

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM

SAS No.: P5362 SDG NO.: P5362

Lab File ID: BF140993.D

DFTPP Injection Date: 12/27/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 13:33

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 39.9                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 37.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 49                   |
| 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            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 27.3                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 13.2                 |
| 442 | Greater than 50% of mass 198       | 84.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 16.2 ( 19.1 ) 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 |
|---------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040          | SSTDCCC040       | BF140994.D     | 12/27/2024       | 13:59            |
| WC-SOIL-20241219    | P5362-01         | BF141001.D     | 12/27/2024       | 17:21            |
| WC-SOIL-20241219MS  | P5362-01MS       | BF141002.D     | 12/27/2024       | 17:46            |
| WC-SOIL-20241219MSD | P5362-01MSD      | BF141003.D     | 12/27/2024       | 18:13            |