

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: TULL02

Lab Code: CHEM

SAS No.: Q1698

SDG NO.: Q1698

Lab File ID: BM049705.D

DFTPP Injection Date: 03/13/2025

Instrument ID: BNA\_M

DFTPP Injection Time: 08:24

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.2                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 35.3                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 40.9                 |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 24.7                 |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 10.2                 |
| 442 | Greater than 50% of mass 198       | 63.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 12.4 ( 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       | BM049706.D     | 03/13/2025       | 09:02            |
| SSTDICC005        | SSTDICC005       | BM049707.D     | 03/13/2025       | 09:42            |
| SSTDICC010        | SSTDICC010       | BM049708.D     | 03/13/2025       | 10:21            |
| SSTDICC020        | SSTDICC020       | BM049709.D     | 03/13/2025       | 11:00            |
| SSTDICCC040       | SSTDICCC040      | BM049710.D     | 03/13/2025       | 11:39            |
| SSTDICC050        | SSTDICC050       | BM049711.D     | 03/13/2025       | 12:19            |
| SSTDICC060        | SSTDICC060       | BM049712.D     | 03/13/2025       | 12:58            |
| SSTDICC080        | SSTDICC080       | BM049713.D     | 03/13/2025       | 13:37            |