

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3393

Lab File ID: VW032377.D

BFB Injection Date: 10/20/2025

Instrument ID: MSVOA\_W

BFB Injection Time: 09:36

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 18.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.3 ( 0.5 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 66.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.2 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 63.7 ( 96.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 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    | VW032378.D  | 10/20/2025    | 10:20         |
| VW1020SBL01               | VW1020SBL01   | VW032379.D  | 10/20/2025    | 11:11         |
| VW1020SBS01               | VW1020SBS01   | VW032380.D  | 10/20/2025    | 11:41         |
| VW1020SBSD01              | VW1020SBSD01  | VW032381.D  | 10/20/2025    | 12:03         |
| PR132-S10-000022-20251017 | Q3393-01      | VW032393.D  | 10/20/2025    | 16:46         |
| PR132-S10-022047-20251017 | Q3393-02      | VW032394.D  | 10/20/2025    | 17:08         |