

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: Q2202

SDG NO.: Q2202

Lab File ID: BF142465.D

DFTPP Injection Date: 05/20/2025

Instrument ID: BNA\_F

DFTPP Injection Time: 11:13

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 27.4                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 24.7                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 33.5                 |
| 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            | 4.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 22.3                 |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 14.9                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19 ( 19 ) 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       | BF142467.D     | 05/20/2025       | 12:10            |
| SSTDICC005        | SSTDICC005       | BF142468.D     | 05/20/2025       | 12:38            |
| SSTDICC010        | SSTDICC010       | BF142469.D     | 05/20/2025       | 13:07            |
| SSTDICC020        | SSTDICC020       | BF142470.D     | 05/20/2025       | 13:36            |
| SSTDICCC040       | SSTDICCC040      | BF142471.D     | 05/20/2025       | 14:05            |
| SSTDICC050        | SSTDICC050       | BF142472.D     | 05/20/2025       | 14:34            |
| SSTDICC060        | SSTDICC060       | BF142473.D     | 05/20/2025       | 15:03            |
| SSTDICC080        | SSTDICC080       | BF142474.D     | 05/20/2025       | 15:31            |