

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02  
Lab Code: CHEM Case No.: Q2189 SAS No.: Q2189 SDG NO.: Q2189  
Lab File ID: VN086939.D BFB Injection Date: 06/11/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 10:22  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 15.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 46.5                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 71.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 68.8 ( 96.8 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 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       | VN086940.D     | 06/11/2025       | 11:32            |
| VN0611WBL01       | VN0611WBL01      | VN086942.D     | 06/11/2025       | 12:28            |
| VN0611WBS02       | VN0611WBS02      | VN086944.D     | 06/11/2025       | 13:27            |
| VN0611WBSD02      | VN0611WBSD02     | VN086945.D     | 06/11/2025       | 14:01            |
| MW-7-20250602     | Q2189-01         | VN086950.D     | 06/11/2025       | 15:50            |