

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GFEL01

Lab Code: ACE

SDG NO.: Q3111

Lab File ID: VL042928.D

BFB Injection Date: 09/17/2025

Instrument ID: MSVOA_L

BFB Injection Time: 07:51

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	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (1) 1
174	50.0 - 120.0% of mass 95	55.3
175	4.0 - 9.0% of mass 174	4 (7.3) 1
176	93.0 - 101.0% of mass 174	54.1 (97.8) 1
177	5.0 - 9.0% of mass 176	4 (7.4) 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
VSTDIC002	VSTDIC002	VL042930.D	09/17/2025	10:48
VSTDIC001	VSTDIC001	VL042931.D	09/17/2025	11:23
VSTDIC0.5	VSTDIC0.5	VL042932.D	09/17/2025	11:58
VSTDIC0.1	VSTDIC0.1	VL042933.D	09/17/2025	12:32
VSTDIC0.03	VSTDIC0.03	VL042934.D	09/17/2025	13:07
VSTDIC0010	VSTDIC0010	VL042935.D	09/17/2025	13:42
VSTDIC015	VSTDIC015	VL042936.D	09/17/2025	14:17