

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PORT06  
Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578  
Lab File ID: VY020048.D BFB Injection Date: 10/29/2024  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:58  
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            | 24.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 59.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 1.2 ( 1.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 71.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.8 ( 8 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 68.4 ( 95.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 7.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VY020049.D     | 10/29/2024       | 09:31            |
| VY1029SBL01       | VY1029SBL01      | VY020050.D     | 10/29/2024       | 10:01            |
| VY1029SBS01       | VY1029SBS01      | VY020051.D     | 10/29/2024       | 11:04            |
| WB-305-BOT        | P4578-05         | VY020062.D     | 10/29/2024       | 15:36            |