

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: Q1942 SAS No.: Q1942 SDG NO.: Q1942
Lab File ID: VN086477.D BFB Injection Date: 05/05/2025
Instrument ID: MSVOA_N BFB Injection Time: 10:23
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	70.3 (95) 1
177	5.0 - 9.0% of mass 176	4.8 (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
VSTDCCC050	VSTDCCC050	VN086478.D	05/05/2025	11:32
VN0505WBL01	VN0505WBL01	VN086480.D	05/05/2025	12:38
VN0505WBS01	VN0505WBS01	VN086481.D	05/05/2025	13:02
VN0505WBSD01	VN0505WBSD01	VN086482.D	05/05/2025	13:36
STORAGE-BLANK-SOIL-REF-6	Q1942-01	VN086484.D	05/05/2025	14:24
STORAGE-BLANK-WATER-REF-5	Q1942-02	VN086485.D	05/05/2025	14:48
STORAGE-BLANK-WATER-REF-4	Q1942-03	VN086486.D	05/05/2025	15:12
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q1942-04	VN086487.D	05/05/2025	15:36