

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ROYF02
Lab Code: CHEM Case No.: Q1421 SAS No.: Q1421 SDG NO.: Q1421
Lab File ID: VY021345.D BFB Injection Date: 02/27/2025
Instrument ID: MSVOA_Y BFB Injection Time: 09:41
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	21.8
75	30.0 - 60.0% of mass 95	54.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	83.3
175	5.0 - 9.0% of mass 174	6.5 (7.8) 1
176	95.0 - 101.0% of mass 174	80.4 (96.4) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 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	VY021346.D	02/27/2025	10:13
VY0227SBL01	VY0227SBL01	VY021347.D	02/27/2025	10:42
VY0227SBS01	VY0227SBS01	VY021348.D	02/27/2025	11:18
P001-CLAY-CF01-02	Q1421-07	VY021359.D	02/27/2025	15:35
P001-CLAY-CF01-01	Q1421-01	VY021360.D	02/27/2025	15:58
P001-CLAY-CF01-01MS	Q1421-02MS	VY021371.D	02/27/2025	20:15
P001-CLAY-CF01-01MSD	Q1421-03MSD	VY021372.D	02/27/2025	20:38