

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BP024159.D

DFTPP Injection Date: 03/12/2025

Instrument ID: BNA\_P

DFTPP Injection Time: 15:36

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 28.5                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 33.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 46.1                 |
| 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            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 27.5                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 14.7                 |
| 442 | Greater than 50% of mass 198       | 100.0                |
| 443 | 15.0 - 24.0% of mass 442           | 18.4 (19.5) 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       | BP024160.D     | 03/12/2025       | 16:17            |
| SSTDICC005        | SSTDICC005       | BP024161.D     | 03/12/2025       | 16:57            |
| SSTDICC010        | SSTDICC010       | BP024162.D     | 03/12/2025       | 17:38            |
| SSTDICC020        | SSTDICC020       | BP024163.D     | 03/12/2025       | 18:19            |
| SSTDICCC040       | SSTDICCC040      | BP024164.D     | 03/12/2025       | 19:00            |
| SSTDICC050        | SSTDICC050       | BP024165.D     | 03/12/2025       | 19:41            |
| SSTDICC060        | SSTDICC060       | BP024166.D     | 03/12/2025       | 20:21            |
| SSTDICC080        | SSTDICC080       | BP024167.D     | 03/12/2025       | 21:02            |