

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03  
Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883  
Lab File ID: VY022045.D BFB Injection Date: 04/29/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:20  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 15.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 47.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 1.5 ( 1.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 92.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 7 ( 7.5 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 88.9 ( 95.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.8 ( 6.5 ) 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       | VY022046.D     | 04/29/2025       | 09:28            |
| VY0429SBL01          | VY0429SBL01      | VY022047.D     | 04/29/2025       | 10:00            |
| VY0429SBS01          | VY0429SBS01      | VY022048.D     | 04/29/2025       | 10:31            |
| VY0429SBSD01         | VY0429SBSD01     | VY022049.D     | 04/29/2025       | 10:53            |
| OU4-PCS-TC-27-042325 | Q1883-01         | VY022064.D     | 04/29/2025       | 18:14            |
| OU4-PCS-TC-28-042325 | Q1883-03         | VY022065.D     | 04/29/2025       | 18:37            |
| VSTDCCC050EC         | VSTDCCC050       | VY022068.D     | 04/29/2025       | 19:45            |