

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TRIS02  
Lab Code: CHEM Case No.: Q1429 SAS No.: Q1429 SDG NO.: Q1429  
Lab File ID: VX045043.D BFB Injection Date: 02/26/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 09:33  
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            | 20.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.8                 |
| 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         | 0.6 ( 0.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 74.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 71.9 ( 96.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.7 ( 6.5 ) 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       | VX045044.D     | 02/26/2025       | 10:05            |
| VX0226WBS01       | VX0226WBS01      | VX045045.D     | 02/26/2025       | 10:36            |
| VX0226WBSD01      | VX0226WBSD01     | VX045046.D     | 02/26/2025       | 11:03            |
| VX0226WBL01       | VX0226WBL01      | VX045047.D     | 02/26/2025       | 11:26            |
| OUTFALL-DSN-001   | Q1429-01         | VX045052.D     | 02/26/2025       | 13:29            |
| OUTFALL-DSN-002   | Q1429-02         | VX045053.D     | 02/26/2025       | 13:52            |