

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01  
Lab Code: CHEM Case No.: Q2114 SAS No.: Q2114 SDG NO.: Q2114  
Lab File ID: VX046330.D BFB Injection Date: 05/23/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 08:25  
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            | 22                   |
| 75  | 30.0 - 60.0% of mass 95            | 56.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 66.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.6 ( 6.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64 ( 95.9 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VX046331.D     | 05/23/2025       | 09:24            |
| VX0523WBL01       | VX0523WBL01      | VX046333.D     | 05/23/2025       | 10:16            |
| VX0523WBS01       | VX0523WBS01      | VX046334.D     | 05/23/2025       | 10:57            |
| VX0523WBSD01      | VX0523WBSD01     | VX046337.D     | 05/23/2025       | 12:10            |
| FB                | Q2114-02         | VX046349.D     | 05/23/2025       | 16:49            |
| GAW1              | Q2114-01         | VX046351.D     | 05/23/2025       | 17:36            |