

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2815

Lab File ID: VX047399.D

BFB Injection Date: 08/19/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:38

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                   |
| 75  | 30.0 - 60.0% of mass 95            | 50.5                 |
| 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         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 72.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.3 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.3 ( 97.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5 ( 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    | VX047400.D  | 08/19/2025    | 09:37         |
| VX0819WBL01  | VX0819WBL01   | VX047402.D  | 08/19/2025    | 10:55         |
| VX0819WBS01  | VX0819WBS01   | VX047403.D  | 08/19/2025    | 11:55         |
| TW-22M-W     | Q2815-11      | VX047404.D  | 08/19/2025    | 12:16         |
| TW-22M-S     | Q2815-12      | VX047406.D  | 08/19/2025    | 12:59         |
| TW-17M-SRE   | Q2815-16RE    | VX047407.D  | 08/19/2025    | 13:20         |
| TB           | Q2815-24      | VX047408.D  | 08/19/2025    | 13:41         |
| TW-11M-W     | Q2815-20      | VX047412.D  | 08/19/2025    | 15:11         |
| TW-11M-E     | Q2815-21      | VX047413.D  | 08/19/2025    | 15:32         |
| TW-11M-N     | Q2815-23      | VX047415.D  | 08/19/2025    | 16:14         |
| TW-84SB-W    | Q2815-18      | VX047419.D  | 08/19/2025    | 17:39         |
| DUP          | Q2815-19      | VX047420.D  | 08/19/2025    | 18:00         |
| VSTDCCC050EC | VSTDCCC050    | VX047425.D  | 08/19/2025    | 19:47         |