

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab File ID: VY022928.D

BFB Injection Date: 07/03/2025

Instrument ID: MSVOA\_Y

BFB Injection Time: 08:03

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            | 23                   |
| 75  | 30.0 - 60.0% of mass 95            | 56.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 1.1 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 85.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.3 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 81 ( 95.1 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 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    | VY022929.D  | 07/03/2025    | 09:26         |
| VY0703SBL01 | VY0703SBL01   | VY022930.D  | 07/03/2025    | 09:57         |
| VY0703SBS01 | VY0703SBS01   | VY022931.D  | 07/03/2025    | 10:29         |
| G4 (1.5)    | Q2487-01      | VY022938.D  | 07/03/2025    | 13:26         |
| G4 (10)     | Q2487-02      | VY022939.D  | 07/03/2025    | 13:50         |
| G3 (9)      | Q2487-03      | VY022940.D  | 07/03/2025    | 14:13         |
| G3 (3)      | Q2487-04      | VY022941.D  | 07/03/2025    | 14:36         |
| G2 (2.5) RE | Q2487-05RE    | VY022942.D  | 07/03/2025    | 15:00         |
| G2 (9)      | Q2487-06      | VY022943.D  | 07/03/2025    | 15:23         |
| G1 (4.5)    | Q2487-07      | VY022944.D  | 07/03/2025    | 15:47         |