

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
 DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH  
 Lab Code: CHEM  
 Lab File ID: BM050111.D  
 Instrument ID: BNA\_M

Contract: SAXT01  
 SAS No.: Q1938      SDG NO.: Q1938  
 DFTPP Injection Date: 05/06/2025  
 DFTPP Injection Time: 09:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24
68	Less than 2.0% of mass 69	0.4 ( 1.5 ) 1
69	Mass 69 relative abundance	28.3
70	Less than 2.0% of mass 69	0.2 ( 0.6 ) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.9
443	15.0 - 24.0% of mass 442	15.2 ( 19.6 ) 2

1-Value is % mass 69

2-Value is % mass 442

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
SSTDCCC040	SSTDCCC040	BM050112.D	05/06/2025	10:03
PB167857BL	PB167857BL	BM050113.D	05/06/2025	10:42
PB167857BS	PB167857BS	BM050114.D	05/06/2025	11:21
LOWER-WALL-PILE-C	Q1938-05	BM050115.D	05/06/2025	12:04
LOWER-WALL-PILE-D	Q1938-07	BM050116.D	05/06/2025	12:44
LOWER-WALL-PILE-B	Q1938-03	BM050120.D	05/06/2025	15:20