

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3015

Lab File ID: VN087868.D

BFB Injection Date: 09/17/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 08:24

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                   |
| 75  | 30.0 - 60.0% of mass 95            | 56.6                 |
| 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         | 0.8 ( 1.1 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 72.7                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.7 ( 6.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.5 ( 97 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.2 ( 5.9 ) 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 |
|------------------|---------------|-------------|---------------|---------------|
| VSTDCCC020       | VSTDCCC020    | VN087869.D  | 09/17/2025    | 09:42         |
| VN0917WBS01      | VN0917WBS01   | VN087870.D  | 09/17/2025    | 10:55         |
| VN0917WBSD01     | VN0917WBSD01  | VN087871.D  | 09/17/2025    | 11:30         |
| VN0917WBL01      | VN0917WBL01   | VN087872.D  | 09/17/2025    | 12:03         |
| WP0925-PT-VOA-WP | Q3015-02      | VN087873.D  | 09/17/2025    | 12:38         |