

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BN037775.D  
Instrument ID: BNA\_N

Contract: AECO15  
SDG NO.: Q3097  
DFTPP Injection Date: 09/18/2025  
DFTPP Injection Time: 13:53

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 85.6                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 16.2 (18.9) 2        |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.  | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|--------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4         | SSTDCCC0.4       | BN037776.D     | 09/18/2025       | 14:32            |
| PB169693BL         | PB169693BL       | BN037777.D     | 09/18/2025       | 15:10            |
| RE108D1-20250911   | Q3097-09         | BN037778.D     | 09/18/2025       | 15:47            |
| RE125D1-20250911   | Q3097-04         | BN037779.D     | 09/18/2025       | 16:23            |
| RE125D3-20250911   | Q3097-05         | BN037780.D     | 09/18/2025       | 17:00            |
| RE103D3-20250911   | Q3097-06         | BN037781.D     | 09/18/2025       | 17:36            |
| RE125D2-20250911DL | Q3097-08DL       | BN037790.D     | 09/18/2025       | 23:03            |
| PB169693BS         | PB169693BS       | BN037792.D     | 09/19/2025       | 00:16            |
| SSTDCCC0.4EC       | SSTDCCC0.4       | BN037793.D     | 09/19/2025       | 00:52            |