

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JPCL01  
Lab Code: CHEM Case No.: P4768 SAS No.: P4768 SDG NO.: P4768  
Lab File ID: VY020074.D BFB Injection Date: 10/30/2024  
Instrument ID: MSVOA\_Y BFB Injection Time: 12:07  
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            | 24                   |
| 75  | 30.0 - 60.0% of mass 95            | 57.2                 |
| 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         | 1.1 ( 1.4 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 74.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.8 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.8 ( 95.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.9 ) 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        | VY020075.D     | 10/30/2024       | 12:39            |
| VSTDIC010         | VSTDIC010        | VY020076.D     | 10/30/2024       | 13:02            |
| VSTDIC020         | VSTDIC020        | VY020077.D     | 10/30/2024       | 13:24            |
| VSTDIC050         | VSTDIC050        | VY020078.D     | 10/30/2024       | 14:06            |
| VSTDIC100         | VSTDIC100        | VY020079.D     | 10/30/2024       | 14:29            |
| VSTDIC150         | VSTDIC150        | VY020080.D     | 10/30/2024       | 14:52            |