

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02  
Lab Code: CHEM Case No.: Q1676 SAS No.: Q1676 SDG NO.: Q1676  
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 16:15  
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            | 23.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 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             | 5.2 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 65.3 ( 97.8 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.8 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC001         | VSTDIC001        | VX045525.D     | 04/01/2025       | 17:06            |
| VSTDIC005         | VSTDIC005        | VX045526.D     | 04/01/2025       | 17:29            |
| VSTDIC020         | VSTDIC020        | VX045527.D     | 04/01/2025       | 17:52            |
| VSTDIC050         | VSTDIC050        | VX045528.D     | 04/01/2025       | 18:15            |
| VSTDIC100         | VSTDIC100        | VX045529.D     | 04/01/2025       | 18:38            |
| VSTDIC150         | VSTDIC150        | VX045530.D     | 04/01/2025       | 19:02            |