

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BN037723.D  
Instrument ID: BNA\_N

Contract: ARCA06  
SDG NO.: Q3084  
DFTPP Injection Date: 09/16/2025  
DFTPP Injection Time: 08:52

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 36.4                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 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            | 6.5                  |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 13.6                 |
| 442 | Greater than 50% of mass 198       | 83                   |
| 443 | 15.0 - 24.0% of mass 442           | 17.3 ( 20.9 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020381        | SSTDCCC020       | BN037724.D     | 09/16/2025       | 09:32            |
| PB169690BL        | PB169690BL       | BN037731.D     | 09/16/2025       | 14:09            |
| PB169690BS        | PB169690BS       | BN037732.D     | 09/16/2025       | 14:48            |
| PMW-3 (20250910)  | Q3084-07         | BN037733.D     | 09/16/2025       | 15:27            |
| PMW-7S (20250910) | Q3084-08         | BN037734.D     | 09/16/2025       | 16:07            |
| PMW-7D (20250910) | Q3084-09         | BN037735.D     | 09/16/2025       | 16:46            |
| DUP (20250910)    | Q3084-10         | BN037736.D     | 09/16/2025       | 17:26            |
| PMW-10 (20250910) | Q3084-11         | BN037737.D     | 09/16/2025       | 18:05            |
| SSTD020382        | SSTDCCC020EC     | BN037738.D     | 09/16/2025       | 18:44            |