

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: APEX04

Lab Code: ACE

SDG NO.: Q3038

Lab File ID: VL042899.D

BFB Injection Date: 09/08/2025

Instrument ID: MSVOA\_L

BFB Injection Time: 08:41

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 23.4                 |
| 75  | 30.0 - 66.0% of mass 95            | 58.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.5 ( 1 ) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 55.2                 |
| 175 | 4.0 - 9.0% of mass 174             | 4 ( 7.3 ) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 54.2 ( 98.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 3.4 ( 6.3 ) 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 |
|-------------|---------------|-------------|---------------|---------------|
| VSTDCCC010  | VSTDCCC010    | VL042900.D  | 09/08/2025    | 11:05         |
| VL0908ABL01 | VL0908ABL01   | VL042901.D  | 09/08/2025    | 11:55         |
| VL0908ABS01 | VL0908ABS01   | VL042902.D  | 09/08/2025    | 13:35         |
| IA-2DUP     | Q3037-01DUP   | VL042905.D  | 09/08/2025    | 15:59         |
| SV-1        | Q3038-01      | VL042906.D  | 09/08/2025    | 16:33         |