

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2501

Lab File ID: VX046868.D

BFB Injection Date: 07/03/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 07:52

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            | 18.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 76                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 75.5 ( 99.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.5 ) 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    | VX046869.D  | 07/03/2025    | 08:19         |
| VX0703WBL01                     | VX0703WBL01   | VX046871.D  | 07/03/2025    | 09:09         |
| VX0703WBS01                     | VX0703WBS01   | VX046873.D  | 07/03/2025    | 09:56         |
| VX0703WBSD01                    | VX0703WBSD01  | VX046874.D  | 07/03/2025    | 10:23         |
| STORAGE-BLANK-SOIL-REF-6        | Q2501-01      | VX046882.D  | 07/03/2025    | 13:13         |
| STORAGE-BLANK-WATER-REF-5       | Q2501-02      | VX046883.D  | 07/03/2025    | 13:34         |
| STORAGE-BLANK-WATER-REF-4       | Q2501-03      | VX046884.D  | 07/03/2025    | 13:55         |
| STORAGE-BLANK-SAMPLE-MANAGEMENT | Q2501-04      | VX046885.D  | 07/03/2025    | 14:16         |