

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: JACO05

Lab Code: ACE

SDG NO.: Q3835

Lab File ID: VV039444.D

BFB Injection Date: 12/03/2025

Instrument ID: MSVOA\_V

BFB Injection Time: 09:23

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            | 18.4                 |
| 75  | 30.0 - 60.0% of mass 95            | 48.8                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.9                  |
| 173 | Less than 2.0% of mass 174         | 1.7 ( 1.8 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 94.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.9 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 91.7 ( 97.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 6 ( 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 |
|-------------|---------------|-------------|---------------|---------------|
| VSTD0.02269 | VSTD0.0269    | VV039445.D  | 12/03/2025    | 09:55         |
| VSTD0.05270 | VSTD0.0570    | VV039446.D  | 12/03/2025    | 10:32         |
| VSTD0.1271  | VSTD0.171     | VV039447.D  | 12/03/2025    | 10:58         |
| VSTD0.5272  | VSTD0.572     | VV039448.D  | 12/03/2025    | 11:25         |
| VSTD001273  | VSTD00173     | VV039449.D  | 12/03/2025    | 11:52         |
| VSTD002274  | VSTD00274     | VV039450.D  | 12/03/2025    | 12:18         |