

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENVI46  
Lab Code: CHEM Case No.: Q1532 SAS No.: Q1532 SDG NO.: Q1532  
Lab File ID: VL042114.D BFB Injection Date: 03/10/2025  
Instrument ID: MSVOA\_L BFB Injection Time: 08:22  
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             | 22.6                 |
| 75  | 30.0 - 66.0% of mass 95            | 53.4                 |
| 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         | 0.7 ( 1.1 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 63.1                 |
| 175 | 4.0 - 9.0% of mass 174             | 4.8 ( 7.6 ) 1        |
| 176 | 93.0 - 101.0% of mass 174          | 60.4 ( 95.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 3.9 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC010        | VSTDCCC010       | VL042115.D     | 03/10/2025       | 09:08            |
| VL0310ABL01       | VL0310ABL01      | VL042116.D     | 03/10/2025       | 09:54            |
| VL0310ABS01       | VL0310ABS01      | VL042117.D     | 03/10/2025       | 10:52            |
| 1                 | Q1532-01         | VL042121.D     | 03/10/2025       | 12:59            |
| 1DUP              | Q1532-01DUP      | VL042122.D     | 03/10/2025       | 13:32            |
| 2                 | Q1532-02         | VL042123.D     | 03/10/2025       | 14:06            |
| 3                 | Q1532-03         | VL042125.D     | 03/10/2025       | 15:10            |
| 4                 | Q1532-04         | VL042127.D     | 03/10/2025       | 16:15            |