

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab File ID: VX047015.D

BFB Injection Date: 07/16/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:58

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            | 19.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.4                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 72                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 69.2 ( 96.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 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    | VX047016.D  | 07/16/2025    | 09:26         |
| VX0716WBL01   | VX0716WBL01   | VX047018.D  | 07/16/2025    | 10:34         |
| VX0716WBS01   | VX0716WBS01   | VX047022.D  | 07/16/2025    | 12:11         |
| VX0716WBSD01  | VX0716WBSD01  | VX047023.D  | 07/16/2025    | 12:38         |
| TRENCH        | Q2600-04      | VX047026.D  | 07/16/2025    | 13:42         |
| STOCK-PILE    | Q2600-08      | VX047027.D  | 07/16/2025    | 14:03         |
| END-OF-TRENCH | Q2600-12      | VX047028.D  | 07/16/2025    | 14:24         |