

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WALS01  
Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626  
Lab File ID: VY021395.D BFB Injection Date: 03/04/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:52  
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            | 20.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 54.3                 |
| 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         | 1.4 ( 1.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 77.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.6 ( 8.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 75.7 ( 97.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC010         | VSTDIC010        | VY021397.D     | 03/04/2025       | 09:46            |
| VSTDIC020         | VSTDIC020        | VY021398.D     | 03/04/2025       | 10:09            |
| VSTDIC050         | VSTDIC050        | VY021399.D     | 03/04/2025       | 10:30            |
| VSTDIC100         | VSTDIC100        | VY021400.D     | 03/04/2025       | 11:06            |
| VSTDIC150         | VSTDIC150        | VY021401.D     | 03/04/2025       | 11:29            |
| VSTDIC005         | VSTDIC005        | VY021403.D     | 03/04/2025       | 12:15            |