

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GARD04

Lab Code: ACE

SDG NO.: Q2554

Lab File ID: VX046932.D

BFB Injection Date: 07/10/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:43

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            | 19.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 75.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 71.9 ( 95.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.1 ( 7.1 ) 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    | VX046933.D  | 07/10/2025    | 09:54         |
| VX0710WBL01             | VX0710WBL01   | VX046935.D  | 07/10/2025    | 11:44         |
| VX0710WBS01             | VX0710WBS01   | VX046936.D  | 07/10/2025    | 12:10         |
| VX0710WBSD01            | VX0710WBSD01  | VX046937.D  | 07/10/2025    | 12:35         |
| 250709059-11 Trip blank | Q2554-04      | VX046942.D  | 07/10/2025    | 14:21         |
| 250709104-01 VOA        | Q2554-03      | VX046950.D  | 07/10/2025    | 17:12         |