

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GARD04

Lab Code: ACE

SDG NO.: Q2790

Lab File ID: VX047250.D

BFB Injection Date: 08/07/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 09:44

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            | 19.9                 |
| 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              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 72.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 69.7 ( 96.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.8 ) 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    | VX047251.D  | 08/07/2025    | 10:15         |
| VX0807WBL01             | VX0807WBL01   | VX047253.D  | 08/07/2025    | 11:03         |
| VX0807WBS01             | VX0807WBS01   | VX047254.D  | 08/07/2025    | 11:58         |
| VX0807WBSD01            | VX0807WBSD01  | VX047255.D  | 08/07/2025    | 12:23         |
| 250806062-03 Trip blank | Q2790-02      | VX047256.D  | 08/07/2025    | 12:45         |
| 250806078-01 VOA        | Q2790-01      | VX047257.D  | 08/07/2025    | 13:06         |
| 250806078-01 VOADL      | Q2790-01DL    | VX047259.D  | 08/07/2025    | 13:48         |