

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02  
Lab Code: CHEM Case No.: Q1676 SAS No.: Q1676 SDG NO.: Q1676  
Lab File ID: VX045558.D BFB Injection Date: 04/03/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 10:01  
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            | 22.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 56.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.2                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.1 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 65.9 ( 97.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 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       | VX045559.D     | 04/03/2025       | 10:30            |
| VX0403WBL01                     | VX0403WBL01      | VX045561.D     | 04/03/2025       | 11:21            |
| VX0403WBS01                     | VX0403WBS01      | VX045563.D     | 04/03/2025       | 12:08            |
| VX0403WBSD01                    | VX0403WBSD01     | VX045567.D     | 04/03/2025       | 13:41            |
| Storage-Blank-SOIL-REF-6        | Q1676-01         | VX045580.D     | 04/03/2025       | 18:43            |
| Storage-Blank-WATER-REF-5       | Q1676-02         | VX045581.D     | 04/03/2025       | 19:06            |
| Storage-Blank-WATER-REF-4       | Q1676-03         | VX045582.D     | 04/03/2025       | 19:29            |
| Storage-Blank-SAMPLE-MANAGEMENT | Q1676-04         | VX045583.D     | 04/03/2025       | 19:52            |