

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ATGG01  
Lab Code: CHEM Case No.: Q2115 SAS No.: Q2115 SDG NO.: Q2115  
Lab File ID: VN086668.D BFB Injection Date: 05/16/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 15:33  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 17.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 50                   |
| 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 ( 0.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 74.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.6 ( 98.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6.1 ) 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        | VN086669.D     | 05/16/2025       | 16:31            |
| VSTDIC005         | VSTDIC005        | VN086670.D     | 05/16/2025       | 16:55            |
| VSTDIC010         | VSTDIC010        | VN086671.D     | 05/16/2025       | 17:19            |
| VSTDIC020         | VSTDIC020        | VN086672.D     | 05/16/2025       | 17:43            |
| VSTDIC050         | VSTDIC050        | VN086673.D     | 05/16/2025       | 18:08            |
| VSTDIC100         | VSTDIC100        | VN086674.D     | 05/16/2025       | 18:32            |