

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: AECO15  
Lab Code: CHEM Case No.: P5317 SAS No.: P5317 SDG NO.: P5317  
Lab File ID: VX044396.D BFB Injection Date: 12/18/2024  
Instrument ID: MSVOA\_X BFB Injection Time: 21:02  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 22.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 56                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 0.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 78.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 6.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 74.4 ( 95.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6.1 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|---------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050          | VSTDCCC050       | VX044397.D     | 12/18/2024       | 21:48            |
| VX1218WBL02         | VX1218WBL02      | VX044398.D     | 12/18/2024       | 22:59            |
| VX1218WBS02         | VX1218WBS02      | VX044399.D     | 12/18/2024       | 23:22            |
| RE114D2-20241216    | P5317-01         | VX044401.D     | 12/19/2024       | 00:13            |
| RW4-20241216        | P5317-02         | VX044402.D     | 12/19/2024       | 00:37            |
| TT191D2-20241216    | P5317-04         | VX044404.D     | 12/19/2024       | 01:24            |
| TT163S1-20241216    | P5317-05         | VX044405.D     | 12/19/2024       | 01:47            |
| RW8-MW01S-20241216  | P5317-07         | VX044406.D     | 12/19/2024       | 02:10            |
| RW8-MW01D1-20241216 | P5317-08         | VX044407.D     | 12/19/2024       | 02:34            |
| TT158S1-20241217    | P5317-09         | VX044408.D     | 12/19/2024       | 02:57            |
| TT158I1-20241217    | P5317-10         | VX044409.D     | 12/19/2024       | 03:21            |
| TT172S1-20241217    | P5317-12         | VX044410.D     | 12/19/2024       | 03:44            |
| RW9-MW01S-20241217  | P5317-13         | VX044411.D     | 12/19/2024       | 04:07            |
| RW9-MW01D1-20241217 | P5317-14         | VX044412.D     | 12/19/2024       | 04:31            |
| RW9-MW01D2-20241217 | P5317-15         | VX044413.D     | 12/19/2024       | 04:54            |
| RW9-MW01D3-20241217 | P5317-16         | VX044414.D     | 12/19/2024       | 05:17            |
| TB                  | P5317-23         | VX044415.D     | 12/19/2024       | 05:41            |
| RE132D5-20241217    | P5317-18         | VX044416.D     | 12/19/2024       | 06:04            |

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|---------------------|------------------|----------------|------------------|------------------|
| RE132D5-20241217MS  | P5317-19MS       | VX044417.D     | 12/19/2024       | 06:28            |
| RE132D5-20241217MSD | P5317-20MSD      | VX044418.D     | 12/19/2024       | 06:51            |
| VSTDCCC050EC        | VSTDCCC050       | VX044419.D     | 12/19/2024       | 07:14            |