

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab File ID: VN087327.D

BFB Injection Date: 07/16/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 16:10

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

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.8                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.1                  |
| 173 | Less than 2.0% of mass 174         | 0.6 ( 0.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 70.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 3.6 ( 5.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 68.7 ( 96.9 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 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     | VN087328.D  | 07/16/2025    | 17:05         |
| VSTDIC005 | VSTDIC005     | VN087329.D  | 07/16/2025    | 17:27         |
| VSTDIC020 | VSTDIC020     | VN087330.D  | 07/16/2025    | 17:49         |
| VSTDIC050 | VSTDIC050     | VN087331.D  | 07/16/2025    | 18:11         |
| VSTDIC100 | VSTDIC100     | VN087332.D  | 07/16/2025    | 18:32         |
| VSTDIC150 | VSTDIC150     | VN087333.D  | 07/16/2025    | 18:54         |