

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2693

Lab File ID: VX047127.D

BFB Injection Date: 07/25/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:40

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            | 19.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.4                 |
| 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           | 73                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.3 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.6 ( 96.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID                       | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---------------------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050                      | VSTDCCC050    | VX047128.D  | 07/25/2025    | 09:40         |
| VX0725WBL01                     | VX0725WBL01   | VX047130.D  | 07/25/2025    | 10:29         |
| VX0725WBS01                     | VX0725WBS01   | VX047132.D  | 07/25/2025    | 11:17         |
| VX0725WBSD01                    | VX0725WBSD01  | VX047134.D  | 07/25/2025    | 12:00         |
| STORAGE-BLANK-SAMPLE-MANAGEMENT | Q2693-04      | VX047139.D  | 07/25/2025    | 13:47         |