

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3756

Lab File ID: VN088436.D

BFB Injection Date: 12/04/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 11:03

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            | 23.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 59.8                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.5 ( 0.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 70.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.8 ( 8.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 67.6 ( 96.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.3 ( 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    | VN088437.D  | 12/04/2025    | 11:44         |
| VN1204WBL01        | VN1204WBL01   | VN088439.D  | 12/04/2025    | 12:38         |
| VN1204WBS01        | VN1204WBS01   | VN088443.D  | 12/04/2025    | 14:12         |
| BR-01-190-120225   | Q3756-03      | VN088445.D  | 12/04/2025    | 15:06         |
| OW-04B-26.5-120225 | Q3756-01      | VN088446.D  | 12/04/2025    | 15:26         |
| MW-04-12-120225    | Q3756-05      | VN088447.D  | 12/04/2025    | 15:47         |
| MW-13B-47.5-120225 | Q3756-07      | VN088448.D  | 12/04/2025    | 16:07         |