

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP026027.D  
Instrument ID: BNA\_P

Contract: HDRI08  
SDG NO.: Q3466  
DFTPP Injection Date: 10/29/2025  
DFTPP Injection Time: 08:45

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 32.9                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 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            | 6.6                  |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 11.5                 |
| 442 | Greater than 50% of mass 198       | 75                   |
| 443 | 15.0 - 24.0% of mass 442           | 14.4 ( 19.2 ) 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       | BP026028.D     | 10/29/2025       | 09:26            |
| SSTDICC005        | SSTDICC005       | BP026029.D     | 10/29/2025       | 10:07            |
| SSTDICC010        | SSTDICC010       | BP026030.D     | 10/29/2025       | 10:48            |
| SSTDICC020        | SSTDICC020       | BP026031.D     | 10/29/2025       | 11:29            |
| SSTDICCC040       | SSTDICCC040      | BP026032.D     | 10/29/2025       | 12:10            |
| SSTDICC050        | SSTDICC050       | BP026033.D     | 10/29/2025       | 12:51            |
| SSTDICC060        | SSTDICC060       | BP026034.D     | 10/29/2025       | 13:32            |
| SSTDICC080        | SSTDICC080       | BP026035.D     | 10/29/2025       | 14:13            |