

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q3506

Lab File ID: VX048444.D

BFB Injection Date: 11/03/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:20

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 21.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 57.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 1 ( 1.3 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 74.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.2 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 72 ( 96.9 ) 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    | VX048445.D  | 11/03/2025    | 09:14         |
| VX1103WBL01                 | VX1103WBL01   | VX048447.D  | 11/03/2025    | 11:25         |
| VX1103WBS01                 | VX1103WBS01   | VX048449.D  | 11/03/2025    | 12:21         |
| VX1103WBSD01                | VX1103WBSD01  | VX048450.D  | 11/03/2025    | 12:44         |
| STORAGE-BLANK-WATER-REF-5   | Q3506-02      | VX048452.D  | 11/03/2025    | 13:37         |
| STORAGE-BLANK-WATER-REF-4RE | Q3506-03RE    | VX048453.D  | 11/03/2025    | 13:58         |