

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TULL01  
Lab Code: CHEM Case No.: Q1949 SAS No.: Q1949 SDG NO.: Q1949  
Lab File ID: VN086371.D BFB Injection Date: 04/23/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 08:43  
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            | 19.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.9                  |
| 173 | Less than 2.0% of mass 174         | 0.6 ( 0.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 70.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 67.1 ( 95.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.7 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VN086372.D     | 04/23/2025       | 09:22            |
| VSTDIC020         | VSTDIC020        | VN086373.D     | 04/23/2025       | 09:45            |
| VSTDIC150         | VSTDIC150        | VN086378.D     | 04/23/2025       | 11:53            |
| VSTDIC100         | VSTDIC100        | VN086379.D     | 04/23/2025       | 12:37            |
| VSTDIC050         | VSTDIC050        | VN086380.D     | 04/23/2025       | 13:17            |