

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143983.D  
Instrument ID: BNA\_F

Contract: CORE02  
SDG NO.: Q3349  
DFTPP Injection Date: 10/17/2025  
DFTPP Injection Time: 14:14

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.3 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 18.4                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.1                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 3.8                  |
| 365 | Greater than 1% of mass 198        | 2.8                  |
| 441 | Present, but less than mass 443    | 15.9                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.3 ( 19.3 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF143984.D     | 10/17/2025       | 14:43            |
| PB170149BL        | PB170149BL       | BF143985.D     | 10/17/2025       | 15:11            |
| PB170149BS        | PB170149BS       | BF143986.D     | 10/17/2025       | 15:40            |
| PB170116TB        | PB170116TB       | BF143987.D     | 10/17/2025       | 16:09            |
| TP-3MS            | Q3352-04MS       | BF143989.D     | 10/17/2025       | 17:16            |
| TP-3MSD           | Q3352-04MSD      | BF143990.D     | 10/17/2025       | 17:45            |
| PURS Station      | Q3349-01         | BF143992.D     | 10/17/2025       | 18:43            |