

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064568.D  
Instrument ID: BNA\_G

Contract: ROYF02  
SDG NO.: Q3447  
DFTPP Injection Date: 10/24/2025  
DFTPP Injection Time: 08:20

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.2 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7.2                  |
| 365 | Greater than 1% of mass 198        | 5.1                  |
| 441 | Present, but less than mass 443    | 15.1                 |
| 442 | Greater than 50% of mass 198       | 92.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.5 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BG064569.D     | 10/24/2025       | 09:00            |
| SSTDICC005        | SSTDICC005       | BG064570.D     | 10/24/2025       | 09:41            |
| SSTDICC010        | SSTDICC010       | BG064571.D     | 10/24/2025       | 11:02            |
| SSTDICC020        | SSTDICC020       | BG064572.D     | 10/24/2025       | 12:23            |
| SSTDICCC040       | SSTDICCC040      | BG064573.D     | 10/24/2025       | 13:03            |
| SSTDICC060        | SSTDICC060       | BG064574.D     | 10/24/2025       | 13:44            |
| SSTDICC080        | SSTDICC080       | BG064575.D     | 10/24/2025       | 14:24            |
| SSTDICC050        | SSTDICC050       | BG064576.D     | 10/24/2025       | 15:32            |