

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: ROYF02

Lab Code: CHEM

SAS No.: Q1421

SDG NO.: Q1421

Lab File ID: BF141792.D

DFTPP Injection Date: 02/27/2025

Instrument ID: BNA\_F

DFTPP Injection Time: 14:47

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 34.9                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 34.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.5                 |
| 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            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 27.6                 |
| 365 | Greater than 1% of mass 198        | 3.7                  |
| 441 | Present, but less than mass 443    | 14.6                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 18.1 (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       | BF141793.D     | 02/27/2025       | 15:17            |
| SSTDICC005        | SSTDICC005       | BF141794.D     | 02/27/2025       | 15:46            |
| SSTDICC010        | SSTDICC010       | BF141795.D     | 02/27/2025       | 16:16            |
| SSTDICC020        | SSTDICC020       | BF141796.D     | 02/27/2025       | 16:46            |
| SSTDICCC040       | SSTDICCC040      | BF141797.D     | 02/27/2025       | 17:16            |
| SSTDICC050        | SSTDICC050       | BF141798.D     | 02/27/2025       | 17:46            |
| SSTDICC060        | SSTDICC060       | BF141799.D     | 02/27/2025       | 18:15            |
| SSTDICC080        | SSTDICC080       | BF141800.D     | 02/27/2025       | 18:45            |