

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3626

Lab File ID: VL043231.D

BFB Injection Date: 11/19/2025

Instrument ID: MSVOA_L

BFB Injection Time: 08:43

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	23.6
75	30.0 - 66.0% of mass 95	59.7
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	0.4 (0.6) 1
174	50.0 - 120.0% of mass 95	66.5
175	4.0 - 9.0% of mass 174	5 (7.6) 1
176	93.0 - 101.0% of mass 174	64.9 (97.6) 1
177	5.0 - 9.0% of mass 176	4.2 (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
VSTDCCC010	VSTDCCC010	VL043232.D	11/19/2025	09:31
VL1119ABL01	VL1119ABL01	VL043233.D	11/19/2025	11:11
VL1119ABS01	VL1119ABS01	VL043234.D	11/19/2025	11:56
9A-SG-1	Q3626-01	VL043235.D	11/19/2025	12:43
9A-SG-2	Q3626-02	VL043236.D	11/19/2025	13:17
9B-SG-1	Q3626-03	VL043237.D	11/19/2025	13:50
9B-SG-2	Q3626-04	VL043238.D	11/19/2025	14:25
10-SG-1	Q3626-05	VL043239.D	11/19/2025	14:59
11-SG-1	Q3626-06	VL043240.D	11/19/2025	15:32
12-SG-1	Q3626-07	VL043241.D	11/19/2025	16:06
12-SG-2	Q3626-08	VL043242.D	11/19/2025	16:39
13-SG-1	Q3626-09	VL043243.D	11/19/2025	17:13
14-SG-1	Q3626-10	VL043244.D	11/19/2025	17:47
15-SG-1	Q3626-11	VL043245.D	11/19/2025	18:21
16-SG-1	Q3626-12	VL043246.D	11/19/2025	18:55
16-SG-1DL	Q3626-12DL	VL043247.D	11/19/2025	19:52
9A-SG-1DL	Q3626-01DL	VL043248.D	11/19/2025	20:25
9A-SG-2DUP	Q3626-02DUP	VL043249.D	11/19/2025	21:01

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: RTPE01

Lab Code: ACE

SDG NO.: Q3626

Lab File ID: VL043231.D

BFB Injection Date: 11/19/2025

Instrument ID: MSVOA_L

BFB Injection Time: 08:43

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	23.6
75	30.0 - 66.0% of mass 95	59.7
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	0.4 (0.6) 1
174	50.0 - 120.0% of mass 95	66.5
175	4.0 - 9.0% of mass 174	5 (7.6) 1
176	93.0 - 101.0% of mass 174	64.9 (97.6) 1
177	5.0 - 9.0% of mass 176	4.2 (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
9B-SG-2DL	Q3626-04DL	VL043250.D	11/19/2025	21:33
10-SG-1DL	Q3626-05DL	VL043251.D	11/19/2025	22:07
12-SG-2DL	Q3626-08DL	VL043252.D	11/19/2025	22:39
15-SG-1DL	Q3626-11DL	VL043253.D	11/19/2025	23:12
16-SG-1DL2	Q3626-12DL2	VL043254.D	11/20/2025	07:35