

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024  
Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:10:01  
Lab File ID: BP020480.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| n-Nitrosodimethylamine      | 0.616 | 0.621  |         | 0.812   |       |
| Pyridine                    | 1.269 | 1.298  |         | 2.285   |       |
| 2-Fluorophenol              | 1.117 | 1.181  |         | 5.73    |       |
| Benzaldehyde                | 1.010 | 1.105  |         | 9.406   |       |
| Aniline                     | 1.596 | 1.415  |         | -11.341 |       |
| Phenol-d6                   | 1.575 | 1.465  |         | -6.984  |       |
| Phenol                      | 1.614 | 1.496  |         | -7.311  | 20.0  |
| bis(2-Chloroethyl) ether    | 1.331 | 1.214  |         | -8.79   |       |
| 2-Chlorophenol              | 1.252 | 1.195  |         | -4.553  |       |
| 1,2-Dichlorobenzene         | 1.447 | 1.397  |         | -3.455  |       |
| 1,3-Dichlorobenzene         | 1.475 | 1.479  |         | 0.271   |       |
| 1,4-Dichlorobenzene         | 1.499 | 1.496  |         | -0.2    | 20.0  |
| Benzyl Alcohol              | 1.164 | 0.993  |         | -14.691 |       |
| 2-Methylphenol              | 1.095 | 0.969  |         | -11.507 |       |
| 2,2-oxybis(1-Chloropropane) | 1.987 | 1.741  |         | -12.38  |       |
| Acetophenone                | 0.496 | 0.492  |         | -0.806  |       |
| 3+4-Methylphenols           | 1.489 | 1.278  |         | -14.171 |       |
| n-Nitroso-di-n-propylamine  | 1.075 | 0.863  | 0.050   | -19.721 |       |
| Nitrobenzene-d5             | 0.365 | 0.375  |         | 2.74    |       |
| Hexachloroethane            | 0.548 | 0.546  |         | -0.365  |       |
| Nitrobenzene                | 0.371 | 0.379  |         | 2.156   |       |
| Isophorone                  | 0.710 | 0.635  |         | -10.563 |       |
| 2-Nitrophenol               | 0.128 | 0.125  |         | -2.344  | 20.0  |
| 2,4-Dimethylphenol          | 0.214 | 0.207  |         | -3.271  |       |
| bis(2-Chloroethoxy) methane | 0.436 | 0.410  |         | -5.963  |       |
| 2,4-Dichlorophenol          | 0.288 | 0.285  |         | -1.042  | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.342 | 0.350  |         | 2.339   |       |
| Benzoic acid                | 0.181 | 0.153  |         | -15.47  |       |
| Naphthalene                 | 1.022 | 1.018  |         | -0.391  |       |
| 4-Chloroaniline             | 0.396 | 0.366  |         | -7.576  |       |
| Hexachlorobutadiene         | 0.215 | 0.228  |         | 6.047   | 20.0  |
| Caprolactam                 | 0.105 | 0.086  |         | -18.095 |       |
| 4-Chloro-3-methylphenol     | 0.337 | 0.296  |         | -12.166 | 20.0  |
| 2-Methylnaphthalene         | 0.733 | 0.667  |         | -9.004  |       |
| Hexachlorocyclopentadiene   | 0.203 | 0.224  | 0.050   | 10.345  |       |
| 2,4,6-Trichlorophenol       | 0.350 | 0.360  |         | 2.857   | 20.0  |
| 2-Fluorobiphenyl            | 1.342 | 1.402  |         | 4.471   |       |
| 2,4,5-Trichlorophenol       | 0.404 | 0.405  |         | 0.248   |       |
| 1,1-Biphenyl                | 1.411 | 1.450  |         | 2.764   |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024

Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:10:01

Lab File ID: BP020480.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|----------------------------|-------|--------|---------|---------|-------|
| 2-Chloronaphthalene        | 1.122 | 1.157  |         | 3.119   |       |
| 2-Nitroaniline             | 0.304 | 0.304  |         | 0.0     |       |
| Dimethylphthalate          | 1.410 | 1.318  |         | -6.525  |       |
| Acenaphthylene             | 1.665 | 1.677  |         | 0.721   |       |
| 2,6-Dinitrotoluene         | 0.301 | 0.290  |         | -3.654  |       |
| 3-Nitroaniline             | 0.302 | 0.298  |         | -1.325  |       |
| Acenaphthene               | 1.050 | 1.063  |         | 1.238   | 20.0  |
| 2,4-Dinitrophenol          | 0.104 | 0.087  | 0.050   | -16.346 |       |
| 4-Nitrophenol              | 0.234 | 0.241  | 0.050   | 2.991   |       |
| Dibenzofuran               | 1.664 | 1.645  |         | -1.142  |       |
| 2,4-Dinitrotoluene         | 0.396 | 0.384  |         | -3.03   |       |
| Diethylphthalate           | 1.433 | 1.351  |         | -5.722  |       |
| 4-Chlorophenyl-phenylether | 0.689 | 0.662  |         | -3.919  |       |
| Fluorene                   | 1.336 | 1.318  |         | -1.347  |       |
| 4-Nitroaniline             | 0.311 | 0.319  |         | 2.572   |       |
| 4,6-Dinitro-2-methylphenol | 0.078 | 0.068  |         | -12.821 |       |
| n-Nitrosodiphenylamine     | 0.550 | 0.545  |         | -0.909  | 20.0  |
| Azobenzene                 | 1.338 | 1.290  |         | -3.587  |       |
| 2,4,6-Tribromophenol       | 0.208 | 0.206  |         | -0.962  |       |
| 4-Bromophenyl-phenylether  | 0.205 | 0.198  |         | -3.415  |       |
| Hexachlorobenzene          | 0.241 | 0.236  |         | -2.075  |       |
| Atrazine                   | 0.193 | 0.191  |         | -1.036  |       |
| Pentachlorophenol          | 0.146 | 0.138  |         | -5.479  | 20.0  |
| Phenanthrene               | 0.983 | 0.987  |         | 0.407   |       |
| Anthracene                 | 0.965 | 0.980  |         | 1.554   |       |
| Carbazole                  | 0.933 | 0.988  |         | 5.895   |       |
| Di-n-butylphthalate        | 1.130 | 1.127  |         | -0.265  |       |
| Fluoranthene               | 1.163 | 1.248  |         | 7.309   | 20.0  |
| Benzidine                  | 0.610 | 0.551  |         | -9.672  |       |
| Pyrene                     | 1.504 | 1.296  |         | -13.83  |       |
| Terphenyl-d14              | 1.201 | 1.037  |         | -13.655 |       |
| Butylbenzylphthalate       | 0.549 | 0.487  |         | -11.293 |       |
| 3,3-Dichlorobenzidine      | 0.391 | 0.438  |         | 12.02   |       |
| Benzo(a)anthracene         | 1.317 | 1.310  |         | -0.532  |       |
| Chrysene                   | 1.241 | 1.236  |         | -0.403  |       |
| Bis(2-ethylhexyl)phthalate | 0.856 | 0.803  |         | -6.192  |       |
| Di-n-octyl phthalate       | 1.244 | 1.297  |         | 4.26    | 20.0  |
| Benzo(b)fluoranthene       | 1.246 | 1.177  |         | -5.538  |       |
| Benzo(k)fluoranthene       | 1.215 | 1.168  |         | -3.868  |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024

Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:10:01

Lab File ID: BP020480.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.032 | 1.041  |            | 0.872  | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.216 | 1.373  |            | 12.911 |       |
| Dibenzo(a,h)anthracene     | 1.014 | 1.137  |            | 12.13  |       |
| Benzo(g,h,i)perylene       | 1.014 | 1.159  |            | 14.3   |       |
| 1,2,4,5-Tetrachlorobenzene | 0.579 | 0.619  |            | 6.908  |       |
| 1,4-Dioxane                | 0.451 | 0.500  |            | 10.865 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.330 | 0.325  |            | -1.515 |       |
| 1-Methylnaphthalene        | 0.726 | 0.654  |            | -9.917 |       |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024

Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:14:46

Lab File ID: BP020485.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| n-Nitrosodimethylamine      | 0.616 | 0.598  |         | -2.922  | 50.0  |
| Pyridine                    | 1.269 | 1.267  |         | -0.158  | 50.0  |
| 2-Fluorophenol              | 1.117 | 1.144  |         | 2.417   | 50.0  |
| Benzaldehyde                | 1.010 | 1.101  |         | 9.01    | 50.0  |
| Aniline                     | 1.596 | 1.463  |         | -8.333  | 50.0  |
| Phenol-d6                   | 1.575 | 1.521  |         | -3.429  | 50.0  |
| Phenol                      | 1.614 | 1.557  |         | -3.532  | 50.0  |
| bis(2-Chloroethyl) ether    | 1.331 | 1.238  |         | -6.987  | 50.0  |
| 2-Chlorophenol              | 1.252 | 1.222  |         | -2.396  | 50.0  |
| 1,2-Dichlorobenzene         | 1.447 | 1.391  |         | -3.87   | 50.0  |
| 1,3-Dichlorobenzene         | 1.475 | 1.437  |         | -2.576  | 50.0  |
| 1,4-Dichlorobenzene         | 1.499 | 1.467  |         | -2.135  | 50.0  |
| Benzyl Alcohol              | 1.164 | 1.062  |         | -8.763  | 50.0  |
| 2-Methylphenol              | 1.095 | 1.006  |         | -8.128  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 1.987 | 1.747  |         | -12.079 | 50.0  |
| Acetophenone                | 0.496 | 0.491  |         | -1.008  | 50.0  |
| 3+4-Methylphenols           | 1.489 | 1.375  |         | -7.656  | 50.0  |
| n-Nitroso-di-n-propylamine  | 1.075 | 0.910  | 0.050   | -15.349 | 50.0  |
| Nitrobenzene-d5             | 0.365 | 0.374  |         | 2.466   | 50.0  |
| Hexachloroethane            | 0.548 | 0.530  |         | -3.285  | 50.0  |
| Nitrobenzene                | 0.371 | 0.375  |         | 1.078   | 50.0  |
| Isophorone                  | 0.710 | 0.662  |         | -6.761  | 50.0  |
| 2-Nitrophenol               | 0.128 | 0.145  |         | 13.281  | 50.0  |
| 2,4-Dimethylphenol          | 0.214 | 0.222  |         | 3.738   | 50.0  |
| bis(2-Chloroethoxy) methane | 0.436 | 0.422  |         | -3.211  | 50.0  |
| 2,4-Dichlorophenol          | 0.288 | 0.294  |         | 2.083   | 50.0  |
| 1,2,4-Trichlorobenzene      | 0.342 | 0.348  |         | 1.754   | 50.0  |
| Benzoic acid                | 0.181 | 0.181  |         | 0.0     | 50.0  |
| Naphthalene                 | 1.022 | 1.019  |         | -0.294  | 50.0  |
| 4-Chloroaniline             | 0.396 | 0.364  |         | -8.081  | 50.0  |
| Hexachlorobutadiene         | 0.215 | 0.222  |         | 3.256   | 50.0  |
| Caprolactam                 | 0.105 | 0.086  |         | -18.095 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.337 | 0.306  |         | -9.199  | 50.0  |
| 2-Methylnaphthalene         | 0.733 | 0.678  |         | -7.503  | 50.0  |
| Hexachlorocyclopentadiene   | 0.203 | 0.236  | 0.050   | 16.256  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.350 | 0.390  |         | 11.429  | 50.0  |
| 2-Fluorobiphenyl            | 1.342 | 1.405  |         | 4.694   | 50.0  |
| 2,4,5-Trichlorophenol       | 0.404 | 0.427  |         | 5.693   | 50.0  |
| 1,1-Biphenyl                | 1.411 | 1.463  |         | 3.685   | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024  
Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:14:46  
Lab File ID: BP020485.D Init. Calib. Date(s): \_\_\_\_\_  
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_  
GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|----------------------------|-------|--------|------------|---------|-------|
| 2-Chloronaphthalene        | 1.122 | 1.177  |            | 4.902   | 50.0  |
| 2-Nitroaniline             | 0.304 | 0.310  |            | 1.974   | 50.0  |
| Dimethylphthalate          | 1.410 | 1.312  |            | -6.95   | 50.0  |
| Acenaphthylene             | 1.665 | 1.690  |            | 1.502   | 50.0  |
| 2,6-Dinitrotoluene         | 0.301 | 0.293  |            | -2.658  | 50.0  |
| 3-Nitroaniline             | 0.302 | 0.283  |            | -6.291  | 50.0  |
| Acenaphthene               | 1.050 | 1.053  |            | 0.286   | 50.0  |
| 2,4-Dinitrophenol          | 0.104 | 0.091  | 0.050      | -12.5   | 50.0  |
| 4-Nitrophenol              | 0.234 | 0.211  | 0.050      | -9.829  | 50.0  |
| Dibenzofuran               | 1.664 | 1.629  |            | -2.103  | 50.0  |
| 2,4-Dinitrotoluene         | 0.396 | 0.367  |            | -7.323  | 50.0  |
| Diethylphthalate           | 1.433 | 1.288  |            | -10.119 | 50.0  |
| 4-Chlorophenyl-phenylether | 0.689 | 0.648  |            | -5.951  | 50.0  |
| Fluorene                   | 1.336 | 1.239  |            | -7.26   | 50.0  |
| 4-Nitroaniline             | 0.311 | 0.273  |            | -12.219 | 50.0  |
| 4,6-Dinitro-2-methylphenol | 0.078 | 0.077  |            | -1.282  | 50.0  |
| n-Nitrosodiphenylamine     | 0.550 | 0.610  |            | 10.909  | 50.0  |
| Azobenzene                 | 1.338 | 1.199  |            | -10.389 | 50.0  |
| 2,4,6-Tribromophenol       | 0.208 | 0.199  |            | -4.327  | 50.0  |
| 4-Bromophenyl-phenylether  | 0.205 | 0.217  |            | 5.854   | 50.0  |
| Hexachlorobenzene          | 0.241 | 0.251  |            | 4.149   | 50.0  |
| Atrazine                   | 0.193 | 0.185  |            | -4.145  | 50.0  |
| Pentachlorophenol          | 0.146 | 0.147  |            | 0.685   | 50.0  |
| Phenanthrene               | 0.983 | 0.993  |            | 1.017   | 50.0  |
| Anthracene                 | 0.965 | 0.960  |            | -0.518  | 50.0  |
| Carbazole                  | 0.933 | 0.899  |            | -3.644  | 50.0  |
| Di-n-butylphthalate        | 1.130 | 1.062  |            | -6.018  | 50.0  |
| Fluoranthene               | 1.163 | 1.063  |            | -8.598  | 50.0  |
| Benzidine                  | 0.610 | 0.568  |            | -6.885  | 50.0  |
| Pyrene                     | 1.504 | 1.407  |            | -6.449  | 50.0  |
| Terphenyl-d14              | 1.201 | 1.130  |            | -5.912  | 50.0  |
| Butylbenzylphthalate       | 0.549 | 0.491  |            | -10.565 | 50.0  |
| 3,3-Dichlorobenzidine      | 0.391 | 0.453  |            | 15.857  | 50.0  |
| Benzo(a)anthracene         | 1.317 | 1.310  |            | -0.532  | 50.0  |
| Chrysene                   | 1.241 | 1.235  |            | -0.483  | 50.0  |
| Bis(2-ethylhexyl)phthalate | 0.856 | 0.780  |            | -8.879  | 50.0  |
| Di-n-octyl phthalate       | 1.244 | 1.329  |            | 6.833   | 50.0  |
| Benzo(b)fluoranthene       | 1.246 | 1.136  |            | -8.828  | 50.0  |
| Benzo(k)fluoranthene       | 1.215 | 1.152  |            | -5.185  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG No.: BP053024  
 Instrument ID: BNA\_P Calibration Date/Time: 5/30/2024 1:14:46  
 Lab File ID: BP020485.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.032 | 1.039  |            | 0.678  | 50.0  |
| Indeno(1,2,3-cd)pyrene     | 1.216 | 1.408  |            | 15.789 | 50.0  |
| Dibenzo(a,h)anthracene     | 1.014 | 1.166  |            | 14.99  | 50.0  |
| Benzo(g,h,i)perylene       | 1.014 | 1.187  |            | 17.061 | 50.0  |
| 1,2,4,5-Tetrachlorobenzene | 0.579 | 0.637  |            | 10.017 | 50.0  |
| 1,4-Dioxane                | 0.451 | 0.465  |            | 3.104  | 50.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.330 | 0.328  |            | -0.606 | 50.0  |
| 1-Methylnaphthalene        | 0.726 | 0.671  |            | -7.576 | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BL             | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020481.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 86.7  | U         | 86.7 | 270  | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 79.8  | U         | 79.8 | 130  | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | U         | 180  | 270  | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 96.8  | U         | 96.8 | 130  | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 82.8  | U         | 82.8 | 130  | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 83.6  | U         | 83.6 | 130  | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 83.4  | U         | 83.4 | 130  | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 84.5  | U         | 84.5 | 130  | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 85.9  | U         | 85.9 | 130  | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 86.4  | U         | 86.4 | 130  | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 82.9  | U         | 82.9 | 270  | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 80.5  | U         | 80.5 | 130  | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 90.8  | U         | 90.8 | 130  | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 86.8  | U         | 86.8 | 130  | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 79.7  | U         | 79.7 | 270  | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 40.3  | U         | 40.3 | 79.9 | 79.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 82.9  | U         | 82.9 | 130  | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 90.7  | U         | 90.7 | 130  | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 84.5  | U         | 84.5 | 130  | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94.4  | U         | 94.4 | 130  | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 93.1  | U         | 93.1 | 130  | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 85.7  | U         | 85.7 | 130  | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 75.4  | U         | 75.4 | 130  | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 85.3  | U         | 85.3 | 130  | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270  | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 82.5  | U         | 82.5 | 130  | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82.5  | U         | 82.5 | 130  | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 83.2  | U         | 83.2 | 130  | 170        | ug/Kg |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 4/25/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 4/25/2024 12:00:00 AM |    |
| Client Sample ID:  | PB160503BL   |        |    | SDG No.:        | BP053024              |    |
| Lab Sample ID:     | PB160503BL   |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E        |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 30.02        | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |              |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :   |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor : |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BP020481.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.7   | U         | 86.7   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 77.4   | U         | 77.4   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 82.4   | U         | 82.4   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 71.4   | U         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 74     | U         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.3   | U         | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 83.2   | U         | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 94.9   | U         | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 81.6   | U         | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 86.4   | U         | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.1   | U         | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.1   | U         | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 81     | U         | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 1323.5 | U         | 1323.5 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240    | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 84.3   | U         | 84.3   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.1   | U         | 86.1   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 169.2  | U         | 169.2  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 80     | U         | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.5   | U         | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 85.4   | U         | 85.4   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110    | U         | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 81.5   | U         | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.5   | U         | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 78.8   | U         | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 84.9   | U         | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.3   | U         | 91.3   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BL          | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BL          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020481.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 77.2    | U         | 77.2   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 83.9    | U         | 83.9   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 84.3    | U         | 84.3   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 80.2    | U         | 80.2   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 84.2    | U         | 84.2   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 81.6    | U         | 81.6   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 82.9    | U         | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 96.7    | U         | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.5    | U         | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.6    | U         | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.4    | U         | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 90.9    | U         | 90.9   | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110     | U         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 81      | U         | 81     | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 82.5    | U         | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 92.9    | U         | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 78      | U         | 78     | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 81.1    | U         | 81.1   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 80      | U         | 80     | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.7    | U         | 86.7   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110     | U         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 74.7    | U         | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.1    | U         | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 131.296 |           | 18-112 |     | 88         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 115.445 |           | 15-107 |     | 77         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 86.005  |           | 18-107 |     | 86         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 90.35   |           | 20-109 |     | 90         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BL          | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BL          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020481.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number                            | Parameter                        | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|----------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol             | 115.979 |           | 10-110 |     | 77         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                    | 68.332  |           | 14-112 |     | 68         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                  |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 360953  | 7.769     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                   | 1330992 | 10.54     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                 | 722944  | 14.386    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                 | 1360768 | 17.192    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                     | 1347165 | 21.651    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                     | 1701622 | 25.015    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |         |           |        |     |            |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 110     | A         |        |     | 4.94       |           |
| 000630-01-3                           | Hexacosane                       | 99.3    | J         |        |     | 25.28      |           |
| 000629-99-2                           | Pentacosane                      | 81.9    | J         |        |     | 26.527     |           |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 4/22/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 4/22/2024 12:00:00 AM |    |
| Client Sample ID:  | PT-BNA-SOIL  |        |    | SDG No.:        | BP053024              |    |
| Lab Sample ID:     | P2252-11     |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E        |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 29.98        | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |              |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :   |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor : |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BP020482.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|-----------------------------|-------|-----------|------|------|------------|-------|
| TARGETS    |                             |       |           |      |      |            |       |
| 62-75-9    | n-Nitrosodimethylamine      | 86.9  | U         | 86.9 | 270  | 330        | ug/Kg |
| 110-86-1   | Pyridine                    | 80    | U         | 80   | 130  | 170        | ug/Kg |
| 100-52-7   | Benzaldehyde                | 180   | U         | 180  | 270  | 330        | ug/Kg |
| 62-53-3    | Aniline                     | 97    | U         | 97   | 130  | 170        | ug/Kg |
| 108-95-2   | Phenol                      | 83    | U         | 83   | 130  | 170        | ug/Kg |
| 111-44-4   | bis(2-Chloroethyl)ether     | 83.8  | U         | 83.8 | 130  | 170        | ug/Kg |
| 95-57-8    | 2-Chlorophenol              | 7700  | E         | 83.6 | 130  | 170        | ug/Kg |
| 95-50-1    | 1,2-Dichlorobenzene         | 3700  | E         | 84.7 | 130  | 170        | ug/Kg |
| 541-73-1   | 1,3-Dichlorobenzene         | 86.1  | U         | 86.1 | 130  | 170        | ug/Kg |
| 106-46-7   | 1,4-Dichlorobenzene         | 2800  | E         | 86.6 | 130  | 170        | ug/Kg |
| 100-51-6   | Benzyl Alcohol              | 83.1  | U         | 83.1 | 270  | 330        | ug/Kg |
| 95-48-7    | 2-Methylphenol              | 80.7  | U         | 80.7 | 130  | 170        | ug/Kg |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | 2300  |           | 91   | 130  | 170        | ug/Kg |
| 98-86-2    | Acetophenone                | 87    | U         | 87   | 130  | 170        | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols           | 79.9  | U         | 79.9 | 270  | 330        | ug/Kg |
| 621-64-7   | n-Nitroso-di-n-propylamine  | 40.3  | U         | 40.3 | 80.1 | 80.1       | ug/Kg |
| 67-72-1    | Hexachloroethane            | 1200  |           | 83.1 | 130  | 170        | ug/Kg |
| 98-95-3    | Nitrobenzene                | 8700  | E         | 90.9 | 130  | 170        | ug/Kg |
| 78-59-1    | Isophorone                  | 3100  | E         | 84.7 | 130  | 170        | ug/Kg |
| 88-75-5    | 2-Nitrophenol               | 4300  | E         | 94.6 | 130  | 170        | ug/Kg |
| 105-67-9   | 2,4-Dimethylphenol          | 93.3  | U         | 93.3 | 130  | 170        | ug/Kg |
| 111-91-1   | bis(2-Chloroethoxy)methane  | 85.9  | U         | 85.9 | 130  | 170        | ug/Kg |
| 120-83-2   | 2,4-Dichlorophenol          | 5200  | E         | 75.6 | 130  | 170        | ug/Kg |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 8000  | E         | 85.5 | 130  | 170        | ug/Kg |
| 65-85-0    | Benzoic acid                | 240   | U         | 240  | 270  | 330        | ug/Kg |
| 91-20-3    | Naphthalene                 | 82.7  | U         | 82.7 | 130  | 170        | ug/Kg |
| 106-47-8   | 4-Chloroaniline             | 82.7  | U         | 82.7 | 130  | 170        | ug/Kg |
| 87-68-3    | Hexachlorobutadiene         | 3800  | E         | 83.4 | 130  | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | PT-BNA-SOIL            | SDG No.:        | BP053024              |
| Lab Sample ID:     | P2252-11               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 29.98      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020482.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.9  | U         | 86.9   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 5900  | E         | 77.6   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1000  |           | 82.6   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160   | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 4400  | E         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 74    | U         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.5  | U         | 87.5   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 3900  | E         | 83.4   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 95.1  | U         | 95.1   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 4900  | E         | 81.8   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1600  |           | 86.6   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.3  | U         | 83.3   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.3  | U         | 89.3   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1100  |           | 81.2   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 23100 |           | 1326.7 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240   | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 4900  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 2300  |           | 84.5   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 69.6  | U         | 169.6  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.3  | U         | 86.3   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 5500  | E         | 80.2   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.7  | U         | 85.7   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 5200  | E         | 85.6   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110   | U         | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120   | U         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 81.7  | U         | 81.7   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.7  | U         | 79.7   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 4100  | E         | 79     | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 85.1  | U         | 85.1   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.5  | U         | 91.5   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | PT-BNA-SOIL            | SDG No.:        | BP053024              |
| Lab Sample ID:     | P2252-11               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 29.98      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020482.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2100    |           | 77.4   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 84.1    | U         | 84.1   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 2100    |           | 84.5   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 2400    |           | 80.4   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 3700    | E         | 84.4   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1600    |           | 81.8   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 83.1    | U         | 83.1   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 4500    | E         | 96.9   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.7    | U         | 98.7   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.8    | U         | 80.8   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.6    | U         | 79.6   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 91.1    | U         | 91.1   | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110     | U         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 81.2    | U         | 81.2   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 2300    |           | 82.7   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1300    |           | 93.1   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1900    |           | 78.2   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 3600    | E         | 81.3   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 2400    |           | 80.2   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.9    | U         | 86.9   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110     | U         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1200    |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.3    | U         | 83.3   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 113.859 |           | 18-112 |     | 76         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 105.173 |           | 15-107 |     | 70         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 79.818  |           | 18-107 |     | 80         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 84.266  |           | 20-109 |     | 84         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | PT-BNA-SOIL         | SDG No.:        | BP053024              |
| Lab Sample ID:     | P2252-11            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 29.98      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020482.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 112.251 |           | 10-110 |     | 75         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 75.175  |           | 14-112 |     | 75         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 213593  | 7.757     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 760803  | 10.534    |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 426086  | 14.387    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 801210  | 17.198    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 779258  | 21.651    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 943346  | 25.009    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 170     | J         |        |     | 3.034      |           |
| 024932-56-7                           | N-Cyclohexyl-2,2-diphenylacetamide | 88.7    | J         |        |     | 15.71      |           |
| 000506-51-4                           | n-Tetracosanol-1                   | 150     | J         |        |     | 21.345     |           |
| 000630-01-3                           | Hexacosane                         | 140     | J         |        |     | 24.239     |           |
| 007225-64-1                           | Heptadecane, 9-octyl-              | 160     | J         |        |     | 26.527     |           |



|                    |               |        |    |                 |                       |    |
|--------------------|---------------|--------|----|-----------------|-----------------------|----|
| Client:            |               |        |    | Date Collected: | 4/22/2024 12:00:00 AM |    |
| Project:           |               |        |    | Date Received:  | 4/22/2024 12:00:00 AM |    |
| Client Sample ID:  | PT-BNA-SOILDL |        |    | SDG No.:        | BP053024              |    |
| Lab Sample ID:     | P2252-11DL    |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E         |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 29.98         | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |               |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :    |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor :  |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BP020483.D        | 5         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|-----------------------------|-------|-----------|------|------|------------|-------|
| TARGETS    |                             |       |           |      |      |            |       |
| 62-75-9    | n-Nitrosodimethylamine      | 430   | U         | 430  | 1400 | 1700       | ug/Kg |
| 110-86-1   | Pyridine                    | 400   | U         | 400  | 650  | 850        | ug/Kg |
| 100-52-7   | Benzaldehyde                | 910   | U         | 910  | 1400 | 1700       | ug/Kg |
| 62-53-3    | Aniline                     | 480   | U         | 480  | 650  | 850        | ug/Kg |
| 108-95-2   | Phenol                      | 410   | U         | 410  | 650  | 850        | ug/Kg |
| 111-44-4   | bis(2-Chloroethyl)ether     | 420   | U         | 420  | 650  | 850        | ug/Kg |
| 95-57-8    | 2-Chlorophenol              | 8100  | D         | 420  | 650  | 850        | ug/Kg |
| 95-50-1    | 1,2-Dichlorobenzene         | 3900  | D         | 420  | 650  | 850        | ug/Kg |
| 541-73-1   | 1,3-Dichlorobenzene         | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 106-46-7   | 1,4-Dichlorobenzene         | 2900  | D         | 430  | 650  | 850        | ug/Kg |
| 100-51-6   | Benzyl Alcohol              | 420   | U         | 420  | 1400 | 1700       | ug/Kg |
| 95-48-7    | 2-Methylphenol              | 400   | U         | 400  | 650  | 850        | ug/Kg |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | 2400  | D         | 450  | 650  | 850        | ug/Kg |
| 98-86-2    | Acetophenone                | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols           | 400   | U         | 400  | 1400 | 1700       | ug/Kg |
| 621-64-7   | n-Nitroso-di-n-propylamine  | 200   | U         | 200  | 400  | 400        | ug/Kg |
| 67-72-1    | Hexachloroethane            | 1300  | D         | 420  | 650  | 850        | ug/Kg |
| 98-95-3    | Nitrobenzene                | 9000  | D         | 450  | 650  | 850        | ug/Kg |
| 78-59-1    | Isophorone                  | 3200  | D         | 420  | 650  | 850        | ug/Kg |
| 88-75-5    | 2-Nitrophenol               | 4200  | D         | 470  | 650  | 850        | ug/Kg |
| 105-67-9   | 2,4-Dimethylphenol          | 470   | U         | 470  | 650  | 850        | ug/Kg |
| 111-91-1   | bis(2-Chloroethoxy)methane  | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 120-83-2   | 2,4-Dichlorophenol          | 5300  | D         | 380  | 650  | 850        | ug/Kg |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 8500  | D         | 430  | 650  | 850        | ug/Kg |
| 65-85-0    | Benzoic acid                | 1200  | U         | 1200 | 1400 | 1700       | ug/Kg |
| 91-20-3    | Naphthalene                 | 410   | U         | 410  | 650  | 850        | ug/Kg |
| 106-47-8   | 4-Chloroaniline             | 410   | U         | 410  | 650  | 850        | ug/Kg |
| 87-68-3    | Hexachlorobutadiene         | 3900  | D         | 420  | 650  | 850        | ug/Kg |



|                    |               |        |    |                 |                       |    |
|--------------------|---------------|--------|----|-----------------|-----------------------|----|
| Client:            |               |        |    | Date Collected: | 4/22/2024 12:00:00 AM |    |
| Project:           |               |        |    | Date Received:  | 4/22/2024 12:00:00 AM |    |
| Client Sample ID:  | PT-BNA-SOILDL |        |    | SDG No.:        | BP053024              |    |
| Lab Sample ID:     | P2252-11DL    |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E         |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 29.98         | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |               |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :    |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor :  |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BP020483.D        | 5         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 430   | U         | 430  | 1400 | 1700       | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 6100  | D         | 390  | 650  | 850        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1000  | D         | 410  | 650  | 850        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 780   | U         | 780  | 1400 | 1700       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 4200  | D         | 360  | 650  | 850        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 370   | U         | 370  | 650  | 850        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 440   | U         | 440  | 650  | 850        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 4000  | D         | 420  | 650  | 850        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 480   | U         | 480  | 650  | 850        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 5200  | D         | 410  | 650  | 850        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1600  | D         | 430  | 650  | 850        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 420   | U         | 420  | 650  | 850        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 450   | U         | 450  | 650  | 850        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1200  | D         | 410  | 650  | 850        | ug/Kg |
| Total PAH  | Total PAH                                       | 23200 | D         | 6640 | 650  | 13600      | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1200  | U         | 1200 | 1400 | 1700       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 4500  | D         | 580  | 1400 | 1700       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 2400  | D         | 420  | 650  | 850        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 850   | U         | 850  | 650  | 1700       | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 6000  | D         | 400  | 650  | 850        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 86-73-7    | Fluorene                                        | 5700  | D         | 430  | 650  | 850        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 540   | U         | 540  | 650  | 850        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 590   | U         | 590  | 1400 | 1700       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 410   | U         | 410  | 650  | 850        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 400   | U         | 400  | 650  | 850        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 4100  | D         | 390  | 650  | 850        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 430   | U         | 430  | 650  | 850        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 460   | U         | 460  | 650  | 850        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | PT-BNA-SOILDL          | SDG No.:        | BP053024              |
| Lab Sample ID:     | P2252-11DL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 29.98      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020483.D        | 5         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1700    | D         | 390    | 1400 | 1700       | ug/Kg     |
| 85-01-8           | Phenanthrene               | 420     | U         | 420    | 650  | 850        | ug/Kg     |
| 120-12-7          | Anthracene                 | 2200    | D         | 420    | 650  | 850        | ug/Kg     |
| 86-74-8           | Carbazole                  | 2500    | D         | 400    | 650  | 850        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 3800    | D         | 420    | 650  | 850        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1600    | D         | 410    | 650  | 850        | ug/Kg     |
| 92-87-5           | Benzidine                  | 820     | U         | 820    | 1400 | 1700       | ug/Kg     |
| 129-00-0          | Pyrene                     | 420     | U         | 420    | 650  | 850        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 4700    | D         | 480    | 650  | 850        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 490     | U         | 490    | 1400 | 1700       | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 400     | U         | 400    | 650  | 850        | ug/Kg     |
| 218-01-9          | Chrysene                   | 400     | U         | 400    | 650  | 850        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 460     | U         | 460    | 650  | 850        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 550     | U         | 550    | 1400 | 1700       | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 410     | U         | 410    | 650  | 850        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 2200    | D         | 410    | 650  | 850        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1300    | D         | 470    | 650  | 850        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1800    | D         | 390    | 650  | 850        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 3400    | D         | 410    | 650  | 850        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 2200    | D         | 400    | 650  | 850        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 430     | U         | 430    | 650  | 850        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 550     | U         | 550    | 650  | 850        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1100    | D         | 370    | 650  | 850        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 420     | U         | 420    | 850  | 850        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 114.01  |           | 18-112 |      | 76         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 106.535 |           | 15-107 |      | 71         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 76.41   |           | 18-107 |      | 76         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 85.665  |           | 20-109 |      | 86         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/22/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/22/2024 12:00:00 AM |
| Client Sample ID:  | PT-BNA-SOILDL       | SDG No.:        | BP053024              |
| Lab Sample ID:     | P2252-11DL          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 29.98      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020483.D        | 5         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 100.25  |           | 10-110 |     | 67         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 77.74   |           | 14-112 |     | 78         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 252818  | 7.74      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 920361  | 10.516    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 532738  | 14.375    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1037613 | 17.192    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1026795 | 21.663    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1231273 | 25.033    |        |     |            |           |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 4/25/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 4/25/2024 12:00:00 AM |    |
| Client Sample ID:  | PB160503BS   |        |    | SDG No.:        | BP053024              |    |
| Lab Sample ID:     | PB160503BS   |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E        |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 30.01        | Units: | g  | Final Vol:      | 1000                  | uL |
| Soil Aliquot Vol:  |              |        | uL | Test:           |                       |    |
| Extraction Type :  | Decanted :   |        |    | Level :         | LOW                   |    |
| Injection Volume : | GPC Factor : |        |    | GPC Cleanup :   | PH :                  |    |

| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BP020484.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| TARGETS    |                             |       |           |      |     |            |       |
| 62-75-9    | n-Nitrosodimethylamine      | 1400  |           | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1   | Pyridine                    | 1200  |           | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7   | Benzaldehyde                | 330   |           | 180  | 270 | 330        | ug/Kg |
| 62-53-3    | Aniline                     | 990   |           | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2   | Phenol                      | 1300  |           | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4   | bis(2-Chloroethyl)ether     | 1300  |           | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8    | 2-Chlorophenol              | 1400  |           | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1    | 1,2-Dichlorobenzene         | 1400  |           | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1   | 1,3-Dichlorobenzene         | 1400  |           | 86   | 130 | 170        | ug/Kg |
| 106-46-7   | 1,4-Dichlorobenzene         | 1400  |           | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6   | Benzyl Alcohol              | 1300  |           | 83   | 270 | 330        | ug/Kg |
| 95-48-7    | 2-Methylphenol              | 1300  |           | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | 1300  |           | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2    | Acetophenone                | 1400  |           | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols           | 1200  |           | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7   | n-Nitroso-di-n-propylamine  | 1200  |           | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1    | Hexachloroethane            | 1400  |           | 83   | 130 | 170        | ug/Kg |
| 98-95-3    | Nitrobenzene                | 1400  |           | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1    | Isophorone                  | 1300  |           | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5    | 2-Nitrophenol               | 1300  |           | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9   | 2,4-Dimethylphenol          | 1500  |           | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1   | bis(2-Chloroethoxy)methane  | 1300  |           | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2   | 2,4-Dichlorophenol          | 1400  |           | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 1400  |           | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0    | Benzoic acid                | 1100  |           | 240  | 270 | 330        | ug/Kg |
| 91-20-3    | Naphthalene                 | 1400  |           | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8   | 4-Chloroaniline             | 630   |           | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3    | Hexachlorobutadiene         | 1400  |           | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BS             | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020484.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1100  |           | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1200  |           | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1300  |           | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 4500  | E         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1500  |           | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1400  |           | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1500  |           | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1400  |           | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1400  |           | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1300  |           | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1500  |           | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1300  |           | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 910   |           | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1300  |           | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 23900 |           | 1325.1 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 2200  |           | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2800  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1400  |           | 84.4   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2600  |           | 169.4  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1300  |           | 86.2   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1200  |           | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1300  |           | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1300  |           | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1200  |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1300  |           | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1500  |           | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1300  |           | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1400  |           | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1400  |           | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1400  |           | 91.4   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BS          | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020484.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2700    | E         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1500    |           | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1500    |           | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1400    |           | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1400    |           | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1400    |           | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 670     |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1200    |           | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1200    |           | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1500    |           | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1400    |           | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1500    |           | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1300    |           | 91     | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1600    |           | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1400    |           | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1400    |           | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1600    |           | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1900    |           | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1800    |           | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 1800    |           | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1600    |           | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1300    |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1400    |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1200    |           | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 135.637 |           | 18-112 |     | 90         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 114.595 |           | 15-107 |     | 76         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 84.154  |           | 18-107 |     | 84         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 85.823  |           | 20-109 |     | 86         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 4/25/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 4/25/2024 12:00:00 AM |
| Client Sample ID:  | PB160503BS          | SDG No.:        | BP053024              |
| Lab Sample ID:     | PB160503BS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BP020484.D        | 1         | 4/25/2024 12:00:00 AM | 5/30/2024 12:00:00 AM | PB160503      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 118.981 |           | 10-110 |     | 79         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 70.432  |           | 14-112 |     | 70         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 322393  | 7.722     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 1171107 | 10.499    |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 642856  | 14.369    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 1140759 | 17.192    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 1111169 | 21.669    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 1363474 | 25.027    |        |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BP053024

Client:

| Sample ID           | Client ID          | Matrix | Parameter                       | Concentration | C             | MDL | RDL  | Units     |
|---------------------|--------------------|--------|---------------------------------|---------------|---------------|-----|------|-----------|
| <b>Client ID :</b>  | <b>PT-BNA-SOIL</b> |        |                                 |               |               |     |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | Butane, 2-methoxy-2-methyl-     | *             | 170.000       | J   |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | Heptadecane, 9-octyl-           | *             | 160.000       | J   |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | Hexacosane                      | *             | 140.000       | J   |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | N-Cyclohexyl-2,2-diphenylacetan | *             | 88.700        | J   |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | n-Tetracosanol-1                | *             | 150.000       | J   |      |           |
| <b>Total Tics :</b> |                    |        |                                 |               | <b>708.70</b> |     |      |           |
| P2252-11            | PT-BNA-SOIL        | Solid  | 1,2,4-Trichlorobenzene          |               | 8,000.000     | E   | 85.5 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 1,2-Dichlorobenzene             |               | 3,700.000     | E   | 84.7 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 1,4-Dichlorobenzene             |               | 2,800.000     | E   | 86.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2,2-oxybis(1-Chloropropane)     |               | 2,300.000     |     | 91   | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2,3,4,6-Tetrachlorophenol       |               | 1,200.000     |     | 74.7 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2,4,6-Trichlorophenol           |               | 4,400.000     | E   | 71.4 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2,4-Dichlorophenol              |               | 5,200.000     | E   | 75.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2-Chloronaphthalene             |               | 3,900.000     | E   | 83.4 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2-Chlorophenol                  |               | 7,700.000     | E   | 83.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2-Methylnaphthalene             |               | 1,000.000     |     | 82.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 2-Nitrophenol                   |               | 4,300.000     | E   | 94.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 4-Bromophenyl-phenylether       |               | 4,100.000     | E   | 79   | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 4-Chloro-3-methylphenol         |               | 5,900.000     | E   | 77.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | 4-Nitrophenol                   |               | 4,900.000     | E   | 120  | 330 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Acenaphthene                    |               | 1,100.000     |     | 81.2 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Acenaphthylene                  |               | 1,600.000     |     | 86.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Anthracene                      |               | 2,100.000     |     | 84.5 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Benzo(a)pyrene                  |               | 1,300.000     |     | 93.1 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Benzo(g,h,i)perylene            |               | 2,400.000     |     | 80.2 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Benzo(k)fluoranthene            |               | 2,300.000     |     | 82.7 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Butylbenzylphthalate            |               | 4,500.000     | E   | 96.9 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Carbazole                       |               | 2,400.000     |     | 80.4 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Di-n-butylphthalate             |               | 3,700.000     | E   | 84.4 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Dibenzo(a,h)anthracene          |               | 3,600.000     | E   | 81.3 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Dibenzofuran                    |               | 2,300.000     |     | 84.5 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Diethylphthalate                |               | 5,500.000     | E   | 80.2 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Dimethylphthalate               |               | 4,900.000     | E   | 81.8 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Fluoranthene                    |               | 1,600.000     |     | 81.8 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Fluorene                        |               | 5,200.000     | E   | 85.6 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Hexachlorobutadiene             |               | 3,800.000     | E   | 83.4 | 170 ug/Kg |
| P2252-11            | PT-BNA-SOIL        | Solid  | Hexachloroethane                |               | 1,200.000     |     | 83.1 | 170 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BP053024

Client:

| Sample ID                 | Client ID     | Matrix | Parameter                   | Concentration | C | MDL    | RDL  | Units |
|---------------------------|---------------|--------|-----------------------------|---------------|---|--------|------|-------|
| P2252-11                  | PT-BNA-SOIL   | Solid  | Indeno(1,2,3-cd)pyrene      | 1,900.000     |   | 78.2   | 170  | ug/Kg |
| P2252-11                  | PT-BNA-SOIL   | Solid  | Isophorone                  | 3,100.000     | E | 84.7   | 170  | ug/Kg |
| P2252-11                  | PT-BNA-SOIL   | Solid  | Nitrobenzene                | 8,700.000     | E | 90.9   | 170  | ug/Kg |
| P2252-11                  | PT-BNA-SOIL   | Solid  | Pentachlorophenol           | 2,100.000     |   | 77.4   | 330  | ug/Kg |
| P2252-11                  | PT-BNA-SOIL   | Solid  | Total PAH                   | 23,100.000    |   | 1326.7 | 2720 | ug/Kg |
| Total Svoc :              |               |        |                             | 147,800.00    |   |        |      |       |
| Total Concentration:      |               |        |                             | 148,508.70    |   |        |      |       |
| Client ID : PT-BNA-SOILDL |               |        |                             |               |   |        |      |       |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 1,2,4-Trichlorobenzene      | 8,500.000     | D | 430    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 1,2-Dichlorobenzene         | 3,900.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 1,4-Dichlorobenzene         | 2,900.000     | D | 430    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2,2-oxybis(1-Chloropropane) | 2,400.000     | D | 450    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2,3,4,6-Tetrachlorophenol   | 1,100.000     | D | 370    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2,4,6-Trichlorophenol       | 4,200.000     | D | 360    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2,4-Dichlorophenol          | 5,300.000     | D | 380    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2-Chloronaphthalene         | 4,000.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2-Chlorophenol              | 8,100.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2-Methylnaphthalene         | 1,000.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 2-Nitrophenol               | 4,200.000     | D | 470    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 4-Bromophenyl-phenylether   | 4,100.000     | D | 390    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 4-Chloro-3-methylphenol     | 6,100.000     | D | 390    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | 4-Nitrophenol               | 4,500.000     | D | 580    | 1700 | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Acenaphthene                | 1,200.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Acenaphthylene              | 1,600.000     | D | 430    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Anthracene                  | 2,200.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Benzo(a)pyrene              | 1,300.000     | D | 470    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Benzo(g,h,i)perylene        | 2,200.000     | D | 400    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Benzo(k)fluoranthene        | 2,200.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Butylbenzylphthalate        | 4,700.000     | D | 480    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Carbazole                   | 2,500.000     | D | 400    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Di-n-butylphthalate         | 3,800.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Dibenzo(a,h)anthracene      | 3,400.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Dibenzofuran                | 2,400.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Diethylphthalate            | 6,000.000     | D | 400    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Dimethylphthalate           | 5,200.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Fluoranthene                | 1,600.000     | D | 410    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Fluorene                    | 5,700.000     | D | 430    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Hexachlorobutadiene         | 3,900.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Hexachloroethane            | 1,300.000     | D | 420    | 850  | ug/Kg |
| P2252-11DL                | PT-BNA-SOILDL | Solid  | Indeno(1,2,3-cd)pyrene      | 1,800.000     | D | 390    | 850  | ug/Kg |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BP053024

**Client:**

| Sample ID            | Client ID     | Matrix | Parameter         | Concentration | C | MDL  | RDL   | Units |
|----------------------|---------------|--------|-------------------|---------------|---|------|-------|-------|
| P2252-11DL           | PT-BNA-SOILDL | Solid  | Isophorone        | 3,200.000     | D | 420  | 850   | ug/Kg |
| P2252-11DL           | PT-BNA-SOILDL | Solid  | Nitrobenzene      | 9,000.000     | D | 450  | 850   | ug/Kg |
| P2252-11DL           | PT-BNA-SOILDL | Solid  | Pentachlorophenol | 1,700.000     | D | 390  | 1700  | ug/Kg |
| P2252-11DL           | PT-BNA-SOILDL | Solid  | Total PAH         | 23,200.000    | D | 6640 | 13600 | ug/Kg |
| Total Svoc :         |               |        |                   | 150,400.00    |   |      |       |       |
| Total Concentration: |               |        |                   | 150,400.00    |   |      |       |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP052924 SAS No.: BP052924 SDG No.: BP052924  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/29/2024 : \_\_\_\_\_  
Calibration Time(s): 09:59 : \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BP020469.D |        |        | RRF005 = BP020470.D |        | RRF010 = BP020471.D |       |
|                             |        | RRF020 = BP020472.D |        |        | RRF040 = BP020473.D |        | RRF050 = BP020474.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.619               | 0.620  | 0.638  | 0.626               | 0.607  | 0.616               | 2.6   |
| Pyridine                    |        | 1.188               | 1.265  | 1.330  | 1.291               | 1.266  | 1.269               | 3.6   |
| 2-Fluorophenol              |        | 1.090               | 1.121  | 1.167  | 1.131               | 1.104  | 1.117               | 2.7   |
| Benzaldehyde                |        | 1.159               | 1.123  | 1.066  | 0.890               | 0.814  | 1.010               | 14.9  |
| Aniline                     |        | 1.547               | 1.568  | 1.680  | 1.633               | 1.585  | 1.596               | 3.7   |
| Phenol-d6                   |        | 1.561               | 1.575  | 1.656  | 1.600               | 1.551  | 1.575               | 3.2   |
| Phenol                      |        | 1.604               | 1.600  | 1.701  | 1.638               | 1.584  | 1.614               | 3.1   |
| bis(2-Chloroethyl)ether     |        | 1.362               | 1.367  | 1.409  | 1.347               | 1.270  | 1.331               | 4.5   |
| 2-Chlorophenol              |        | 1.251               | 1.246  | 1.313  | 1.269               | 1.224  | 1.252               | 3.0   |
| 1,2-Dichlorobenzene         |        | 1.540               | 1.497  | 1.518  | 1.455               | 1.385  | 1.447               | 5.3   |
| 1,3-Dichlorobenzene         |        | 1.533               | 1.526  | 1.546  | 1.473               | 1.425  | 1.475               | 4.3   |
| 1,4-Dichlorobenzene         |        | 1.568               | 1.534  | 1.578  | 1.504               | 1.433  | 1.499               | 4.4   |
| Benzyl Alcohol              |        | 1.116               | 1.128  | 1.225  | 1.197               | 1.156  | 1.164               | 3.8   |
| 2-Methylphenol              |        | 1.061               | 1.091  | 1.171  | 1.122               | 1.073  | 1.095               | 4.0   |
| 2,2-oxybis(1-Chloropropane) |        | 2.111               | 2.109  | 2.141  | 1.991               | 1.862  | 1.987               | 7.2   |
| Acetophenone                |        | 0.523               | 0.512  | 0.520  | 0.495               | 0.478  | 0.496               | 4.8   |
| 3+4-Methylphenols           |        | 1.398               | 1.442  | 1.589  | 1.535               | 1.476  | 1.489               | 4.5   |
| n-Nitroso-di-n-propylamine  | 1.014  | 1.121               | 1.126  | 1.174  | 1.108               | 1.031  | 1.075               | 6.4   |
| Nitrobenzene-d5             |        | 0.355               | 0.363  | 0.379  | 0.371               | 0.362  | 0.365               | 2.6   |
| Hexachloroethane            |        | 0.563               | 0.553  | 0.575  | 0.552               | 0.534  | 0.548               | 3.5   |
| Nitrobenzene                |        | 0.375               | 0.368  | 0.390  | 0.372               | 0.363  | 0.371               | 2.9   |
| Isophorone                  |        | 0.702               | 0.710  | 0.744  | 0.716               | 0.698  | 0.710               | 2.9   |
| 2-Nitrophenol               |        | 0.084               | 0.098  | 0.122  | 0.139               | 0.144  | 0.128               | 21.4  |
| 2,4-Dimethylphenol          |        | 0.209               | 0.214  | 0.223  | 0.220               | 0.213  | 0.214               | 2.9   |
| bis(2-Chloroethoxy)methane  |        | 0.456               | 0.442  | 0.460  | 0.435               | 0.423  | 0.436               | 4.3   |
| 2,4-Dichlorophenol          |        | 0.259               | 0.276  | 0.299  | 0.295               | 0.292  | 0.288               | 5.2   |
| 1,2,4-Trichlorobenzene      |        | 0.350               | 0.345  | 0.353  | 0.340               | 0.330  | 0.342               | 2.8   |
| Benzoic acid                |        |                     | 0.120  | 0.153  | 0.183               | 0.193  | 0.181               | 21.7  |
| Naphthalene                 |        | 1.077               | 1.048  | 1.070  | 1.013               | 0.986  | 1.022               | 4.4   |
| 4-Chloroaniline             |        | 0.395               | 0.397  | 0.414  | 0.398               | 0.385  | 0.396               | 3.0   |
| Hexachlorobutadiene         |        | 0.218               | 0.220  | 0.218  | 0.213               | 0.209  | 0.215               | 1.9   |
| Caprolactam                 |        | 0.091               | 0.104  | 0.109  | 0.109               | 0.108  | 0.105               | 6.6   |
| 4-Chloro-3-methylphenol     |        | 0.306               | 0.322  | 0.347  | 0.341               | 0.336  | 0.337               | 6.4   |
| 2-Methylnaphthalene         |        | 0.752               | 0.738  | 0.754  | 0.723               | 0.693  | 0.733               | 5.8   |
| Hexachlorocyclopentadiene   |        | 0.176               | 0.181  | 0.204  | 0.210               | 0.209  | 0.203               | 9.5   |
| 2,4,6-Trichlorophenol       |        | 0.283               | 0.311  | 0.365  | 0.364               | 0.366  | 0.350               | 10.9  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP052924 SAS No.: BP052924 SDG No.: BP052924  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/29/2024 : \_\_\_\_\_  
Calibration Time(s): 09:59 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BP020469.D |        |        | RRF005 = BP020470.D |        | RRF010 = BP020471.D |       |
|                            |        | RRF020 = BP020472.D |        |        | RRF040 = BP020473.D |        | RRF050 = BP020474.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.455               | 1.393  | 1.455  | 1.312               | 1.270  | 1.342               | 7.3   |
| 2,4,5-Trichlorophenol      |        | 0.351               | 0.375  | 0.418  | 0.420               | 0.411  | 0.404               | 7.4   |
| 1,1-Biphenyl               |        | 1.505               | 1.437  | 1.486  | 1.414               | 1.355  | 1.411               | 5.2   |
| 2-Chloronaphthalene        |        | 1.179               | 1.134  | 1.205  | 1.122               | 1.075  | 1.122               | 5.3   |
| 2-Nitroaniline             |        | 0.242               | 0.274  | 0.322  | 0.322               | 0.327  | 0.304               | 10.8  |
| Dimethylphthalate          |        | 1.466               | 1.430  | 1.495  | 1.393               | 1.388  | 1.410               | 4.4   |
| Acenaphthylene             |        | 1.722               | 1.670  | 1.779  | 1.647               | 1.627  | 1.665               | 4.2   |
| 2,6-Dinitrotoluene         |        | 0.253               | 0.285  | 0.319  | 0.312               | 0.309  | 0.301               | 8.1   |
| 3-Nitroaniline             |        | 0.257               | 0.290  | 0.321  | 0.314               | 0.315  | 0.302               | 7.5   |
| Acenaphthene               |        | 1.112               | 1.068  | 1.116  | 1.026               | 1.027  | 1.050               | 4.8   |
| 2,4-Dinitrophenol          |        |                     | 0.063  | 0.083  | 0.101               | 0.113  | 0.104               | 26.5  |
| 4-Nitrophenol              |        | 0.167               | 0.210  | 0.245  | 0.242               | 0.257  | 0.234               | 14.6  |
| Dibenzofuran               |        | 1.781               | 1.709  | 1.779  | 1.643               | 1.590  | 1.664               | 6.0   |
| 2,4-Dinitrotoluene         |        | 0.296               | 0.351  | 0.416  | 0.416               | 0.425  | 0.396               | 13.3  |
| Diethylphthalate           |        | 1.488               | 1.479  | 1.559  | 1.424               | 1.424  | 1.433               | 6.1   |
| 4-Chlorophenyl-phenylether |        | 0.739               | 0.719  | 0.718  | 0.673               | 0.652  | 0.689               | 7.8   |
| Fluorene                   |        | 1.455               | 1.413  | 1.441  | 1.299               | 1.268  | 1.336               | 8.4   |
| 4-Nitroaniline             |        | 0.265               | 0.300  | 0.334  | 0.311               | 0.329  | 0.311               | 9.0   |
| 4,6-Dinitro-2-methylphenol |        |                     | 0.049  | 0.064  | 0.078               | 0.085  | 0.078               | 23.8  |
| n-Nitrosodiphenylamine     |        | 0.573               | 0.574  | 0.576  | 0.541               | 0.526  | 0.550               | 5.0   |
| Azobenzene                 |        | 1.456               | 1.426  | 1.449  | 1.321               | 1.275  | 1.338               | 8.2   |
| 2,4,6-Tribromophenol       |        | 0.177               | 0.195  | 0.214  | 0.220               | 0.227  | 0.208               | 8.8   |
| 4-Bromophenyl-phenylether  |        | 0.203               | 0.206  | 0.204  | 0.202               | 0.197  | 0.205               | 2.3   |
| Hexachlorobenzene          |        | 0.241               | 0.238  | 0.243  | 0.236               | 0.234  | 0.241               | 2.4   |
| Atrazine                   |        | 0.192               | 0.204  | 0.201  | 0.193               | 0.187  | 0.193               | 3.7   |
| Pentachlorophenol          |        |                     | 0.120  | 0.136  | 0.146               | 0.150  | 0.146               | 11.3  |
| Phenanthrene               |        | 1.053               | 1.037  | 1.020  | 0.967               | 0.938  | 0.983               | 5.7   |
| Anthracene                 |        | 1.021               | 1.014  | 1.006  | 0.962               | 0.922  | 0.965               | 6.0   |
| Carbazole                  |        | 0.973               | 0.986  | 0.984  | 0.920               | 0.918  | 0.933               | 6.2   |
| Di-n-butylphthalate        |        | 1.090               | 1.184  | 1.209  | 1.169               | 1.148  | 1.130               | 7.7   |
| Fluoranthene               |        | 1.245               | 1.249  | 1.260  | 1.152               | 1.151  | 1.163               | 10.5  |
| Benzidine                  |        |                     | 0.400  | 0.476  | 0.729               | 0.731  | 0.610               | 26.1  |
| Pyrene                     |        | 1.484               | 1.451  | 1.490  | 1.561               | 1.474  | 1.504               | 2.7   |
| Terphenyl-d14              |        | 1.238               | 1.205  | 1.218  | 1.277               | 1.170  | 1.201               | 5.0   |
| Butylbenzylphthalate       |        | 0.394               | 0.462  | 0.549  | 0.602               | 0.602  | 0.549               | 16.0  |
| 3,3-Dichlorobenzidine      |        | 0.314               | 0.360  | 0.411  | 0.416               | 0.435  | 0.391               | 11.1  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BP052924 SAS No.: BP052924 SDG No.: BP052924  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/29/2024 : \_\_\_\_\_  
Calibration Time(s): 09:59 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BP020469.D |        |        | RRF005 = BP020470.D |        | RRF010 = BP020471.D |       |
|                            |        | RRF020 = BP020472.D |        |        | RRF040 = BP020473.D |        | RRF050 = BP020474.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.348               | 1.340  | 1.367  | 1.316               | 1.290  | 1.317               | 3.1   |
| Chrysene                   |        | 1.297               | 1.256  | 1.291  | 1.248               | 1.192  | 1.241               | 3.7   |
| Bis(2-ethylhexyl)phthalate |        | 0.684               | 0.790  | 0.884  | 0.927               | 0.883  | 0.856               | 10.4  |
| Di-n-octyl phthalate       |        |                     | 1.005  | 1.274  | 1.264               | 1.267  | 1.244               | 9.8   |
| Benzo(b)fluoranthene       |        | 1.202               | 1.271  | 1.327  | 1.261               | 1.216  | 1.246               | 4.3   |
| Benzo(k)fluoranthene       |        | 1.194               | 1.218  | 1.274  | 1.217               | 1.203  | 1.215               | 2.8   |
| Benzo(a)pyrene             |        | 0.939               | 1.003  | 1.075  | 1.056               | 1.040  | 1.032               | 4.6   |
| Indeno(1,2,3-cd)pyrene     |        | 1.021               | 1.080  | 1.189  | 1.284               | 1.273  | 1.216               | 10.2  |
| Dibenzo(a,h)anthracene     |        | 0.872               | 0.909  | 0.991  | 1.064               | 1.062  | 1.014               | 9.1   |
| Benzo(g,h,i)perylene       |        | 0.869               | 0.904  | 0.982  | 1.068               | 1.059  | 1.014               | 9.6   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.576               | 0.573  | 0.601  | 0.575               | 0.563  | 0.579               | 3.7   |
| 1,4-Dioxane                |        | 0.471               | 0.464  | 0.466  | 0.444               | 0.433  | 0.451               | 4.4   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.288               | 0.314  | 0.352  | 0.348               | 0.346  | 0.330               | 7.2   |
| 1-Methylnaphthalene        |        | 0.755               | 0.735  | 0.750  | 0.707               | 0.691  | 0.726               | 5.2   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG NO.: BP053024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 10:43

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                  | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD      | 328112              | 7.769 | 1.4069e+00          | 10.53  | 932714              | 14.39  |
| UPPER LIMIT      | 656224              | 8.269 | 2813800             | 11.034 | 1865428             | 14.892 |
| LOWER LIMIT      | 164056              | 7.269 | 703450              | 10.034 | 466357              | 13.892 |
| EPA SAMPLE NO.   |                     |       |                     |        |                     |        |
| 01 PB160503BL    | 360953              | 7.77  | 1.33099e            | 10.54  | 722944              | 14.39  |
| 02 PT-BNA-SOIL   | 213593              | 7.76  | 760803              | 10.53  | 426086 *            | 14.39  |
| 03 PT-BNA-SOILDL | 252818              | 7.74  | 920361              | 10.52  | 532738              | 14.38  |
| 04 PB160503BS    | 322393              | 7.72  | 1.17111e            | 10.50  | 642856              | 14.37  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG NO.: BP053024

EPA Sample No.: SSTDCCC040 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BP020480.D Time Analyzed: 10:43

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                  | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD      | 242196              | 7.769 | 865853              | 10.53  | 495156              | 14.39  |
| UPPER LIMIT      | 484392              | 8.269 | 1731706             | 11.034 | 990312              | 14.893 |
| LOWER LIMIT      | 121098              | 7.269 | 432926.5            | 10.034 | 247578              | 13.893 |
| EPA SAMPLE NO.   |                     |       |                     |        |                     |        |
| 01 PB160503BL    | 360953              | 7.77  | 1.33099e            | 10.54  | 722944              | 14.39  |
| 02 PT-BNA-SOIL   | 213593              | 7.76  | 760803              | 10.53  | 426086              | 14.39  |
| 03 PT-BNA-SOILDL | 252818              | 7.74  | 920361              | 10.52  | 532738              | 14.38  |
| 04 PB160503BS    | 322393              | 7.72  | 1.17111e            | 10.50  | 642856              | 14.37  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG NO.: BP053024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BP020473.D Time Analyzed: 10:43

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                  | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD      | 1.94333e+01         | 17.204 | 1.46513e+           | 21.669 | 1.32054e+01         | 25.021 |
| UPPER LIMIT      | 3886660             | 17.704 | 2930260             | 22.169 | 2641080             | 25.521 |
| LOWER LIMIT      | 971665              | 16.704 | 732565              | 21.169 | 660270              | 24.521 |
| EPA SAMPLE NO.   |                     |        |                     |        |                     |        |
| 01 PB160503BL    | 1.36077             | 17.19  | 1.34717e+           | 21.65  | 1.70162e+           | 25.02  |
| 02 PT-BNA-SOIL   | 801210 *            | 17.20  | 779258              | 21.65  | 943346              | 25.01  |
| 03 PT-BNA-SOILDL | 1.03761             | 17.19  | 1.0268e+0           | 21.66  | 1.23127e+           | 25.03  |
| 04 PB160503BS    | 1.14076             | 17.19  | 1.11117e+           | 21.67  | 1.36347e+           | 25.03  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP053024 SAS No.: BP053024 SDG NO.: BP053024

EPA Sample No.: SSTDCCC040 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BP020480.D Time Analyzed: 10:43

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                  | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD      | 1.00174e+04         | 17.198 | 1.01929e+           | 21.651 | 1.2054e+00          | 25.004 |
| UPPER LIMIT      | 2003480             | 17.698 | 2038580             | 22.151 | 2410800             | 25.504 |
| LOWER LIMIT      | 500870              | 16.698 | 509645              | 21.151 | 602700              | 24.504 |
| EPA SAMPLE NO.   |                     |        |                     |        |                     |        |
| 01 PB160503BL    | 1.36077             | 17.19  | 1.34717e+           | 21.65  | 1.70162e+           | 25.02  |
| 02 PT-BNA-SOIL   | 801210              | 17.20  | 779258              | 21.65  | 943346              | 25.01  |
| 03 PT-BNA-SOILDL | 1.03761             | 17.19  | 1.0268e+0           | 21.66  | 1.23127e+           | 25.03  |
| 04 PB160503BS    | 1.14076             | 17.19  | 1.11117e+           | 21.67  | 1.36347e+           | 25.03  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP053024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB160503BS    | n-Nitrosodimethylamine      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 103    |     |
|               | Pyridine                    | 1700  | 1200   | ug/Kg | 71  |     |      |      | 28  | 98     |     |
|               | Benzaldehyde                | 1700  | 330    | ug/Kg | 19  |     |      |      | 10  | 147    |     |
|               | Aniline                     | 1700  | 990    | ug/Kg | 58  |     |      |      | 38  | 100    |     |
|               | Phenol                      | 1700  | 1300   | ug/Kg | 76  |     |      |      | 62  | 112    |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60  | 101    |     |
|               | 2-Chlorophenol              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 65  | 112    |     |
|               | 1,2-Dichlorobenzene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 51  | 102    |     |
|               | 1,3-Dichlorobenzene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 52  | 99     |     |
|               | 1,4-Dichlorobenzene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 52  | 100    |     |
|               | Benzyl Alcohol              | 1700  | 1300   | ug/Kg | 76  |     |      |      | 42  | 116    |     |
|               | 2-Methylphenol              | 1700  | 1300   | ug/Kg | 76  |     |      |      | 61  | 108    |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1300   | ug/Kg | 76  |     |      |      | 51  | 100    |     |
|               | Acetophenone                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 55  | 104    |     |
|               | 3+4-Methylphenols           | 1700  | 1200   | ug/Kg | 71  |     |      |      | 58  | 111    |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1200   | ug/Kg | 71  |     |      |      | 63  | 95     |     |
|               | Hexachloroethane            | 1700  | 1400   | ug/Kg | 82  |     |      |      | 72  | 108    |     |
|               | Nitrobenzene                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 101    |     |
|               | Isophorone                  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 59  | 99     |     |
|               | 2-Nitrophenol               | 1700  | 1300   | ug/Kg | 76  |     |      |      | 61  | 111    |     |
|               | 2,4-Dimethylphenol          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 67  | 119    |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 53  | 105    |     |
|               | 2,4-Dichlorophenol          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62  | 107    |     |
|               | 1,2,4-Trichlorobenzene      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 44  | 110    |     |
|               | Benzoic acid                | 1700  | 1100   | ug/Kg | 65  |     |      |      | 10  | 140    |     |
|               | Naphthalene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62  | 100    |     |
|               | 4-Chloroaniline             | 1700  | 630    | ug/Kg | 37  |     |      |      | 16  | 100    |     |
|               | Hexachlorobutadiene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 53  | 98     |     |
|               | Caprolactam                 | 1700  | 1100   | ug/Kg | 65  |     | *    |      | 67  | 110    |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1200   | ug/Kg | 71  |     |      |      | 58  | 112    |     |
|               | 2-Methylnaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60  | 104    |     |
|               | Hexachlorocyclopentadiene   | 3300  | 4500   | ug/Kg | 136 |     | *    |      | 45  | 134    |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 102    |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61  | 98     |     |
|               | 1,1-Biphenyl                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 103    |     |
|               | 2-Chloronaphthalene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 58  | 99     |     |
|               | 2-Nitroaniline              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 66  | 101    |     |
|               | Dimethylphthalate           | 1700  | 1300   | ug/Kg | 76  |     |      |      | 61  | 99     |     |
|               | Acenaphthylene              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 101    |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1300   | ug/Kg | 76  |     |      |      | 61  | 104    |     |
|               | 3-Nitroaniline              | 1700  | 910    | ug/Kg | 54  |     |      |      | 28  | 100    |     |
|               | Acenaphthene                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 57  | 104    |     |
|               | Total PAH                   | 27200 | 23900  | ug/Kg | 88  |     |      |      | 57  | 104    |     |
|               | 2,4-Dinitrophenol           | 3300  | 2200   | ug/Kg | 67  |     |      |      | 37  | 128    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BP053024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                        | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                                  |       |        |       |     |     |      | Qual | Low    | High |     |
| PB160503BS    | 4-Nitrophenol                    | 3300  | 2800   | ug/Kg | 85  |     |      |      | 48     | 119  |     |
|               | Dibenzofuran                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 63     | 99   |     |
|               | 2,4-Dinitrotoluene               | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60     | 106  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitroto | 3400  | 2600   | ug/Kg | 76  |     |      |      | 60     | 106  |     |
|               | Diethylphthalate                 | 1700  | 1200   | ug/Kg | 71  |     |      |      | 60     | 101  |     |
|               | 4-Chlorophenyl-phenylether       | 1700  | 1300   | ug/Kg | 76  |     |      |      | 58     | 98   |     |
|               | Fluorene                         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 61     | 101  |     |
|               | 4-Nitroaniline                   | 1700  | 1200   | ug/Kg | 71  |     |      |      | 64     | 103  |     |
|               | 4,6-Dinitro-2-methylphenol       | 1700  | 1300   | ug/Kg | 76  |     |      |      | 76     | 113  |     |
|               | N-Nitrosodiphenylamine           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 56     | 107  |     |
|               | Azobenzene                       | 1700  | 1300   | ug/Kg | 76  |     |      |      | 54     | 103  |     |
|               | 4-Bromophenyl-phenylether        | 1700  | 1400   | ug/Kg | 82  |     |      |      | 55     | 99   |     |
|               | Hexachlorobenzene                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 64     | 98   |     |
|               | Atrazine                         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 67     | 113  |     |
|               | Pentachlorophenol                | 3300  | 2700   | ug/Kg | 82  |     |      |      | 67     | 105  |     |
|               | Phenanthrene                     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Anthracene                       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 105  |     |
|               | Carbazole                        | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61     | 99   |     |
|               | Di-n-butylphthalate              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 58     | 104  |     |
|               | Fluoranthene                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57     | 107  |     |
|               | Benzidine                        | 3300  | 670    | ug/Kg | 20  |     |      |      | 10     | 98   |     |
|               | Pyrene                           | 1700  | 1200   | ug/Kg | 71  |     |      |      | 59     | 103  |     |
|               | Butylbenzylphthalate             | 1700  | 1200   | ug/Kg | 71  |     |      |      | 55     | 103  |     |
|               | 3,3-Dichlorobenzidine            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 42     | 91   |     |
|               | Benzo(a)anthracene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60     | 102  |     |
|               | Chrysene                         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 101  |     |
|               | bis(2-Ethylhexyl)phthalate       | 1700  | 1300   | ug/Kg | 76  |     |      |      | 63     | 111  |     |
|               | Di-n-octyl phthalate             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 70     | 108  |     |
|               | Benzo(b)fluoranthene             | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62     | 109  |     |
|               | Benzo(k)fluoranthene             | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene                   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene           | 1700  | 1900   | ug/Kg | 112 |     | *    |      | 63     | 101  |     |
|               | Dibenz(a,h)anthracene            | 1700  | 1800   | ug/Kg | 106 |     |      |      | 61     | 112  |     |
|               | Benzo(g,h,i)perylene             | 1700  | 1800   | ug/Kg | 106 |     |      |      | 70     | 108  |     |
|               | 1,2,4,5-Tetrachlorobenzene       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 53     | 101  |     |
|               | 1,4-Dioxane                      | 1700  | 1300   | ug/Kg | 76  |     |      |      | 50     | 96   |     |
|               | 2,3,4,6-Tetrachlorophenol        | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59     | 108  |     |
|               | 1-Methylnaphthalene              | 1700  | 1200   | ug/Kg | 71  |     |      |      | 70     | 130  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160503BL

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BP053024

SAS No.: BP053024 SDG NO.: BP053024

Lab File ID: BP020481.D

Lab Sample ID: PB160503BL

Instrument ID: BNA\_P

Date Extracted: 04/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/30/2024

Level: (low/med) LOW

Time Analyzed: 10:43

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PT-BNA-SOIL       | P2252-11         | BP020482.D     | 05/30/2024       |
| PB160503BS        | PB160503BS       | BP020484.D     | 05/30/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

## Surrogate Summary

SW-846

SDG No.: **BP053024**

Client: \_\_\_\_\_

Analytical Method: **8270E**

| Lab Sample ID | Client ID     | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |               |            |                      |                |                 |              |      | Low        | High |
| P2252-11      | PT-BNA-SOIL   | BP020482.D | 2-Fluorophenol       | 150            | 113.86          | 76           |      | 18         | 112  |
|               |               |            | Phenol-d6            | 150            | 105.17          | 70           |      | 15         | 107  |
|               |               |            | Nitrobenzene-d5      | 100            | 79.82           | 80           |      | 18         | 107  |
|               |               |            | 2-Fluorobiphenyl     | 100            | 84.27           | 84           |      | 20         | 109  |
|               |               |            | 2,4,6-Tribromophenol | 150            | 112.25          | 75           |      | 10         | 110  |
|               |               |            | Terphenyl-d14        | 100            | 75.18           | 75           |      | 14         | 112  |
| P2252-11DL    | PT-BNA-SOILDL | BP020483.D | 2-Fluorophenol       | 150            | 114.01          | 76           |      | 18         | 112  |
|               |               |            | Phenol-d6            | 150            | 106.54          | 71           |      | 15         | 107  |
|               |               |            | Nitrobenzene-d5      | 100            | 76.41           | 76           |      | 18         | 107  |
|               |               |            | 2-Fluorobiphenyl     | 100            | 85.67           | 86           |      | 20         | 109  |
|               |               |            | 2,4,6-Tribromophenol | 150            | 100.25          | 67           |      | 10         | 110  |
|               |               |            | Terphenyl-d14        | 100            | 77.74           | 78           |      | 14         | 112  |
| PB160503BL    | PB160503BL    | BP020481.D | 2-Fluorophenol       | 150            | 131.30          | 88           |      | 18         | 112  |
|               |               |            | Phenol-d6            | 150            | 115.45          | 77           |      | 15         | 107  |
|               |               |            | Nitrobenzene-d5      | 100            | 86.01           | 86           |      | 18         | 107  |
|               |               |            | 2-Fluorobiphenyl     | 100            | 90.35           | 90           |      | 20         | 109  |
|               |               |            | 2,4,6-Tribromophenol | 150            | 115.98          | 77           |      | 10         | 110  |
|               |               |            | Terphenyl-d14        | 100            | 68.33           | 68           |      | 14         | 112  |
| PB160503BS    | PB160503BS    | BP020484.D | 2-Fluorophenol       | 150            | 135.64          | 90           |      | 18         | 112  |
|               |               |            | Phenol-d6            | 150            | 114.60          | 76           |      | 15         | 107  |
|               |               |            | Nitrobenzene-d5      | 100            | 84.15           | 84           |      | 18         | 107  |
|               |               |            | 2-Fluorobiphenyl     | 100            | 85.82           | 86           |      | 20         | 109  |
|               |               |            | 2,4,6-Tribromophenol | 150            | 118.98          | 79           |      | 10         | 110  |
|               |               |            | Terphenyl-d14        | 100            | 70.43           | 70           |      | 14         | 112  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP053024

Lab Code: CHEM

SAS No.: BP053024

SDG NO.: BP053024

Lab File ID: BP020479.D

DFTPP Injection Date: 05/30/2024

Instrument ID: BNA\_P

DFTPP Injection Time: 09:17

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 34.7                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 34                   |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 42.2                 |
| 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           | 26.8                 |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 13                   |
| 442 | Greater than 50% of mass 198       | 83.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.8 ( 18.9 ) 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       | BP020480.D     | 05/30/2024       | 10:01            |
| PB160503BL        | PB160503BL       | BP020481.D     | 05/30/2024       | 10:43            |
| PT-BNA-SOIL       | P2252-11         | BP020482.D     | 05/30/2024       | 11:31            |
| PT-BNA-SOILDL     | P2252-11DL       | BP020483.D     | 05/30/2024       | 12:25            |
| PB160503BS        | PB160503BS       | BP020484.D     | 05/30/2024       | 13:48            |
| SSTDCCC040EC      | SSTDCCC040       | BP020485.D     | 05/30/2024       | 14:46            |