

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2501

Lab File ID: VX046859.D

BFB Injection Date: 07/02/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 11:12

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            | 18.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.1                 |
| 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         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 75.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.6 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.3 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.7 ) 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     | VX046860.D  | 07/02/2025    | 12:11         |
| VSTDIC005 | VSTDIC005     | VX046861.D  | 07/02/2025    | 12:37         |
| VSTDIC020 | VSTDIC020     | VX046862.D  | 07/02/2025    | 13:18         |
| VSTDIC050 | VSTDIC050     | VX046863.D  | 07/02/2025    | 13:39         |
| VSTDIC100 | VSTDIC100     | VX046864.D  | 07/02/2025    | 14:10         |
| VSTDIC150 | VSTDIC150     | VX046865.D  | 07/02/2025    | 14:31         |