

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BM050376.D  
Instrument ID: BNA\_M

Contract: TAC001  
SDG NO.: Q2600  
DFTPP Injection Date: 07/08/2025  
DFTPP Injection Time: 11:59

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 33.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 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            | 6.7                  |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 10.5                 |
| 442 | Greater than 50% of mass 198       | 66.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 12.9 ( 19.4 ) 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       | BM050377.D     | 07/08/2025       | 12:39            |
| SSTDICC005        | SSTDICC005       | BM050378.D     | 07/08/2025       | 13:19            |
| SSTDICC010        | SSTDICC010       | BM050379.D     | 07/08/2025       | 14:00            |
| SSTDICC020        | SSTDICC020       | BM050380.D     | 07/08/2025       | 14:40            |
| SSTDICCC040       | SSTDICCC040      | BM050381.D     | 07/08/2025       | 15:20            |
| SSTDICC050        | SSTDICC050       | BM050382.D     | 07/08/2025       | 16:01            |
| SSTDICC060        | SSTDICC060       | BM050383.D     | 07/08/2025       | 16:41            |
| SSTDICC080        | SSTDICC080       | BM050384.D     | 07/08/2025       | 17:22            |