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.: Q2814
Lab File ID: VX047283.D
BFB Injection Date: 08/12/2025
Instrument ID: MSVOA_X
BFB Injection Time: 07:51
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
75	30.0 - 60.0% of mass 95	52.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	74.4
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	71.7 (96.3) 1
177	5.0 - 9.0% of mass 176	4.8 (6.7) 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	VX047284.D	08/12/2025	09:53
VX0812WBL02	VX0812WBL02	VX047287.D	08/12/2025	11:17
VX0812WBS01	VX0812WBS01	VX047288.D	08/12/2025	11:52
TW-84SB-E	Q2814-01	VX047290.D	08/12/2025	12:43
TW-17M-N	Q2814-02	VX047291.D	08/12/2025	13:05
VX0812WBSD01	VX0812WBSD01	VX047292.D	08/12/2025	13:26
TW-17M-W	Q2814-03	VX047293.D	08/12/2025	13:51
TW-82H-N	Q2814-04	VX047294.D	08/12/2025	14:13
TW-82H-E	Q2814-05	VX047295.D	08/12/2025	14:34
TW-82H-S	Q2814-06	VX047296.D	08/12/2025	14:56
TW-82H-W	Q2814-07	VX047297.D	08/12/2025	15:18
TW-38M-E	Q2814-08	VX047298.D	08/12/2025	15:39
TW-38M-W	Q2814-09	VX047299.D	08/12/2025	16:01
TW-38M-N	Q2814-10	VX047300.D	08/12/2025	16:23
TW-38M-S	Q2814-11	VX047301.D	08/12/2025	16:44
TW-BP-S	Q2814-12	VX047302.D	08/12/2025	17:06
TW-BP-N	Q2814-13	VX047303.D	08/12/2025	17:28
TW-BP-E	Q2814-14	VX047304.D	08/12/2025	17:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2814

Lab File ID: VX047283.D | BFB Injection Date: 08/12/2025

Instrument ID: MSVOA_X | BFB Injection Time: 07:51

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	4.8 (6.7) 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
TW-BP-W	Q2814-15	VX047305.D	08/12/2025	18:11
VSTDCCC050EC	VSTDCCC050	VX047307.D	08/12/2025	18:54