

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05  
Lab Code: CHEM Case No.: Q2233 SAS No.: Q2233 SDG NO.: Q2233  
Lab File ID: VX046516.D BFB Injection Date: 06/06/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 08:47  
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                   |
| 75  | 30.0 - 60.0% of mass 95            | 56.5                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.6 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 65.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5 ( 7.7 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 62.7 ( 96.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.2 ( 6.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VX046518.D     | 06/06/2025       | 09:42            |
| VSTDIC020         | VSTDIC020        | VX046519.D     | 06/06/2025       | 10:18            |
| VSTDIC050         | VSTDIC050        | VX046520.D     | 06/06/2025       | 10:40            |
| VSTDIC100         | VSTDIC100        | VX046521.D     | 06/06/2025       | 11:02            |
| VSTDIC150         | VSTDIC150        | VX046522.D     | 06/06/2025       | 11:25            |
| VSTDIC001         | VSTDIC001        | VX046524.D     | 06/06/2025       | 12:57            |