

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2900

Lab File ID: VX047454.D

BFB Injection Date: 08/21/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 07:58

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            | 19.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.8                 |
| 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         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 77.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 74.3 ( 95.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5 ( 6.7 ) 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    | VX047455.D  | 08/21/2025    | 09:35         |
| VX0821WBL01     | VX0821WBL01   | VX047457.D  | 08/21/2025    | 10:24         |
| MN-12C-081825DL | Q2900-02DL    | VX047463.D  | 08/21/2025    | 12:43         |
| DUP-01-081825DL | Q2900-03DL    | VX047464.D  | 08/21/2025    | 13:04         |
| MW-11C-081825DL | Q2900-05DL    | VX047465.D  | 08/21/2025    | 13:25         |
| TB-081825       | Q2900-08      | VX047466.D  | 08/21/2025    | 13:46         |
| VX0821WBS02     | VX0821WBS02   | VX047467.D  | 08/21/2025    | 14:07         |
| MW-11B-081825RE | Q2900-07RE    | VX047469.D  | 08/21/2025    | 14:49         |
| MW-17C-081825   | Q2900-06      | VX047471.D  | 08/21/2025    | 15:31         |
| MW-17B-081825   | Q2900-04      | VX047474.D  | 08/21/2025    | 16:35         |