284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: FIRS02
Lab Code: ACE
SDG NO.: Q2815
Lab File ID: VX047370.D
BFB Injection Date: 08/18/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:32
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	19.4
75	30.0 - 60.0% of mass 95	52.5
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	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.3
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	70.6 (96.2) 1
177	5.0 - 9.0% of mass 176	4.4 (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
VSTDCCC050	VSTDCCC050	VX047371.D	08/18/2025	10:00
VX0818WBL01	VX0818WBL01	VX047373.D	08/18/2025	11:50
VX0818WBS01	VX0818WBS01	VX047374.D	08/18/2025	12:17
VX0818WBSD01	VX0818WBSD01	VX047375.D	08/18/2025	12:44
TW-705R-S	Q2815-01	VX047377.D	08/18/2025	13:27
TW-10PC-W	Q2815-02	VX047378.D	08/18/2025	13:48
TW-10P-E	Q2815-03	VX047379.D	08/18/2025	14:10
TW-10P-S	Q2815-04	VX047380.D	08/18/2025	14:31
TW-10P-W	Q2815-05	VX047381.D	08/18/2025	14:53
TW-10P-NRE	Q2815-06RE	VX047382.D	08/18/2025	15:14
TW-88H-N	Q2815-08	VX047383.D	08/18/2025	15:35
TW-88H-W	Q2815-09	VX047384.D	08/18/2025	15:57
TW-88H-S	Q2815-10	VX047385.D	08/18/2025	16:18
TW-22M-E	Q2815-13	VX047388.D	08/18/2025	17:22
TW-22M-N	Q2815-14	VX047389.D	08/18/2025	17:44
TW-17M-E	Q2815-15	VX047390.D	08/18/2025	18:05
TW-17M-S	Q2815-16	VX047391.D	08/18/2025	18:27
TW-84SB-S	Q2815-17	VX047392.D	08/18/2025	18:48

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2815

Lab File ID: VX047370.D | BFB Injection Date: 08/18/2025

Instrument ID: MSVOA_X | BFB Injection Time: 09:32

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
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177	5.0 - 9.0% of mass 176	4.4 (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
VSTDCCC050EC	VSTDCCC050	VX047398.D	08/18/2025	20:57