

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WEST04  
Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG NO.: Q1211  
Lab File ID: VN085590.D BFB Injection Date: 01/31/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 09:30  
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            | 23.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.5                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.2                  |
| 173 | Less than 2.0% of mass 174         | 1 ( 1.4 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 76.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.3 ( 8.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.9 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6 ) 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       | VN085591.D     | 01/31/2025       | 10:04            |
| VN0131WBL01               | VN0131WBL01      | VN085592.D     | 01/31/2025       | 10:42            |
| VN0131WBS01               | VN0131WBS01      | VN085593.D     | 01/31/2025       | 11:06            |
| TAPIAL2-MW03-012825-00-T3 | Q1211-02         | VN085595.D     | 01/31/2025       | 12:03            |
| VSTDCCC050EC              | VSTDCCC050       | VN085615.D     | 01/31/2025       | 20:29            |