

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q3373

Lab File ID: VX048226.D

BFB Injection Date: 10/20/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:15

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            | 17.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.3 ( 0.4 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 76.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.8 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.8 ( 96.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.5 ) 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 |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX048229.D  | 10/20/2025    | 10:59         |
| VSTDIC020 | VSTDIC020     | VX048231.D  | 10/20/2025    | 11:40         |
| VSTDIC050 | VSTDIC050     | VX048232.D  | 10/20/2025    | 12:01         |
| VSTDIC100 | VSTDIC100     | VX048233.D  | 10/20/2025    | 12:22         |
| VSTDIC150 | VSTDIC150     | VX048234.D  | 10/20/2025    | 12:43         |
| VSTDIC005 | VSTDIC005     | VX048236.D  | 10/20/2025    | 13:49         |