

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO15

Lab Code: ACE

SDG NO.: Q3194

Lab File ID: VX047980.D

BFB Injection Date: 10/03/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:35

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            | 20.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.1                 |
| 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 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.2 ( 7.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.1 ( 95.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 6.4 ) 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    | VX047981.D  | 10/03/2025    | 09:35         |
| VX1003WBL01        | VX1003WBL01   | VX047983.D  | 10/03/2025    | 10:16         |
| TT189D1-20250922DL | Q3194-01DL    | VX047985.D  | 10/03/2025    | 11:34         |
| VX1003WBS02        | VX1003WBS02   | VX047986.D  | 10/03/2025    | 12:22         |
| EB05-20250924RE    | Q3194-15RE    | VX047987.D  | 10/03/2025    | 12:49         |
| TT150S1-20250922   | Q3194-05      | VX047989.D  | 10/03/2025    | 13:30         |
| VSTDCCC050EC       | VSTDCCC050    | VX048007.D  | 10/03/2025    | 19:43         |