

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q2073

SDG NO.: Q2073

Lab File ID: BN036998.D

DFTPP Injection Date: 05/13/2025

Instrument ID: BNA\_N

DFTPP Injection Time: 17:02

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 62.8                 |
| 68  | Less than 2.0% of mass 69          | 0.8 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 55.6                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 52.7                 |
| 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            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 23.8                 |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 8.7                  |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 10.4 ( 19 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC0.1        | SSTDICC0.1       | BN036999.D     | 05/13/2025       | 17:41            |
| SSTDICC0.2        | SSTDICC0.2       | BN037000.D     | 05/13/2025       | 18:17            |
| SSTDICCC0.4       | SSTDICCC0.4      | BN037001.D     | 05/13/2025       | 18:53            |
| SSTDICC0.8        | SSTDICC0.8       | BN037002.D     | 05/13/2025       | 19:29            |
| SSTDICC1.6        | SSTDICC1.6       | BN037003.D     | 05/13/2025       | 20:05            |
| SSTDICC3.2        | SSTDICC3.2       | BN037004.D     | 05/13/2025       | 20:41            |
| SSTDICC5.0        | SSTDICC5.0       | BN037005.D     | 05/13/2025       | 21:17            |