

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: BF141896.D

DFTPP Injection Date: 03/10/2025

Instrument ID: BNA\_F

DFTPP Injection Time: 10:31

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 29.1                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 32.0                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 44.8                 |
| 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            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 31.2                 |
| 365 | Greater than 1% of mass 198        | 4.2                  |
| 441 | Present, but less than mass 443    | 19.9                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.2 ( 19.2 ) 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       | BF141897.D     | 03/10/2025       | 11:01            |
| SSTDICC005        | SSTDICC005       | BF141898.D     | 03/10/2025       | 11:30            |
| SSTDICC010        | SSTDICC010       | BF141899.D     | 03/10/2025       | 12:00            |
| SSTDICC020        | SSTDICC020       | BF141900.D     | 03/10/2025       | 12:29            |
| SSTDICCC040       | SSTDICCC040      | BF141901.D     | 03/10/2025       | 12:58            |
| SSTDICC060        | SSTDICC060       | BF141903.D     | 03/10/2025       | 13:57            |
| SSTDICC080        | SSTDICC080       | BF141904.D     | 03/10/2025       | 14:27            |
| SSTDICC050        | SSTDICC050       | BF141905.D     | 03/10/2025       | 15:20            |