

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: P5270 SDG NO.: P5270

Lab File ID: BF140526.D

DFTPP Injection Date: 11/21/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 10:17

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 33.3                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 35.5                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 48                   |
| 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            | 6.8                  |
| 275 | 10.0 - 60.0% of mass 198           | 29.2                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 15.7                 |
| 442 | Greater than 50% of mass 198       | 99.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 18.1 ( 18.1 ) 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       | BF140528.D     | 11/21/2024       | 11:13            |
| SSTDICC005        | SSTDICC005       | BF140529.D     | 11/21/2024       | 11:39            |
| SSTDICC010        | SSTDICC010       | BF140530.D     | 11/21/2024       | 12:05            |
| SSTDICC020        | SSTDICC020       | BF140531.D     | 11/21/2024       | 12:32            |
| SSTDICCC040       | SSTDICCC040      | BF140532.D     | 11/21/2024       | 12:58            |
| SSTDICC050        | SSTDICC050       | BF140533.D     | 11/21/2024       | 13:25            |
| SSTDICC060        | SSTDICC060       | BF140534.D     | 11/21/2024       | 13:51            |
| SSTDICC080        | SSTDICC080       | BF140535.D     | 11/21/2024       | 14:18            |