

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ATGG01

Lab Code: ACE

SDG NO.: Q2930

Lab File ID: VV038972.D

BFB Injection Date: 08/21/2025

Instrument ID: MSVOA\_V

BFB Injection Time: 08:34

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            | 15.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 48.8                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 1.5 ( 1.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 80.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.1 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 79.3 ( 98.8 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 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 |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VV038973.D  | 08/21/2025    | 09:05         |
| VSTDIC005 | VSTDIC005     | VV038974.D  | 08/21/2025    | 09:48         |
| VSTDIC020 | VSTDIC020     | VV038975.D  | 08/21/2025    | 10:17         |
| VSTDIC050 | VSTDIC050     | VV038976.D  | 08/21/2025    | 10:38         |
| VSTDIC100 | VSTDIC100     | VV038977.D  | 08/21/2025    | 11:02         |
| VSTDIC010 | VSTDIC010     | VV038979.D  | 08/21/2025    | 11:45         |