

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCIA01  
Lab Code: CHEM Case No.: Q2021 SAS No.: Q2021 SDG NO.: Q2021  
Lab File ID: VY022252.D BFB Injection Date: 05/15/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 07:52  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 24                   |
| 75  | 30.0 - 60.0% of mass 95            | 55.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 0.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 80.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.9 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 77.5 ( 96.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY022253.D     | 05/15/2025       | 09:46            |
| VSTDIC010         | VSTDIC010        | VY022254.D     | 05/15/2025       | 10:16            |
| VSTDIC020         | VSTDIC020        | VY022255.D     | 05/15/2025       | 10:39            |
| VSTDIC050         | VSTDIC050        | VY022256.D     | 05/15/2025       | 11:02            |
| VSTDIC100         | VSTDIC100        | VY022257.D     | 05/15/2025       | 11:24            |
| VSTDIC150         | VSTDIC150        | VY022258.D     | 05/15/2025       | 11:47            |