

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q2579

Lab File ID: VX046960.D

BFB Injection Date: 07/14/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:10

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            | 18.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 75.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.8 ( 98.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.5 ) 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    | VX046961.D  | 07/14/2025    | 09:16         |
| VX0714WBL01  | VX0714WBL01   | VX046963.D  | 07/14/2025    | 11:18         |
| VX0714WBS01  | VX0714WBS01   | VX046968.D  | 07/14/2025    | 13:10         |
| VX0714WBSD01 | VX0714WBSD01  | VX046969.D  | 07/14/2025    | 13:37         |
| WC-A2-13-G   | Q2579-01      | VX046981.D  | 07/14/2025    | 17:53         |
| WC-A2-14-G   | Q2579-05      | VX046982.D  | 07/14/2025    | 18:14         |