

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GFEL01

Lab Code: ACE

SDG NO.: Q3797

Lab File ID: VL043202.D

BFB Injection Date: 11/18/2025

Instrument ID: MSVOA\_L

BFB Injection Time: 08:46

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             | 22.1                 |
| 75  | 30.0 - 66.0% of mass 95            | 55.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 63.6                 |
| 175 | 4.0 - 9.0% of mass 174             | 5 ( 7.8 ) 1          |
| 176 | 93.0 - 101.0% of mass 174          | 60.7 ( 95.5 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4 ( 6.6 ) 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 |
|-------------|---------------|-------------|---------------|---------------|
| VSTDIC0.5   | VSTDIC0.5     | VL043203.D  | 11/18/2025    | 09:29         |
| VSTDICCC010 | VSTDICCC010   | VL043204.D  | 11/18/2025    | 10:02         |
| VSTDIC002   | VSTDIC002     | VL043205.D  | 11/18/2025    | 10:37         |
| VSTDIC001   | VSTDIC001     | VL043206.D  | 11/18/2025    | 11:10         |
| VSTDIC0.1   | VSTDIC0.1     | VL043208.D  | 11/18/2025    | 12:16         |
| VSTDIC0.03  | VSTDIC0.03    | VL043209.D  | 11/18/2025    | 12:49         |
| VSTDIC015   | VSTDIC015     | VL043210.D  | 11/18/2025    | 13:24         |