

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05  
Lab Code: CHEM Case No.: Q1501 SAS No.: Q1501 SDG NO.: Q1501  
Lab File ID: VX045067.D BFB Injection Date: 02/28/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 01:03  
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            | 20.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.6                 |
| 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         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 73.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.8 ( 7.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.6 ( 95.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.3 ( 6.2 ) 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        | VX045068.D     | 02/28/2025       | 01:27            |
| VSTDIC005         | VSTDIC005        | VX045069.D     | 02/28/2025       | 02:13            |
| VSTDIC020         | VSTDIC020        | VX045070.D     | 02/28/2025       | 02:37            |
| VSTDIC050         | VSTDIC050        | VX045071.D     | 02/28/2025       | 03:00            |
| VSTDIC100         | VSTDIC100        | VX045072.D     | 02/28/2025       | 03:23            |
| VSTDIC150         | VSTDIC150        | VX045073.D     | 02/28/2025       | 03:47            |