

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GFEL01

Lab Code: ACE

SDG NO.: Q3306

Lab File ID: VL043053.D

BFB Injection Date: 10/08/2025

Instrument ID: MSVOA\_L

BFB Injection Time: 08:00

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

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 23.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 56.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.3 ( 0.5 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 61.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.5 ( 7.2 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 58.7 ( 94.8 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 3.7 ( 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    | VL043054.D  | 10/08/2025    | 08:54         |
| VL1008ABL01 | VL1008ABL01   | VL043055.D  | 10/08/2025    | 09:39         |
| VL1008ABS01 | VL1008ABS01   | VL043056.D  | 10/08/2025    | 10:23         |
| IA1         | Q3306-01      | VL043061.D  | 10/08/2025    | 13:23         |
| IA1DUP      | Q3306-01DUP   | VL043062.D  | 10/08/2025    | 13:58         |
| OA1         | Q3306-02      | VL043063.D  | 10/08/2025    | 14:32         |
| SV2         | Q3306-04      | VL043066.D  | 10/08/2025    | 19:57         |
| SV1         | Q3306-03      | VL043067.D  | 10/08/2025    | 20:30         |