

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GFEL01  
Lab Code: CHEM Case No.: Q1757 SAS No.: Q1757 SDG NO.: Q1757  
Lab File ID: VL042171.D BFB Injection Date: 03/27/2025  
Instrument ID: MSVOA\_L BFB Injection Time: 07:44  
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 23                   |
| 75  | 30.0 - 66.0% of mass 95            | 56.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 63.8                 |
| 175 | 4.0 - 9.0% of mass 174             | 5.1 ( 8 ) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 61.1 ( 95.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.2 ( 6.8 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDICCC010       | VSTDICCC010      | VL042172.D     | 03/27/2025       | 08:26            |
| VSTDICCC002       | VSTDICCC002      | VL042173.D     | 03/27/2025       | 08:59            |
| VSTDICCC001       | VSTDICCC001      | VL042174.D     | 03/27/2025       | 09:30            |
| VSTDICCC0.5       | VSTDICCC0.5      | VL042175.D     | 03/27/2025       | 10:01            |
| VSTDICCC0.1       | VSTDICCC0.1      | VL042176.D     | 03/27/2025       | 10:32            |
| VSTDICCC0.03      | VSTDICCC0.03     | VL042177.D     | 03/27/2025       | 11:03            |
| VSTDICCC015       | VSTDICCC015      | VL042178.D     | 03/27/2025       | 11:36            |