

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: ALLI03

Lab Code: CHEM

SAS No.: Q1872 SDG NO.: Q1872

Lab File ID: BM050139.D

DFTPP Injection Date: 05/08/2025

Instrument ID: BNA\_M

DFTPP Injection Time: 09:59

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 21.7                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 25.8                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 33.5                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 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           | 27.3                 |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 13.6                 |
| 442 | Greater than 50% of mass 198       | 85.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 16.8 ( 19.5 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BM050140.D     | 05/08/2025       | 10:41            |
| MH-LLMS           | Q1964-01MS       | BM050146.D     | 05/08/2025       | 14:42            |
| MH-LLMSD          | Q1964-01MSD      | BM050147.D     | 05/08/2025       | 15:21            |