

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q2671

Lab File ID: VL042756.D

BFB Injection Date: 07/24/2025

Instrument ID: MSVOA\_L

BFB Injection Time: 07:39

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 23.9                 |
| 75  | 30.0 - 66.0% of mass 95            | 57.6                 |
| 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         | 0.6 ( 1 ) 1          |
| 174 | 50.0 - 120.0% of mass 95           | 64.5                 |
| 175 | 4.0 - 9.0% of mass 174             | 4.8 ( 7.4 ) 1        |
| 176 | 93.0 - 101.0% of mass 174          | 63 ( 97.6 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 3.8 ( 6.1 ) 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 |
|-------------|---------------|-------------|---------------|---------------|
| VSTDCCC010  | VSTDCCC010    | VL042757.D  | 07/24/2025    | 08:23         |
| VL0724ABL01 | VL0724ABL01   | VL042758.D  | 07/24/2025    | 10:12         |
| VL0724ABS01 | VL0724ABS01   | VL042759.D  | 07/24/2025    | 10:57         |
| 118-SG2DL   | Q2671-04DL    | VL042760.D  | 07/24/2025    | 11:39         |
| 118-SG1DL   | Q2671-05DL    | VL042761.D  | 07/24/2025    | 12:14         |
| 118-SG2     | Q2671-04      | VL042762.D  | 07/24/2025    | 13:17         |
| 118-SG1     | Q2671-05      | VL042763.D  | 07/24/2025    | 13:52         |
| 118-AAI     | Q2671-01      | VL042764.D  | 07/24/2025    | 14:28         |
| 118-AAIDUP  | Q2671-01DUP   | VL042765.D  | 07/24/2025    | 15:05         |
| 118-IA-1    | Q2671-02      | VL042767.D  | 07/24/2025    | 16:17         |
| 118-IA-1DL  | Q2671-02DL    | VL042768.D  | 07/24/2025    | 16:53         |
| 118-IA-2    | Q2671-03      | VL042769.D  | 07/24/2025    | 17:29         |
| 118-IA-2DL  | Q2671-03DL    | VL042770.D  | 07/24/2025    | 18:05         |