

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: NOBI03
Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG NO.: Q1984
Lab File ID: VY022252.D BFB Injection Date: 05/15/2025
Instrument ID: MSVOA_Y BFB Injection Time: 07:52
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24
75	30.0 - 60.0% of mass 95	55.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	80.5
175	5.0 - 9.0% of mass 174	5.9 (7.3) 1
176	95.0 - 101.0% of mass 174	77.5 (96.3) 1
177	5.0 - 9.0% of mass 176	5.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY022253.D	05/15/2025	09:46
VSTDIC010	VSTDIC010	VY022254.D	05/15/2025	10:16
VSTDIC020	VSTDIC020	VY022255.D	05/15/2025	10:39
VSTDIC050	VSTDIC050	VY022256.D	05/15/2025	11:02
VSTDIC100	VSTDIC100	VY022257.D	05/15/2025	11:24
VSTDIC150	VSTDIC150	VY022258.D	05/15/2025	11:47
VY0515SBL01	VY0515SBL01	VY022261.D	05/15/2025	13:44
VY0515SBS01	VY0515SBS01	VY022262.D	05/15/2025	14:07
VY0515SBS01	VY0515SBS01	VY022263.D	05/15/2025	14:29
OU4-PCS-TC-33-050725	Q1984-01	VY022264.D	05/15/2025	15:12
OU4-PCS-TC-34-050725	Q1984-03	VY022265.D	05/15/2025	15:35
OU4-PCS-TC-35-050725	Q1984-05	VY022266.D	05/15/2025	15:59
OU4-TS-24-050725	Q1984-07	VY022267.D	05/15/2025	16:22
OU4-TS-28-050725	Q1984-15	VY022271.D	05/15/2025	17:56
VSTDCCC050EC	VSTDCCC050	VY022275.D	05/15/2025	19:52