

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02  
Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG NO.: Q1469  
Lab File ID: VX045076.D BFB Injection Date: 02/28/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 10:03  
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            | 21.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.2                 |
| 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         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 74.6                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 72.8 ( 97.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.1 ( 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 |
|---------------------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050                      | VSTDCCC050       | VX045077.D     | 02/28/2025       | 10:32            |
| VX0228WBL01                     | VX0228WBL01      | VX045079.D     | 02/28/2025       | 11:23            |
| VX0228WBS01                     | VX0228WBS01      | VX045080.D     | 02/28/2025       | 11:46            |
| VX0228WBSD01                    | VX0228WBSD01     | VX045081.D     | 02/28/2025       | 12:13            |
| Storage-Blank-SOIL-REF-6        | Q1469-01         | VX045091.D     | 02/28/2025       | 16:07            |
| Storage-Blank-WATER-REF-5       | Q1469-02         | VX045092.D     | 02/28/2025       | 16:31            |
| Storage-Blank-WATER-REF-4       | Q1469-03         | VX045093.D     | 02/28/2025       | 16:54            |
| Storage-Blank-SAMPLE-MANAGEMENT | Q1469-04         | VX045094.D     | 02/28/2025       | 17:17            |