.867        | 0.359                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 95-47-6     |      |
| Propylene                                          | ND      | ug/m3               | 2.15         | 0.160                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 115-07-1    |      |
| Styrene                                            | ND      | ug/m3               | 1.70         | 0.335                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 100-42-5    |      |
| Tetrachloroethene                                  | ND      | ug/m3               | 1.36         | 0.553                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 127-18-4    |      |
| Tetrahydrofuran                                    | ND      | ug/m3               | 0.590        | 0.216                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 109-99-9    |      |
| Toluene                                            | 2.13    | ug/m3               | 1.88         | 0.328                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 108-88-3    |      |
| trans-1,2-Dichloroethene                           | ND      | ug/m3               | 0.793        | 0.267                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 156-60-5    |      |
| trans-1,3-Dichloropropene                          | ND      | ug/m3               | 0.908        | 0.331                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 10061-02-6  |      |
| Trichloroethene                                    | 2.22    | ug/m3               | 1.07         | 0.364                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 79-01-6     |      |
| Trichlorofluoromethane                             | 1.35    | ug/m3               | 1.12         | 0.460                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-69-4     |      |
| Vinyl acetate                                      | ND      | ug/m3               | 2.22         | 0.408                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 108-05-4    |      |
| Vinyl bromide                                      | ND      | ug/m3               | 0.875        | 0.373                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 593-60-2    |      |
| Vinyl chloride                                     | ND      | ug/m3               | 0.511        | 0.243                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 75-01-4     |      |
| Xylene (Total)                                     | 0.816J  | ug/m3               | 2.61         | 0.586                     | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 1330-20-7   | J    |
| Surrogates                                         |         |                     |              |                           |    |                          |                |             |      |
| 4-Bromofluorobenzene (S)                           | 99.8    | %                   | 60.0-140     |                           | 1  | 08/07/24 21:35           | 08/07/24 21:35 | 460-00-4    |      |

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## QUALITY CONTROL DATA

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

|                  |         |                       |                            |
|------------------|---------|-----------------------|----------------------------|
| QC Batch:        | 2338292 | Analysis Method:      | TO-15                      |
| QC Batch Method: | TO-15   | Analysis Description: | VOA (MS) TO-15             |
|                  |         | Laboratory:           | Pace National - Mt. Juliet |

Associated Lab Samples: 92746525001

METHOD BLANK: R4104135-3 Matrix: Air  
Associated Lab Samples: 92746525001

| Parameter                      | Units | Blank Result | Reporting Limit | MDL   | Analyzed       | Qualifiers |
|--------------------------------|-------|--------------|-----------------|-------|----------------|------------|
| 1,1,1-Trichloroethane          | ug/m3 | ND           | 1.09            | 0.400 | 08/07/24 10:37 |            |
| 1,1,2,2-Tetrachloroethane      | ug/m3 | ND           | 1.37            | 0.511 | 08/07/24 10:37 |            |
| 1,1,2-Trichloroethane          | ug/m3 | ND           | 1.09            | 0.422 | 08/07/24 10:37 |            |
| 1,1,2-Trichlorotrifluoroethane | ug/m3 | ND           | 1.53            | 0.608 | 08/07/24 10:37 |            |
| 1,1-Dichloroethane             | ug/m3 | ND           | 0.802           | 0.290 | 08/07/24 10:37 |            |
| 1,1-Dichloroethene             | ug/m3 | ND           | 0.793           | 0.302 | 08/07/24 10:37 |            |
| 1,2,4-Trichlorobenzene         | ug/m3 | ND           | 4.66            | 1.10  | 08/07/24 10:37 |            |
| 1,2,4-Trimethylbenzene         | ug/m3 | ND           | 0.982           | 0.375 | 08/07/24 10:37 |            |
| 1,2-Dibromoethane (EDB)        | ug/m3 | ND           | 1.54            | 0.554 | 08/07/24 10:37 |            |
| 1,2-Dichlorobenzene            | ug/m3 | ND           | 1.20            | 0.770 | 08/07/24 10:37 |            |
| 1,2-Dichloroethane             | ug/m3 | ND           | 0.810           | 0.283 | 08/07/24 10:37 |            |
| 1,2-Dichloropropane            | ug/m3 | ND           | 0.924           | 0.351 | 08/07/24 10:37 |            |
| 1,3,5-Trimethylbenzene         | ug/m3 | ND           | 0.982           | 0.382 | 08/07/24 10:37 |            |
| 1,3-Butadiene                  | ug/m3 | ND           | 4.43            | 0.230 | 08/07/24 10:37 |            |
| 1,3-Dichlorobenzene            | ug/m3 | ND           | 1.20            | 1.09  | 08/07/24 10:37 |            |
| 1,4-Dichlorobenzene            | ug/m3 | ND           | 1.20            | 0.335 | 08/07/24 10:37 |            |
| 1,4-Dioxane (p-Dioxane)        | ug/m3 | ND           | 2.27            | 0.300 | 08/07/24 10:37 |            |
| 2,2,4-Trimethylpentane         | ug/m3 | ND           | 0.934           | 0.621 | 08/07/24 10:37 |            |
| 2-Butanone (MEK)               | ug/m3 | ND           | 3.69            | 0.240 | 08/07/24 10:37 |            |
| 2-Chlorotoluene                | ug/m3 | ND           | 1.03            | 0.427 | 08/07/24 10:37 |            |
| 2-Hexanone                     | ug/m3 | ND           | 5.11            | 0.544 | 08/07/24 10:37 |            |
| 2-Propanol                     | ug/m3 | ND           | 3.07            | 0.649 | 08/07/24 10:37 |            |
| 4-Ethyltoluene                 | ug/m3 | ND           | 0.982           | 0.384 | 08/07/24 10:37 |            |
| 4-Methyl-2-pentanone (MIBK)    | ug/m3 | ND           | 5.12            | 0.313 | 08/07/24 10:37 |            |
| Acetone                        | ug/m3 | ND           | 2.97            | 1.39  | 08/07/24 10:37 |            |
| Acetonitrile                   | ug/m3 | 0.750J       | 8.39            | 0.395 | 08/07/24 10:37 | J          |
| Allyl chloride                 | ug/m3 | ND           | 0.626           | 0.357 | 08/07/24 10:37 |            |
| Benzene                        | ug/m3 | ND           | 0.639           | 0.228 | 08/07/24 10:37 |            |
| Benzyl chloride                | ug/m3 | ND           | 1.04            | 0.311 | 08/07/24 10:37 |            |
| Bromodichloromethane           | ug/m3 | ND           | 1.34            | 0.471 | 08/07/24 10:37 |            |
| Bromoform                      | ug/m3 | ND           | 6.21            | 0.757 | 08/07/24 10:37 |            |
| Bromomethane                   | ug/m3 | ND           | 0.776           | 0.381 | 08/07/24 10:37 |            |
| Carbon disulfide               | ug/m3 | ND           | 1.24            | 0.317 | 08/07/24 10:37 |            |
| Carbon tetrachloride           | ug/m3 | ND           | 1.26            | 0.461 | 08/07/24 10:37 |            |
| Chlorobenzene                  | ug/m3 | ND           | 0.924           | 0.385 | 08/07/24 10:37 |            |
| Chloroethane                   | ug/m3 | ND           | 0.528           | 0.263 | 08/07/24 10:37 |            |
| Chloroform                     | ug/m3 | ND           | 0.973           | 0.349 | 08/07/24 10:37 |            |
| Chloromethane                  | ug/m3 | ND           | 0.413           | 0.213 | 08/07/24 10:37 |            |
| cis-1,2-Dichloroethene         | ug/m3 | ND           | 0.793           | 0.311 | 08/07/24 10:37 |            |
| cis-1,3-Dichloropropene        | ug/m3 | ND           | 0.908           | 0.313 | 08/07/24 10:37 |            |

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## QUALITY CONTROL DATA

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

METHOD BLANK: R4104135-3  
Associated Lab Samples: 92746525001

Matrix: Air

| Parameter                 | Units | Blank Result | Reporting Limit | MDL   | Analyzed       | Qualifiers |
|---------------------------|-------|--------------|-----------------|-------|----------------|------------|
| Cyclohexane               | ug/m3 | ND           | 0.689           | 0.259 | 08/07/24 10:37 |            |
| Dibromochloromethane      | ug/m3 | ND           | 1.70            | 0.618 | 08/07/24 10:37 |            |
| Dichlorodifluoromethane   | ug/m3 | ND           | 0.989           | 0.678 | 08/07/24 10:37 |            |
| Dichlorotetrafluoroethane | ug/m3 | ND           | 1.40            | 0.622 | 08/07/24 10:37 |            |
| Ethanol                   | ug/m3 | ND           | 4.71            | 0.500 | 08/07/24 10:37 |            |
| Ethyl acetate             | ug/m3 | ND           | 2.27            | 0.360 | 08/07/24 10:37 |            |
| Ethylbenzene              | ug/m3 | ND           | 0.867           | 0.362 | 08/07/24 10:37 |            |
| Gasoline                  | ug/m3 | 304J         | 1030            | 164   | 08/07/24 10:37 | J          |
| Hexachloro-1,3-butadiene  | ug/m3 | ND           | 6.73            | 1.12  | 08/07/24 10:37 |            |
| Isopropylbenzene (Cumene) | ug/m3 | ND           | 0.983           | 0.382 | 08/07/24 10:37 |            |
| m&p-Xylene                | ug/m3 | ND           | 1.73            | 0.585 | 08/07/24 10:37 |            |
| Methyl methacrylate       | ug/m3 | ND           | 0.819           | 0.359 | 08/07/24 10:37 |            |
| Methyl-tert-butyl ether   | ug/m3 | ND           | 0.721           | 0.233 | 08/07/24 10:37 |            |
| Methylene Chloride        | ug/m3 | ND           | 0.694           | 0.340 | 08/07/24 10:37 |            |
| n-Heptane                 | ug/m3 | ND           | 0.818           | 0.425 | 08/07/24 10:37 |            |
| n-Hexane                  | ug/m3 | ND           | 2.22            | 0.726 | 08/07/24 10:37 |            |
| Naphthalene               | ug/m3 | ND           | 3.30            | 1.83  | 08/07/24 10:37 |            |
| o-Xylene                  | ug/m3 | ND           | 0.867           | 0.359 | 08/07/24 10:37 |            |
| Propylene                 | ug/m3 | ND           | 2.15            | 0.160 | 08/07/24 10:37 |            |
| Styrene                   | ug/m3 | ND           | 1.70            | 0.335 | 08/07/24 10:37 |            |
| Tetrachloroethene         | ug/m3 | ND           | 1.36            | 0.553 | 08/07/24 10:37 |            |
| Tetrahydrofuran           | ug/m3 | ND           | 0.590           | 0.216 | 08/07/24 10:37 |            |
| Toluene                   | ug/m3 | ND           | 1.88            | 0.328 | 08/07/24 10:37 |            |
| trans-1,2-Dichloroethene  | ug/m3 | ND           | 0.793           | 0.267 | 08/07/24 10:37 |            |
| trans-1,3-Dichloropropene | ug/m3 | ND           | 0.908           | 0.331 | 08/07/24 10:37 |            |
| Trichloroethene           | ug/m3 | ND           | 1.07            | 0.364 | 08/07/24 10:37 |            |
| Trichlorofluoromethane    | ug/m3 | ND           | 1.12            | 0.460 | 08/07/24 10:37 |            |
| Vinyl acetate             | ug/m3 | ND           | 2.22            | 0.408 | 08/07/24 10:37 |            |
| Vinyl bromide             | ug/m3 | ND           | 0.875           | 0.373 | 08/07/24 10:37 |            |
| Vinyl chloride            | ug/m3 | ND           | 0.511           | 0.243 | 08/07/24 10:37 |            |
| Xylene (Total)            | ug/m3 | ND           | 2.61            | 0.586 | 08/07/24 10:37 |            |
| 4-Bromofluorobenzene (S)  | %     | 97.8         | 60.0-140        |       | 08/07/24 10:37 |            |

LABORATORY CONTROL SAMPLE & LCSD: R4104135-1 R4104135-2

| 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        | 21.4       | 21.8        | 105       | 107        | 70.0-130     | 2.02  | 25      |            |
| 1,1,2,2-Tetrachloroethane      | ug/m3 | 3.75        | 27.7       | 28.6        | 107       | 111        | 70.0-130     | 3.17  | 25      |            |
| 1,1,2-Trichloroethane          | ug/m3 | 3.75        | 21.6       | 22.2        | 106       | 109        | 70.0-130     | 2.73  | 25      |            |
| 1,1,2-Trichlorotrifluoroethane | ug/m3 | 3.75        | 30.7       | 31.0        | 107       | 108        | 70.0-130     | 1.24  | 25      |            |
| 1,1-Dichloroethane             | ug/m3 | 3.75        | 16.0       | 16.4        | 107       | 109        | 70.0-130     | 2.47  | 25      |            |
| 1,1-Dichloroethene             | ug/m3 | 3.75        | 15.9       | 16.1        | 107       | 108        | 70.0-130     | 0.743 | 25      |            |
| 1,2,4-Trichlorobenzene         | ug/m3 | 3.75        | 31.8       | 32.1        | 115       | 116        | 70.0-160     | 0.926 | 25      |            |
| 1,2,4-Trimethylbenzene         | ug/m3 | 3.75        | 20.6       | 20.9        | 112       | 114        | 70.0-130     | 1.42  | 25      |            |

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## QUALITY CONTROL DATA

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

| LABORATORY CONTROL SAMPLE & LCSD: R4104135-1 |       |             | R4104135-2 |             |           |            |              |       |         |            |
|----------------------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-------|---------|------------|
| 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        | 31.3       | 31.9        | 109       | 111        | 70.0-130     | 1.95  | 25      |            |
| 1,2-Dichlorobenzene                          | ug/m3 | 3.75        | 24.2       | 25.0        | 107       | 111        | 70.0-130     | 2.93  | 25      |            |
| 1,2-Dichloroethane                           | ug/m3 | 3.75        | 16.1       | 16.4        | 106       | 108        | 70.0-130     | 1.50  | 25      |            |
| 1,2-Dichloropropane                          | ug/m3 | 3.75        | 18.5       | 19.0        | 107       | 110        | 70.0-130     | 2.71  | 25      |            |
| 1,3,5-Trimethylbenzene                       | ug/m3 | 3.75        | 20.7       | 21.1        | 112       | 115        | 70.0-130     | 2.12  | 25      |            |
| 1,3-Butadiene                                | ug/m3 | 3.75        | 8.96       | 9.18        | 108       | 111        | 70.0-130     | 2.44  | 25      |            |
| 1,3-Dichlorobenzene                          | ug/m3 | 3.75        | 24.7       | 25.0        | 109       | 111        | 70.0-130     | 1.21  | 25      |            |
| 1,4-Dichlorobenzene                          | ug/m3 | 3.75        | 25.2       | 25.6        | 112       | 113        | 70.0-130     | 1.42  | 25      |            |
| 1,4-Dioxane (p-Dioxane)                      | ug/m3 | 3.75        | 14.3       | 14.7        | 106       | 109        | 70.0-140     | 2.24  | 25      |            |
| 2,2,4-Trimethylpentane                       | ug/m3 | 3.75        | 19.3       | 19.8        | 110       | 113        | 70.0-130     | 2.15  | 25      |            |
| 2-Butanone (MEK)                             | ug/m3 | 3.75        | 12.1       | 12.4        | 109       | 113        | 70.0-130     | 3.13  | 25      |            |
| 2-Chlorotoluene                              | ug/m3 | 3.75        | 21.2       | 21.8        | 110       | 113        | 70.0-130     | 2.88  | 25      |            |
| 2-Hexanone                                   | ug/m3 | 3.75        | 17.0       | 17.5        | 111       | 114        | 70.0-149     | 3.32  | 25      |            |
| 2-Propanol                                   | ug/m3 | 3.75        | 9.96       | 10.1        | 108       | 110        | 70.0-139     | 1.71  | 25      |            |
| 4-Ethyltoluene                               | ug/m3 | 3.75        | 20.5       | 21.0        | 111       | 114        | 70.0-130     | 2.37  | 25      |            |
| 4-Methyl-2-pentanone (MIBK)                  | ug/m3 | 3.75        | 17.0       | 17.2        | 111       | 112        | 70.0-139     | 1.19  | 25      |            |
| Acetone                                      | ug/m3 | 3.75        | 9.17       | 9.32        | 103       | 105        | 70.0-130     | 1.54  | 25      |            |
| Acetonitrile                                 | ug/m3 | 18.8        | 36.3       | 28.0        | 115       | 88.8       | 70.0-130     | 25.6  | 25      | R1         |
| Allyl chloride                               | ug/m3 | 3.75        | 12.4       | 12.6        | 106       | 107        | 70.0-130     | 1.25  | 25      |            |
| Benzene                                      | ug/m3 | 3.75        | 12.9       | 13.2        | 107       | 110        | 70.0-130     | 2.69  | 25      |            |
| Benzyl chloride                              | ug/m3 | 3.75        | 20.3       | 20.8        | 104       | 107        | 70.0-152     | 2.53  | 25      |            |
| Bromodichloromethane                         | ug/m3 | 3.75        | 26.9       | 27.4        | 107       | 109        | 70.0-130     | 1.98  | 25      |            |
| Bromoform                                    | ug/m3 | 3.75        | 41.7       | 42.5        | 107       | 110        | 70.0-130     | 1.97  | 25      |            |
| Bromomethane                                 | ug/m3 | 3.75        | 15.3       | 16.0        | 105       | 110        | 70.0-130     | 4.71  | 25      |            |
| Carbon disulfide                             | ug/m3 | 7.50        | 25.5       | 26.0        | 109       | 111        | 70.0-130     | 1.94  | 25      |            |
| Carbon tetrachloride                         | ug/m3 | 3.75        | 24.7       | 25.0        | 105       | 106        | 70.0-130     | 1.27  | 25      |            |
| Chlorobenzene                                | ug/m3 | 3.75        | 18.8       | 19.2        | 108       | 111        | 70.0-130     | 2.43  | 25      |            |
| Chloroethane                                 | ug/m3 | 3.75        | 10.6       | 11.1        | 107       | 112        | 70.0-130     | 4.13  | 25      |            |
| Chloroform                                   | ug/m3 | 3.75        | 19.6       | 19.7        | 107       | 108        | 70.0-130     | 0.495 | 25      |            |
| Chloromethane                                | ug/m3 | 3.75        | 8.24       | 8.34        | 106       | 108        | 70.0-130     | 1.25  | 25      |            |
| cis-1,2-Dichloroethene                       | ug/m3 | 3.75        | 16.2       | 16.3        | 109       | 110        | 70.0-130     | 0.976 | 25      |            |
| cis-1,3-Dichloropropene                      | ug/m3 | 3.75        | 18.5       | 18.7        | 109       | 110        | 70.0-130     | 0.733 | 25      |            |
| Cyclohexane                                  | ug/m3 | 3.75        | 14.2       | 14.4        | 110       | 111        | 70.0-130     | 1.69  | 25      |            |
| Dibromochloromethane                         | ug/m3 | 3.75        | 34.5       | 35.1        | 108       | 110        | 70.0-130     | 1.96  | 25      |            |
| Dichlorodifluoromethane                      | ug/m3 | 3.75        | 16.3       | 17.0        | 88.0      | 91.7       | 64.0-139     | 4.15  | 25      |            |
| Dichlorotetrafluoroethane                    | ug/m3 | 3.75        | 26.9       | 27.6        | 103       | 105        | 70.0-130     | 2.31  | 25      |            |
| Ethanol                                      | ug/m3 | 3.75        | 6.94       | 6.92        | 98.1      | 97.9       | 55.0-148     | 0.272 | 25      |            |
| Ethyl acetate                                | ug/m3 | 3.75        | 14.5       | 14.6        | 107       | 109        | 70.0-130     | 0.988 | 25      |            |
| Ethylbenzene                                 | ug/m3 | 3.75        | 17.9       | 18.2        | 110       | 112        | 70.0-130     | 1.92  | 25      |            |
| Gasoline                                     | ug/m3 | 349         | 1580       | 1590        | 109       | 110        | 70.0-130     | 0.782 | 25      |            |
| Hexachloro-1,3-butadiene                     | ug/m3 | 3.75        | 44.3       | 44.8        | 111       | 112        | 70.0-151     | 1.20  | 25      |            |
| Isopropylbenzene (Cumene)                    | ug/m3 | 3.75        | 20.6       | 21.1        | 112       | 114        | 70.0-130     | 2.36  | 25      |            |
| m&p-Xylene                                   | ug/m3 | 7.50        | 36.7       | 37.2        | 113       | 115        | 70.0-130     | 1.52  | 25      |            |
| Methyl methacrylate                          | ug/m3 | 3.75        | 16.7       | 17.2        | 109       | 112        | 70.0-130     | 2.91  | 25      |            |
| Methyl-tert-butyl ether                      | ug/m3 | 3.75        | 14.7       | 14.9        | 109       | 110        | 70.0-130     | 1.22  | 25      |            |
| Methylene Chloride                           | ug/m3 | 3.75        | 13.4       | 13.7        | 103       | 105        | 70.0-130     | 2.05  | 25      |            |
| n-Heptane                                    | ug/m3 | 3.75        | 16.6       | 17.0        | 108       | 111        | 70.0-130     | 2.43  | 25      |            |

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## QUALITY CONTROL DATA

Project: Bristol-Monthly Air

Pace Project No.: 92746525

| LABORATORY CONTROL SAMPLE & LCSD: R4104135-1 |       |             | R4104135-2 |             |           |            |              |      |         |            |
|----------------------------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|------|---------|------------|
| Parameter                                    | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD  | Max RPD | Qualifiers |
| n-Hexane                                     | ug/m3 | 3.75        | 14.2       | 14.6        | 108       | 111        | 70.0-130     | 2.69 | 25      |            |
| Naphthalene                                  | ug/m3 | 3.75        | 22.6       | 23.3        | 115       | 119        | 70.0-159     | 2.96 | 25      |            |
| o-Xylene                                     | ug/m3 | 3.75        | 18.0       | 18.4        | 111       | 113        | 70.0-130     | 1.90 | 25      |            |
| Propylene                                    | ug/m3 | 3.75        | 6.47       | 6.73        | 100       | 104        | 64.0-144     | 3.91 | 25      |            |
| Styrene                                      | ug/m3 | 7.50        | 37.0       | 37.8        | 116       | 118        | 70.0-130     | 1.93 | 25      |            |
| Tetrachloroethene                            | ug/m3 | 3.75        | 27.4       | 28.0        | 108       | 110        | 70.0-130     | 1.96 | 25      |            |
| Tetrahydrofuran                              | ug/m3 | 3.75        | 11.9       | 12.1        | 108       | 109        | 70.0-137     | 1.47 | 25      |            |
| Toluene                                      | ug/m3 | 3.75        | 15.5       | 15.9        | 110       | 112        | 70.0-130     | 2.40 | 25      |            |
| trans-1,2-Dichloroethene                     | ug/m3 | 3.75        | 15.8       | 16.1        | 106       | 108        | 70.0-130     | 1.49 | 25      |            |
| trans-1,3-Dichloropropene                    | ug/m3 | 3.75        | 18.0       | 18.4        | 106       | 108        | 70.0-130     | 2.24 | 25      |            |
| Trichloroethene                              | ug/m3 | 3.75        | 21.2       | 22.0        | 106       | 109        | 70.0-130     | 3.47 | 25      |            |
| Trichlorofluoromethane                       | ug/m3 | 3.75        | 23.0       | 24.1        | 109       | 114        | 70.0-130     | 4.54 | 25      |            |
| Vinyl acetate                                | ug/m3 | 3.75        | 14.4       | 14.8        | 109       | 112        | 70.0-130     | 2.41 | 25      |            |
| Vinyl bromide                                | ug/m3 | 3.75        | 17.7       | 18.5        | 108       | 113        | 70.0-130     | 4.83 | 25      |            |
| Vinyl chloride                               | ug/m3 | 3.75        | 10.3       | 10.6        | 107       | 111        | 70.0-130     | 2.93 | 25      |            |
| Xylene (Total)                               | ug/m3 | 11.3        | 54.7       | 55.6        | 112       | 113        | 70.0-130     | 1.57 | 25      |            |
| 4-Bromofluorobenzene (S)                     | %     |             |            |             | 97.9      | 98.4       | 60.0-140     |      |         |            |

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## QUALIFIERS

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

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### 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

B Analyte was detected in the associated method blank.

J Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bristol-Monthly Air  
Pace Project No.: 92746525

| Lab ID      | Sample ID          | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------------|-----------------|----------|-------------------|------------------|
| 92746525001 | August 24hr Sample | TO-15           | 2338292  | TO-15             | 2338292          |

REPORT OF LABORATORY ANALYSIS

Company Name:  
**Pace Analytical - Huntersville, NC**

Street Address:  
**9800 Kinsey Avenue, Suite 100**

City, State Zip:  
**Huntersville, NC 28078**

Customer Project #:

Project Name:

City of Bristol

Site Collection Info/Facility ID (as applicable):

PACE-POULSONVA 001

Time Zone Collected: ☐ AK ☐ PT ☐ MT ☐ CT ☒ ET

Data Deliverables: ☐ Level II ☐ Level III ☐ Level IV ☐ EQUIS ☐ Other

Regulatory Program (CAA, NCRA, etc.) as applicable:

Final (Pre-approval required): ☐ 2 Day ☐ 3 day ☐ 5 day ☐ Other

Date Results Requested:

Matrix Code (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

Start Pressure / Vacuum (in Hg)

End Pressure / Vacuum (in Hg)

Duration (minutes)

Flow Rate m<sup>3</sup>/min or L/min

Total Volume Sampled m<sup>3</sup> or L

TO-15 Summa

Sample Comment

August 24 hr Sample

022142 0147m

10/27/2007

8/24/2007

29H5

51H5

X

476464-01

Seal Present, Intact

Seal Present, Intact

Seal Present, Intact

Seal Present, Intact

Seal Present, Intact

Seal Present, Intact

LAB USE ONLY - After use, do not write on this area



2

Field Information

Canister Pressure / Vacuum

PUF / FILTER

Analyses Requested

Proj Manager:

ActNum / Client

ID:

PACE

Table #:

Profile / Template:

P1087989

Prelog / Bottle

Old ID:

Sample Comment

464 - Nancy McLain

1210823

P1087989

TS210823

TS210823

TS210823

TS210823

TS210823

TS210823

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