

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WEST04  
Lab Code: CHEM Case No.: Q1109 SAS No.: Q1109 SDG NO.: Q1109  
Lab File ID: VN085437.D BFB Injection Date: 01/14/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 14:22  
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            | 22.3                 |
| 75  | 30.0 - 60.0% of mass 95            | 58                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.8                  |
| 173 | Less than 2.0% of mass 174         | 1.4 ( 1.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 76                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 74.1 ( 97.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC100         | VSTDIC100        | VN085438.D     | 01/14/2025       | 14:56            |
| VSTDICCC050       | VSTDICCC050      | VN085439.D     | 01/14/2025       | 15:19            |
| VSTDIC020         | VSTDIC020        | VN085440.D     | 01/14/2025       | 15:43            |
| VSTDIC010         | VSTDIC010        | VN085441.D     | 01/14/2025       | 16:07            |
| VSTDIC005         | VSTDIC005        | VN085442.D     | 01/14/2025       | 16:31            |
| VSTDIC001         | VSTDIC001        | VN085443.D     | 01/14/2025       | 17:19            |