

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PORT06  
Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514  
Lab File ID: VN085927.D BFB Injection Date: 03/11/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 12:12  
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            | 16.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.2                 |
| 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         | 1.1 ( 1.4 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 78.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 75.9 ( 96.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VN085928.D     | 03/11/2025       | 13:22            |
| VN0311WBL01       | VN0311WBL01      | VN085930.D     | 03/11/2025       | 14:21            |
| VN0311WBS01       | VN0311WBS01      | VN085931.D     | 03/11/2025       | 14:54            |
| FB03062025        | Q1514-09         | VN085934.D     | 03/11/2025       | 16:16            |