

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q3181

Lab File ID: VN087960.D

BFB Injection Date: 09/26/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 12:11

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            | 19.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 54.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 76.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.3 ( 8.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.1 ( 95.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 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 |
|--------------|---------------|-------------|---------------|---------------|
| VSTDCCC050   | VSTDCCC050    | VN087961.D  | 09/26/2025    | 12:53         |
| VN0926WBL01  | VN0926WBL01   | VN087963.D  | 09/26/2025    | 13:49         |
| VN0926WBS01  | VN0926WBS01   | VN087964.D  | 09/26/2025    | 14:10         |
| VN0926WBSD01 | VN0926WBSD01  | VN087965.D  | 09/26/2025    | 14:45         |
| WC-A3-01-G   | Q3181-01      | VN087967.D  | 09/26/2025    | 15:27         |
| WC-A3-02-G   | Q3181-05      | VN087968.D  | 09/26/2025    | 15:49         |
| WC-A3-03-G   | Q3181-09      | VN087969.D  | 09/26/2025    | 16:10         |