

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2082 SAS No.: Q2082 SDG NO.: Q2082  
Lab File ID: VX046038.D BFB Injection Date: 05/05/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 09:37  
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            | 22.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 56.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.5 ( 0.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 68.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5 ( 7.3 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 66.7 ( 97 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC020         | VSTDIC020        | VX046041.D     | 05/05/2025       | 11:35            |
| VSTDIC050         | VSTDIC050        | VX046042.D     | 05/05/2025       | 11:58            |
| VSTDIC100         | VSTDIC100        | VX046043.D     | 05/05/2025       | 12:21            |
| VSTDIC150         | VSTDIC150        | VX046044.D     | 05/05/2025       | 12:45            |
| VSTDIC005         | VSTDIC005        | VX046046.D     | 05/05/2025       | 16:04            |
| VSTDIC001         | VSTDIC001        | VX046047.D     | 05/05/2025       | 16:27            |