

## Report of Analysis

Client: Tetra Tech NUS, Inc.  
Project: CTO WA194808 Dahlgren VA - DOD VELAP  
Client Sample ID: PB170839BSD  
Lab Sample ID: PB170839BSD  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL  
Prep Method : 3510C Prep Date: 12/05/25

Date Collected:  
Date Received:  
SDG No.: Q3776  
Matrix: Water  
% Solid: 0  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 28.5  |      | 1  | 3.90 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 108-95-2       | Phenol                      | 42.3  |      | 1  | 0.91 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 39.9  |      | 1  | 0.81 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 95-57-8        | 2-Chlorophenol              | 43.3  |      | 1  | 0.58 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 95-48-7        | 2-Methylphenol              | 42.7  |      | 1  | 1.10 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39.4  |      | 1  | 1.30 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 98-86-2        | Acetophenone                | 41.9  |      | 1  | 0.74 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 65794-96-9     | 3+4-Methylphenols           | 42.1  |      | 1  | 1.10 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 39.7  |      | 1  | 1.40 | 2.50 | 2.50       | ug/L  | 12/08/25 15:46 | PB170839     |
| 67-72-1        | Hexachloroethane            | 42.1  |      | 1  | 0.65 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 98-95-3        | Nitrobenzene                | 42.0  |      | 1  | 0.76 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 78-59-1        | Isophorone                  | 41.4  |      | 1  | 0.75 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 88-75-5        | 2-Nitrophenol               | 45.0  |      | 1  | 1.80 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 105-67-9       | 2,4-Dimethylphenol          | 44.2  |      | 1  | 1.90 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 40.6  |      | 1  | 0.68 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 120-83-2       | 2,4-Dichlorophenol          | 45.5  |      | 1  | 0.52 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 91-20-3        | Naphthalene                 | 41.7  |      | 1  | 0.50 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 106-47-8       | 4-Chloroaniline             | 21.7  |      | 1  | 0.84 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 87-68-3        | Hexachlorobutadiene         | 44.2  |      | 1  | 0.54 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 105-60-2       | Caprolactam                 | 43.4  |      | 1  | 1.10 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44.6  |      | 1  | 0.59 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 91-57-6        | 2-Methylnaphthalene         | 38.5  |      | 1  | 0.56 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 77-47-4        | Hexachlorocyclopentadiene   | 87.9  | E    | 1  | 3.60 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 45.6  |      | 1  | 0.51 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 45.9  |      | 1  | 0.62 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 92-52-4        | 1,1-Biphenyl                | 43.1  |      | 1  | 0.53 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 91-58-7        | 2-Chloronaphthalene         | 42.3  |      | 1  | 0.61 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 88-74-4        | 2-Nitroaniline              | 45.1  |      | 1  | 1.30 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 131-11-3       | Dimethylphthalate           | 44.1  |      | 1  | 0.61 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 208-96-8       | Acenaphthylene              | 44.2  |      | 1  | 0.75 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 606-20-2       | 2,6-Dinitrotoluene          | 49.0  |      | 1  | 0.92 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 99-09-2        | 3-Nitroaniline              | 26.1  |      | 1  | 1.10 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 83-32-9        | Acenaphthene                | 41.5  |      | 1  | 0.55 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 51-28-5        | 2,4-Dinitrophenol           | 90.5  | E    | 1  | 6.00 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 100-02-7       | 4-Nitrophenol               | 85.9  | E    | 1  | 2.40 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 132-64-9       | Dibenzofuran                | 43.8  |      | 1  | 0.61 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 121-14-2       | 2,4-Dinitrotoluene          | 47.1  |      | 1  | 1.20 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 84-66-2        | Diethylphthalate            | 44.0  |      | 1  | 0.69 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 44.1  |      | 1  | 0.68 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 86-73-7        | Fluorene                    | 43.9  |      | 1  | 0.63 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 100-01-6       | 4-Nitroaniline              | 39.7  |      | 1  | 1.50 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 48.0  |      | 1  | 2.90 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |

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Sample Wt/Vol: 1000 mL Final Vol: 1000 uL  
Prep Method : 3510C Prep Date: 12/05/25

Date Collected:  
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SDG No.: Q3776  
Matrix: Water  
% Solid: 0  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 44.5  |      | 1  | 0.58 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 44.7  |      | 1  | 0.40 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 118-74-1   | Hexachlorobenzene          | 45.9  |      | 1  | 0.52 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 1912-24-9  | Atrazine                   | 47.1  |      | 1  | 1.00 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 87-86-5    | Pentachlorophenol          | 93.1  | E    | 1  | 1.60 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 85-01-8    | Phenanthrene               | 44.5  |      | 1  | 0.50 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 120-12-7   | Anthracene                 | 44.2  |      | 1  | 0.61 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 86-74-8    | Carbazole                  | 45.1  |      | 1  | 0.72 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 84-74-2    | Di-n-butylphthalate        | 45.2  |      | 1  | 1.20 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 206-44-0   | Fluoranthene               | 44.1  |      | 1  | 0.82 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 129-00-0   | Pyrene                     | 43.8  |      | 1  | 0.50 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 85-68-7    | Butylbenzylphthalate       | 44.3  |      | 1  | 1.90 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 28.7  |      | 1  | 0.93 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 56-55-3    | Benzo(a)anthracene         | 43.3  |      | 1  | 0.45 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 218-01-9   | Chrysene                   | 43.4  |      | 1  | 0.44 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 43.5  |      | 1  | 1.60 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 117-84-0   | Di-n-octyl phthalate       | 43.3  |      | 1  | 2.30 | 8.00 | 10.0       | ug/L  | 12/08/25 15:46 | PB170839     |
| 205-99-2   | Benzo(b)fluoranthene       | 44.1  |      | 1  | 0.49 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 207-08-9   | Benzo(k)fluoranthene       | 46.0  |      | 1  | 0.48 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 50-32-8    | Benzo(a)pyrene             | 45.5  |      | 1  | 0.55 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 45.4  |      | 1  | 0.59 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 46.0  |      | 1  | 0.67 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 191-24-2   | Benzo(g,h,i)perylene       | 45.4  |      | 1  | 0.69 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 44.5  |      | 1  | 0.52 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 123-91-1   | 1,4-Dioxane                | 35.9  |      | 1  | 1.00 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 47.7  |      | 1  | 0.72 | 4.00 | 5.00       | ug/L  | 12/08/25 15:46 | PB170839     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 124  |  | 19 - 119 | 82% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 120  |  | 10 - 130 | 80% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 79.9 |  | 44 - 120 | 80% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 81.8 |  | 44 - 119 | 82% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 137  |  | 43 - 140 | 91% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 85.6 |  | 50 - 134 | 86% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |
|------------|------------------------|---------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 235000  |
| 1146-65-2  | Naphthalene-d8         | 918000  |
| 15067-26-2 | Acenaphthene-d10       | 585000  |
| 1517-22-2  | Phenanthrene-d10       | 1190000 |
| 1719-03-5  | Chrysene-d12           | 1320000 |
| 1520-96-3  | Perylene-d12           | 1530000 |

## Report of Analysis

|                    |                                      |                     |                 |                  |
|--------------------|--------------------------------------|---------------------|-----------------|------------------|
| Client:            | Tetra Tech NUS, Inc.                 |                     | Date Collected: |                  |
| Project:           | CTO WA194808 Dahlgren VA - DOD VELAP |                     | Date Received:  |                  |
| Client Sample ID:  | PB170839BSD                          |                     | SDG No.:        | Q3776            |
| Lab Sample ID:     | PB170839BSD                          |                     | Matrix:         | Water            |
| Analytical Method: | 8270E                                | Level: LOW          | % Solid:        | 0                |
| Sample Wt/Vol:     | 1000 mL                              | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | 3510C                                | Prep Date: 12/05/25 |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|-----|------------|-------|-----------|--------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products