

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02  
Lab Code: CHEM Case No.: P4676 SAS No.: P4676 SDG NO.: P4676  
Lab File ID: VX043555.D BFB Injection Date: 10/28/2024  
Instrument ID: MSVOA\_X BFB Injection Time: 10:09  
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            | 17.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 71.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.6 ( 7.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 68.9 ( 96.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC001         | VSTDIC001        | VX043556.D     | 10/28/2024       | 10:59            |
| VSTDIC005         | VSTDIC005        | VX043557.D     | 10/28/2024       | 11:22            |
| VSTDIC020         | VSTDIC020        | VX043558.D     | 10/28/2024       | 11:45            |
| VSTDIC050         | VSTDIC050        | VX043559.D     | 10/28/2024       | 12:08            |
| VSTDIC100         | VSTDIC100        | VX043560.D     | 10/28/2024       | 12:31            |
| VSTDIC150         | VSTDIC150        | VX043561.D     | 10/28/2024       | 12:54            |