

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2820

Lab File ID: VW032079.D

BFB Injection Date: 08/14/2025

Instrument ID: MSVOA\_W

BFB Injection Time: 09:05

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            | 21.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 55.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 70.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.2 ( 8.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 67.5 ( 95.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.3 ( 6.4 ) 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    | VW032080.D  | 08/14/2025    | 09:27         |
| VW0814SBL01  | VW0814SBL01   | VW032081.D  | 08/14/2025    | 10:00         |
| VW0814SBS01  | VW0814SBS01   | VW032082.D  | 08/14/2025    | 10:27         |
| VW0814SBSD01 | VW0814SBSD01  | VW032083.D  | 08/14/2025    | 10:58         |
| 82H-W        | Q2820-02      | VW032085.D  | 08/14/2025    | 12:02         |
| 82H-N        | Q2820-03      | VW032086.D  | 08/14/2025    | 12:24         |
| SOIL-DUP-1   | Q2820-04      | VW032087.D  | 08/14/2025    | 12:46         |
| 518R-E       | Q2820-05      | VW032088.D  | 08/14/2025    | 13:09         |
| 518R-N       | Q2820-06      | VW032089.D  | 08/14/2025    | 13:31         |
| 518R-S       | Q2820-07      | VW032090.D  | 08/14/2025    | 13:54         |
| 518R-W       | Q2820-08      | VW032091.D  | 08/14/2025    | 14:16         |
| 705R-S       | Q2820-09      | VW032092.D  | 08/14/2025    | 14:39         |
| SOIL-DUP-2   | Q2820-10      | VW032093.D  | 08/14/2025    | 15:01         |
| 10PC-W       | Q2820-11      | VW032094.D  | 08/14/2025    | 15:24         |
| 10PC-S       | Q2820-12      | VW032095.D  | 08/14/2025    | 15:47         |
| 10P-W        | Q2820-13      | VW032096.D  | 08/14/2025    | 16:10         |
| 10P-E        | Q2820-14      | VW032097.D  | 08/14/2025    | 16:32         |
| 10P-N        | Q2820-16      | VW032099.D  | 08/14/2025    | 17:17         |

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| CLIENT ID    | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|--------------|---------------|-------------|---------------|---------------|
| 88H-E        | Q2820-17      | VW032100.D  | 08/14/2025    | 17:40         |
| 88H-N        | Q2820-18      | VW032101.D  | 08/14/2025    | 18:02         |
| 88H-W        | Q2820-19      | VW032102.D  | 08/14/2025    | 18:25         |
| 88H-S        | Q2820-20      | VW032103.D  | 08/14/2025    | 18:47         |
| VSTDCCC050EC | VSTDCCC050    | VW032105.D  | 08/14/2025    | 19:32         |