

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: HDRI08

Lab Code: ACE

SDG NO.: Q3466

Lab File ID: VY023383.D

BFB Injection Date: 10/07/2025

Instrument ID: MSVOA\_Y

BFB Injection Time: 08:43

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 16.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 48.1                 |
| 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         | 0.9 ( 0.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 99.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 7.3 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 95.4 ( 96.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 6.3 ( 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 |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC005 | VSTDIC005     | VY023384.D  | 10/07/2025    | 09:17         |
| VSTDIC010 | VSTDIC010     | VY023385.D  | 10/07/2025    | 10:02         |
| VSTDIC020 | VSTDIC020     | VY023386.D  | 10/07/2025    | 11:24         |
| VSTDIC050 | VSTDIC050     | VY023387.D  | 10/07/2025    | 11:47         |
| VSTDIC100 | VSTDIC100     | VY023388.D  | 10/07/2025    | 12:09         |
| VSTDIC150 | VSTDIC150     | VY023389.D  | 10/07/2025    | 12:32         |