

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05  
Lab Code: CHEM Case No.: Q1741 SAS No.: Q1741 SDG NO.: Q1741  
Lab File ID: VX045613.D BFB Injection Date: 04/07/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 08:34  
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            | 23.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.2                 |
| 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         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 67.3 ( 99.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VX045614.D     | 04/07/2025       | 09:17            |
| VX0407WBL01       | VX0407WBL01      | VX045616.D     | 04/07/2025       | 10:11            |
| VX0407WBS01       | VX0407WBS01      | VX045617.D     | 04/07/2025       | 10:34            |
| VX0407WBSD01      | VX0407WBSD01     | VX045618.D     | 04/07/2025       | 11:00            |
| FB01-040425       | Q1741-03         | VX045623.D     | 04/07/2025       | 12:56            |
| TB01-040425       | Q1741-04         | VX045624.D     | 04/07/2025       | 13:19            |
| RMW-06B-74-040425 | Q1741-02         | VX045628.D     | 04/07/2025       | 14:58            |