

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064381.D  
Instrument ID: BNA\_G

Contract: ARCA06  
SDG NO.: Q3084  
DFTPP Injection Date: 09/16/2025  
DFTPP Injection Time: 11:55

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 34.6                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 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            | 7.6                  |
| 365 | Greater than 1% of mass 198        | 6.3                  |
| 441 | Present, but less than mass 443    | 7.8                  |
| 442 | Greater than 50% of mass 198       | 93.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 18 ( 19.3 ) 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 |
|------------------------|------------------|----------------|------------------|------------------|
| SSTD020451             | SSTDCCC020       | BG064382.D     | 09/16/2025       | 12:36            |
| PB169689BL             | PB169689BL       | BG064383.D     | 09/16/2025       | 13:16            |
| PB169689BS             | PB169689BS       | BG064384.D     | 09/16/2025       | 13:57            |
| PMW-9S (20250909)      | Q3084-01         | BG064385.D     | 09/16/2025       | 14:43            |
| PMW-9D (20250909)      | Q3084-02         | BG064386.D     | 09/16/2025       | 15:23            |
| PMW-8D (20250909)      | Q3084-03         | BG064387.D     | 09/16/2025       | 16:04            |
| PMW-8S (20250909)      | Q3084-04         | BG064388.D     | 09/16/2025       | 16:45            |
| FB (20250909)          | Q3084-05         | BG064389.D     | 09/16/2025       | 17:26            |
| PMW-6 (20250910)       | Q3084-06         | BG064390.D     | 09/16/2025       | 18:07            |
| FB (20250910)          | Q3084-12         | BG064391.D     | 09/16/2025       | 18:48            |
| PB169710BS             | PB169710BS       | BG064393.D     | 09/16/2025       | 20:09            |
| SSTD020452             | SSTDCCC020       | BG064394.D     | 09/16/2025       | 21:31            |
| PB169710BL             | PB169710BL       | BG064395.D     | 09/16/2025       | 22:12            |
| PB169711BL             | PB169711BL       | BG064396.D     | 09/16/2025       | 22:53            |
| PMW-4 (20250911)       | Q3084-13         | BG064397.D     | 09/16/2025       | 23:34            |
| MW-1 (MCUA) (20250911) | Q3084-14         | BG064398.D     | 09/17/2025       | 00:15            |
| MW-2 (MCUA) (20250911) | Q3084-15         | BG064399.D     | 09/17/2025       | 00:56            |
| PMW-1 (20250911)       | Q3084-16         | BG064400.D     | 09/17/2025       | 01:37            |

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| 443 | 15.0 - 24.0% of mass 442           | 18 ( 19.3 ) 2        |

1-Value is % mass 69

2-Value is % mass 442

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| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|---------------------|------------------|----------------|------------------|------------------|
| PMW-5 (20250911)    | Q3084-17         | BG064401.D     | 09/17/2025       | 02:17            |
| PMW-2 (20250911)    | Q3084-18         | BG064402.D     | 09/17/2025       | 02:58            |
| PMW-2 (20250911)MS  | Q3084-19MS       | BG064403.D     | 09/17/2025       | 03:39            |
| PMW-2 (20250911)MSD | Q3084-20MSD      | BG064404.D     | 09/17/2025       | 04:20            |
| FB (20250911)       | Q3084-21         | BG064405.D     | 09/17/2025       | 05:00            |
| EB (20250911)       | Q3084-22         | BG064406.D     | 09/17/2025       | 05:41            |
| PB169711BS          | PB169711BS       | BG064407.D     | 09/17/2025       | 06:22            |
| SSTD020453          | SSTDCCC020EC     | BG064408.D     | 09/17/2025       | 07:03            |