

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: AECO15

Lab Code: CHEM

SAS No.: Q1531

SDG NO.: Q1531

Lab File ID: BN036556.D

DFTPP Injection Date: 03/10/2025

Instrument ID: BNA\_N

DFTPP Injection Time: 11:03

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 58.6                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 52.3                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.7 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 50.7                 |
| 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           | 24.8                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 9.3                  |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 10.9 (19.6) 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       | BN036557.D     | 03/10/2025       | 11:42            |
| SSTDICC0.2        | SSTDICC0.2       | BN036558.D     | 03/10/2025       | 12:18            |
| SSTDICCC0.4       | SSTDICCC0.4      | BN036559.D     | 03/10/2025       | 12:54            |
| SSTDICC0.8        | SSTDICC0.8       | BN036560.D     | 03/10/2025       | 13:31            |
| SSTDICC1.6        | SSTDICC1.6       | BN036561.D     | 03/10/2025       | 14:07            |
| SSTDICC3.2        | SSTDICC3.2       | BN036562.D     | 03/10/2025       | 14:43            |
| SSTDICC5.0        | SSTDICC5.0       | BN036563.D     | 03/10/2025       | 15:19            |
| PB167057BL        | PB167057BL       | BN036565.D     | 03/10/2025       | 17:14            |
| RE122D1-20250305  | Q1531-03         | BN036566.D     | 03/10/2025       | 17:50            |
| RE126D1-20250306  | Q1531-04         | BN036567.D     | 03/10/2025       | 18:26            |
| RE126D2-20250306  | Q1531-05         | BN036568.D     | 03/10/2025       | 19:02            |
| DUP01-20250306    | Q1531-06         | BN036569.D     | 03/10/2025       | 19:38            |
| RE108D1-20250306  | Q1531-13         | BN036570.D     | 03/10/2025       | 20:14            |
| RE105D1-20250306  | Q1531-14         | BN036571.D     | 03/10/2025       | 20:50            |
| SSTDCCC0.4EC      | SSTDCCC0.4       | BN036572.D     | 03/10/2025       | 21:26            |