

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM

SAS No.: P4103 SDG NO.: P4103

Lab File ID: BF139344.D

DFTPP Injection Date: 09/13/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 14:04

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 51.4                 |
| 68  | Less than 2.0% of mass 69          | 0.8 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 43.9                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 50.8                 |
| 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            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 27.8                 |
| 365 | Greater than 1% of mass 198        | 3.7                  |
| 441 | Present, but less than mass 443    | 12.9                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 16.5 (20.2) 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       | BF139345.D     | 09/13/2024       | 14:32            |
| SSTDICC005        | SSTDICC005       | BF139346.D     | 09/13/2024       | 15:00            |
| SSTDICC010        | SSTDICC010       | BF139347.D     | 09/13/2024       | 15:28            |
| SSTDICC020        | SSTDICC020       | BF139348.D     | 09/13/2024       | 15:57            |
| SSTDICCC040       | SSTDICCC040      | BF139349.D     | 09/13/2024       | 16:53            |
| SSTDICC050        | SSTDICC050       | BF139350.D     | 09/13/2024       | 17:51            |
| SSTDICC060        | SSTDICC060       | BF139351.D     | 09/13/2024       | 18:48            |
| SSTDICC080        | SSTDICC080       | BF139352.D     | 09/13/2024       | 19:44            |