

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02  
Lab Code: CHEM Case No.: P5369 SAS No.: P5369 SDG NO.: P5369  
Lab File ID: VN085338.D BFB Injection Date: 12/30/2024  
Instrument ID: MSVOA\_N BFB Injection Time: 10:39  
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            | 22.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 57.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.2                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.1 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 75.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 6 ( 7.9 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 72.2 ( 95 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.1 ) 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       | VN085339.D     | 12/30/2024       | 12:27            |
| VN1230WBL01                     | VN1230WBL01      | VN085341.D     | 12/30/2024       | 13:26            |
| VN1230WBS01                     | VN1230WBS01      | VN085342.D     | 12/30/2024       | 13:50            |
| VN1230WBSD01                    | VN1230WBSD01     | VN085343.D     | 12/30/2024       | 14:25            |
| STORAGE-BLANK-SOIL-REF-6        | P5369-01         | VN085345.D     | 12/30/2024       | 15:14            |
| STORAGE-BLANK-SOIL-REF-5        | P5369-02         | VN085346.D     | 12/30/2024       | 15:38            |
| STORAGE-BLANK-SOIL-REF-4        | P5369-03         | VN085347.D     | 12/30/2024       | 16:02            |
| STORAGE-BLANK-SAMPLE-MANAGEMENT | P5369-04         | VN085348.D     | 12/30/2024       | 16:26            |