

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GFEL01

Lab Code: ACE

SDG NO.: Q3052

Lab File ID: VL042899.D

BFB Injection Date: 09/08/2025

Instrument ID: MSVOA_L

BFB Injection Time: 08:41

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	23.4
75	30.0 - 66.0% of mass 95	58.3
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	0.5 (1) 1
174	50.0 - 120.0% of mass 95	55.2
175	4.0 - 9.0% of mass 174	4 (7.3) 1
176	93.0 - 101.0% of mass 174	54.2 (98.3) 1
177	5.0 - 9.0% of mass 176	3.4 (6.3) 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	VL042900.D	09/08/2025	11:05
VL0908ABL01	VL0908ABL01	VL042901.D	09/08/2025	11:55
VL0908ABS01	VL0908ABS01	VL042902.D	09/08/2025	13:35
IA1	Q3052-03	VL042908.D	09/08/2025	17:45
OA1	Q3052-04	VL042909.D	09/08/2025	18:21
SV1	Q3052-01	VL042910.D	09/08/2025	18:56
IA1DL	Q3052-03DL	VL042913.D	09/08/2025	21:08
OA1	Q3052-04DUP	VL042914.D	09/08/2025	21:45
SV1DL	Q3052-01DL	VL042918.D	09/09/2025	08:22