

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01  
Lab Code: CHEM Case No.: Q1495 SAS No.: Q1495 SDG NO.: Q1495  
Lab File ID: VX045284.D BFB Injection Date: 03/14/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 09:28  
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            | 22.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 55.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 72.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.4 ( 96.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.7 ( 6.6 ) 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 |
|---------------------------|------------------|----------------|------------------|------------------|
| VSTDCCC020                | VSTDCCC020       | VX045285.D     | 03/14/2025       | 10:17            |
| VX0314WBS01               | VX0314WBS01      | VX045286.D     | 03/14/2025       | 10:50            |
| VX0314WBL01               | VX0314WBL01      | VX045288.D     | 03/14/2025       | 11:40            |
| 001-WILLETS-PT-BLVD (MAR) | Q1495-01         | VX045291.D     | 03/14/2025       | 12:59            |
| 002-35TH-AVE (MAR)        | Q1495-02         | VX045292.D     | 03/14/2025       | 13:22            |
| VX0314WBSD01              | VX0314WBSD01     | VX045293.D     | 03/14/2025       | 15:22            |