

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PORT06  
Lab Code: CHEM Case No.: Q1415 SAS No.: Q1415 SDG NO.: Q1415  
Lab File ID: VY021319.D BFB Injection Date: 02/26/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 09:12  
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            | 21.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 55.4                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 1.2 ( 1.5 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 78.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.5 ( 8.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 75.9 ( 96.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.1 ( 6.7 ) 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       | VY021320.D     | 02/26/2025       | 10:11            |
| VY0226SBL01       | VY0226SBL01      | VY021321.D     | 02/26/2025       | 10:50            |
| VY0226SBS01       | VY0226SBS01      | VY021322.D     | 02/26/2025       | 11:22            |
| VY0226SBSD01      | VY0226SBSD01     | VY021323.D     | 02/26/2025       | 11:44            |
| B-172-SB01        | Q1415-02         | VY021335.D     | 02/26/2025       | 16:37            |
| B-163-SB01        | Q1415-01         | VY021336.D     | 02/26/2025       | 17:01            |
| B-172-SB02        | Q1415-04         | VY021337.D     | 02/26/2025       | 17:24            |
| B-163-SB02        | Q1415-03         | VY021338.D     | 02/26/2025       | 17:48            |