

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3103

Lab File ID: VN087846.D

BFB Injection Date: 09/16/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 11:25

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            | 22.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 55.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 5.7                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 72.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.5 ( 6.2 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.1 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6.4 ) 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    | VN087847.D  | 09/16/2025    | 13:55         |
| VN0916WBL01  | VN0916WBL01   | VN087849.D  | 09/16/2025    | 15:04         |
| VN0916WBS01  | VN0916WBS01   | VN087850.D  | 09/16/2025    | 15:25         |
| VN0916WBSD01 | VN0916WBSD01  | VN087851.D  | 09/16/2025    | 15:46         |
| TW-WTS-14    | Q3103-01      | VN087852.D  | 09/16/2025    | 16:08         |