

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3083

Lab File ID: VN087819.D

BFB Injection Date: 09/15/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 08:18

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            | 23.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 74.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.3 ( 8.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.8 ( 95.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.8 ) 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 |
|-------------|---------------|-------------|---------------|---------------|
| VSTDCCC050  | VSTDCCC050    | VN087820.D  | 09/15/2025    | 08:39         |
| VN0915WBL01 | VN0915WBL01   | VN087822.D  | 09/15/2025    | 09:35         |
| VN0915WBS01 | VN0915WBS01   | VN087823.D  | 09/15/2025    | 09:56         |
| MW4S        | Q3083-01      | VN087825.D  | 09/15/2025    | 10:50         |