

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01  
Lab Code: CHEM Case No.: Q1479 SAS No.: Q1479 SDG NO.: Q1479  
Lab File ID: VY021450.D BFB Injection Date: 03/07/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 09:27  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 20.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.8                 |
| 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         | 1.3 ( 1.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 81.7                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.7 ( 8.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 77.6 ( 95 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 6.9 ) 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       | VY021451.D     | 03/07/2025       | 09:59            |
| VY0307SBL01       | VY0307SBL01      | VY021452.D     | 03/07/2025       | 10:35            |
| VY0307SBS01       | VY0307SBS01      | VY021453.D     | 03/07/2025       | 12:03            |
| DSP2              | Q1479-02         | VY021456.D     | 03/07/2025       | 13:18            |