

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GFEL01  
Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG NO.: Q1801  
Lab File ID: VL042394.D BFB Injection Date: 04/21/2025  
Instrument ID: MSVOA\_L BFB Injection Time: 07:58  
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 26.7                 |
| 75  | 30.0 - 66.0% of mass 95            | 63.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 54.7                 |
| 175 | 4.0 - 9.0% of mass 174             | 4.2 ( 7.7 ) 1        |
| 176 | 93.0 - 101.0% of mass 174          | 52.9 ( 96.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 3.4 ( 6.4 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC010        | VSTDCCC010       | VL042395.D     | 04/21/2025       | 08:41            |
| VL0421ABL01       | VL0421ABL01      | VL042396.D     | 04/21/2025       | 09:28            |
| VL0421ABS01       | VL0421ABS01      | VL042397.D     | 04/21/2025       | 10:14            |
| SS2R              | Q1801-01         | VL042400.D     | 04/21/2025       | 12:07            |
| SS3               | Q1801-02         | VL042401.D     | 04/21/2025       | 12:51            |
| IA1DUP            | Q1844-02DUP      | VL042403.D     | 04/21/2025       | 14:13            |