CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 12:46

Lab File ID: BN031268.D Init. Calib. Date(s):

EPA Sample No.: SSTD020386 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.454 | 0.409 | 0.010 | -9.9218 | 40.0 |
| Benzaldehyde | 0.828 | 0.889 | 0.010 | 7.3118 | 40.0 |
| Pyridine | 1.244 | 1.089 | 0.010 | -12.4835 | 40.0 |
| Phenol | 1.739 | 1.487 | 0.080 | -14.5184 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.372 | 1.250 | 0.100 | -8.9441 | 20.0 |
| 2-Chlorophenol | 1.365 | 1.225 | 0.200 | -10.2578 | 20.0 |
| 2-Methylphenol | 1.348 | 1.184 | 0.010 | -12.1332 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.789 | 1.668 | 0.010 | -6.8019 | 40.0 |
| Acetophenone | 2.198 | 1.975 | 0.060 | -10.18 | 20.0 |
| 4-Methylphenol | 1.510 | 1.311 | 0.010 | -13.1631 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.096 | 1.009 | 0.050 | -7.8727 | 30.0 |
| Hexachloroethane | 0.567 | 0.502 | 0.100 | -11.3398 | 20.0 |
| Nitrobenzene | 0.339 | 0.291 | 0.050 | -14.1425 | 25.0 |
| Isophorone | 0.692 | 0.613 | 0.050 | -11.4677 | 25.0 |
| 2-Nitrophenol | 0.165 | 0.155 | 0.050 | -6.3501 | 25.0 |
| 2,4-Dimethylphenol | 0.337 | 0.283 | 0.050 | -16.1056 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.420 | 0.373 | 0.050 | -11.248 | 20.0 |
| 2,4-Dichlorophenol | 0.294 | 0.253 | 0.060 | -14.0923 | 20.0 |
| Naphthalene | 1.037 | 0.885 | 0.200 | -14.653 | 20.0 |
| 4-Chloroaniline | 0.447 | 0.377 | 0.010 | -15.6986 | 40.0 |
| Hexachlorobutadiene | 0.179 | 0.153 | 0.040 | -14.7843 | 30.0 |
| Caprolactam | 0.116 | 0.097 | 0.010 | -15.9241 | 40.0 |
| 4-Chloro-3-methylphenol | 0.341 | 0.297 | 0.040 | -12.8384 | 25.0 |
| 1-Methylnaphthalene | 0.740 | 0.635 | 0.100 | -14.164 | 20.0 |
| 2-Methylnaphthalene | 0.731 | 0.632 | 0.100 | -13.6008 | 20.0 |
| Hexachlorocyclopentadiene | 0.287 | 0.201 | 0.010 | -29.912 | 40.0 |
| 2,4,6-Trichlorophenol | 0.348 | 0.322 | 0.090 | -7.653 | 25.0 |
| 2,4,5-Trichlorophenol | 0.386 | 0.344 | 0.100 | -10.978 | 25.0 |
| 1,1-Biphenyl | 1.376 | 1.200 | 0.200 | -12.7686 | 20.0 |
| 2-Chloronaphthalene | 1.099 | 0.942 | 0.300 | -14.3041 | 20.0 |
| 2-Nitroaniline | 0.303 | 0.283 | 0.050 | -6.5837 | 40.0 |
| Dimethylphthalate | 1.436 | 1.262 | 0.300 | -12.1298 | 20.0 |
| 2,6-Dinitrotoluene | 0.270 | 0.259 | 0.080 | -3.7874 | 30.0 |
| Acenaphthylene | 1.842 | 1.607 | 0.400 | -12.7514 | 20.0 |
| 3-Nitroaniline | 0.309 | 0.285 | 0.010 | -7.7633 | 40.0 |
| Acenaphthene | 1.221 | 1.047 | 0.200 | -14.2702 | 20.0 |
| 2,4-Dinitrophenol | 0.152 | 0.131 | 0.010 | -13.7477 | 40.0 |
| 4-Nitrophenol | 0.236 | 0.192 | 0.010 | -18.7451 | 40.0 |
| Dibenzofuran | 1.689 | 1.449 | 0.300 | -14.1578 | 20.0 |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 12:46

Lab File ID: BN031268.D Init. Calib. Date(s):

EPA Sample No.: SSTD020386 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.410 | 0.378 | 0.070 | -7.7539 | 30.0 |
| Diethylphthalate | 1.477 | 1.309 | 0.300 | -11.3757 | 20.0 |
| Fluorene | 1.390 | 1.171 | 0.200 | -15.7607 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.662 | 0.568 | 0.100 | -14.2229 | 20.0 |
| 4-Nitroaniline | 0.334 | 0.303 | 0.010 | -9.2989 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.108 | 0.102 | 0.010 | -6.0472 | 40.0 |
| N-Nitrosodiphenylamine | 0.536 | 0.472 | 0.050 | -11.9072 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.523 | 0.454 | 0.100 | -13.1815 | 20.0 |
| 4-Bromophenyl-phenylether | 0.189 | 0.170 | 0.070 | -9.8798 | 20.0 |
| Hexachlorobenzene | 0.218 | 0.191 | 0.050 | -12.5671 | 25.0 |
| Atrazine | 0.188 | 0.168 | 0.010 | -10.5973 | 25.0 |
| Pentachlorophenol | 0.142 | 0.122 | 0.010 | -14.0065 | 40.0 |
| Phenanthrene | 1.058 | 0.886 | 0.200 | -16.2099 | 20.0 |
| Pentachlorobenzene | 0.242 | 0.211 | 0.050 | -12.9447 | 20.0 |
| Anthracene | 1.071 | 0.894 | 0.200 | -16.4797 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.235 | 0.210 | 0.050 | -10.4066 | 20.0 |
| Carbazole | 0.978 | 0.841 | 0.050 | -13.9794 | 40.0 |
| Di-n-butylphthalate | 1.192 | 1.087 | 0.500 | -8.7714 | 25.0 |
| Fluoranthene | 1.163 | 1.165 | 0.400 | 0.1638 | 25.0 |
| Pyrene | 1.222 | 1.214 | 0.400 | -0.679 | 25.0 |
| Butylbenzylphthalate | 0.539 | 0.556 | 0.100 | 3.0852 | 40.0 |
| 3,3-Dichlorobenzidine | 0.417 | 0.355 | 0.010 | -14.8427 | 40.0 |
| Benzo(a)anthracene | 1.358 | 1.199 | 0.300 | -11.699 | 30.0 |
| Chrysene | 1.289 | 1.126 | 0.200 | -12.6774 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.810 | 0.797 | 0.200 | -1.5786 | 40.0 |
| Di-n-octyl phthalate | 1.153 | 1.281 | 0.010 | 11.111 | 40.0 |
| Benzo(b)fluoranthene | 1.125 | 1.072 | 0.200 | -4.7761 | 25.0 |
| Benzo(k)fluoranthene | 1.132 | 1.044 | 0.200 | -7.7316 | 25.0 |
| Benzo(a)pyrene | 1.123 | 0.979 | 0.200 | -12.7748 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.393 | 1.119 | 0.200 | -19.6641 | 25.0 |
| Dibenzo(a,h)anthracene | 1.143 | 0.915 | 0.200 | -19.9676 | 30.0 |
| Benzo(g,h,i)perylene | 1.122 | 0.894 | 0.200 | -20.2916 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.334 | 0.301 | 0.040 | -9.73 | 20.0 |
| 1,4-Dioxane-d8 | 0.428 | 0.375 | 0.010 | -12.3491 | 25.0 |
| Pyridine-d5 | 1.233 | 1.121 | 0.010 | -9.0349 | 40.0 |
| Phenol-d5 | 1.687 | 1.462 | 0.010 | -13.3372 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 0.982 | 0.883 | 0.050 | -10.0886 | 25.0 |
| 2-Chlorophenol-d4 | 1.314 | 1.175 | 0.200 | -10.5677 | 20.0 |
| 4-Methylphenol-d8 | 1.419 | 1.225 | 0.010 | -13.6767 | 20.0 |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 12:46

Lab File ID: BN031268.D Init. Calib. Date(s):

EPA Sample No.: SSTD020386 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.144 | 0.127 | 0.050 | -11.5238 | 20.0 |
| 2-Nitrophenol-d4 | 0.149 | 0.142 | 0.050 | -4.8242 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.295 | 0.253 | 0.060 | -14.0361 | 20.0 |
| 4-Chloroaniline-d4 | 0.460 | 0.386 | 0.010 | -16.0908 | 40.0 |
| Dimethylphthalate-d6 | 1.392 | 1.241 | 0.300 | -10.8465 | 20.0 |
| Acenaphthylene-d8 | 1.577 | 1.397 | 0.400 | -11.4456 | 20.0 |
| 4-Nitrophenol-d4 | 0.290 | 0.249 | 0.010 | -14.4029 | 40.0 |
| Fluorene-d10 | 1.212 | 1.044 | 0.100 | -13.7891 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.101 | 0.093 | 0.010 | -8.0455 | 40.0 |
| Anthracene-d10 | 0.867 | 0.749 | 0.300 | -13.6473 | 20.0 |
| Pyrene-d10 | 0.983 | 0.974 | 0.300 | -0.9291 | 25.0 |
| Benzo(a)pyrene-d12 | 0.948 | 0.845 | 0.010 | -10.9312 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 22:40

Lab File ID: BN031282.D Init. Calib. Date(s):

EPA Sample No.: SSTD020387 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.454 | 0.393 | 0.010 | -13.3279 | 40.0 |
| Benzaldehyde | 0.828 | 0.888 | 0.010 | 7.1991 | 40.0 |
| Pyridine | 1.244 | 1.107 | 0.010 | -11.0432 | 40.0 |
| Phenol | 1.739 | 1.520 | 0.080 | -12.6149 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.372 | 1.235 | 0.100 | -9.9861 | 20.0 |
| 2-Chlorophenol | 1.365 | 1.230 | 0.200 | -9.9177 | 20.0 |
| 2-Methylphenol | 1.348 | 1.205 | 0.010 | -10.6413 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.789 | 1.640 | 0.010 | -8.354 | 40.0 |
| Acetophenone | 2.198 | 1.986 | 0.060 | -9.6602 | 20.0 |
| 4-Methylphenol | 1.510 | 1.338 | 0.010 | -11.3818 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.096 | 1.000 | 0.050 | -8.7298 | 30.0 |
| Hexachloroethane | 0.567 | 0.498 | 0.100 | -12.1579 | 20.0 |
| Nitrobenzene | 0.339 | 0.298 | 0.050 | -12.2044 | 25.0 |
| Isophorone | 0.692 | 0.605 | 0.050 | -12.5749 | 25.0 |
| 2-Nitrophenol | 0.165 | 0.154 | 0.050 | -6.9878 | 25.0 |
| 2,4-Dimethylphenol | 0.337 | 0.291 | 0.050 | -13.7829 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.420 | 0.367 | 0.050 | -12.6334 | 20.0 |
| 2,4-Dichlorophenol | 0.294 | 0.257 | 0.060 | -12.4965 | 20.0 |
| Naphthalene | 1.037 | 0.877 | 0.200 | -15.4267 | 20.0 |
| 4-Chloroaniline | 0.447 | 0.374 | 0.010 | -16.275 | 40.0 |
| Hexachlorobutadiene | 0.179 | 0.154 | 0.040 | -14.1212 | 30.0 |
| Caprolactam | 0.116 | 0.097 | 0.010 | -16.7117 | 40.0 |
| 4-Chloro-3-methylphenol | 0.341 | 0.299 | 0.040 | -12.214 | 25.0 |
| 1-Methylnaphthalene | 0.740 | 0.632 | 0.100 | -14.5359 | 20.0 |
| 2-Methylnaphthalene | 0.731 | 0.626 | 0.100 | -14.4246 | 20.0 |
| Hexachlorocyclopentadiene | 0.287 | 0.240 | 0.010 | -16.4982 | 40.0 |
| 2,4,6-Trichlorophenol | 0.348 | 0.317 | 0.090 | -9.0765 | 25.0 |
| 2,4,5-Trichlorophenol | 0.386 | 0.342 | 0.100 | -11.3554 | 25.0 |
| 1,1-Biphenyl | 1.376 | 1.211 | 0.200 | -11.9682 | 20.0 |
| 2-Chloronaphthalene | 1.099 | 0.943 | 0.300 | -14.2316 | 20.0 |
| 2-Nitroaniline | 0.303 | 0.277 | 0.050 | -8.5476 | 40.0 |
| Dimethylphthalate | 1.436 | 1.233 | 0.300 | -14.1017 | 20.0 |
| 2,6-Dinitrotoluene | 0.270 | 0.253 | 0.080 | -6.0905 | 30.0 |
| Acenaphthylene | 1.842 | 1.572 | 0.400 | -14.6432 | 20.0 |
| 3-Nitroaniline | 0.309 | 0.283 | 0.010 | -8.5927 | 40.0 |
| Acenaphthene | 1.221 | 1.042 | 0.200 | -14.7008 | 20.0 |
| 2,4-Dinitrophenol | 0.152 | 0.130 | 0.010 | -15.024 | 40.0 |
| 4-Nitrophenol | 0.236 | 0.194 | 0.010 | -17.612 | 40.0 |
| Dibenzofuran | 1.689 | 1.417 | 0.300 | -16.1051 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 22:40

Lab File ID: BN031282.D Init. Calib. Date(s):

EPA Sample No.: SSTD020387 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.410 | 0.372 | 0.070 | -9.1046 | 30.0 |
| Diethylphthalate | 1.477 | 1.286 | 0.300 | -12.8847 | 20.0 |
| Fluorene | 1.390 | 1.158 | 0.200 | -16.6996 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.662 | 0.565 | 0.100 | -14.577 | 20.0 |
| 4-Nitroaniline | 0.334 | 0.303 | 0.010 | -9.0234 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.108 | 0.098 | 0.010 | -9.2574 | 40.0 |
| N-Nitrosodiphenylamine | 0.536 | 0.468 | 0.050 | -12.7029 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.523 | 0.459 | 0.100 | -12.3504 | 20.0 |
| 4-Bromophenyl-phenylether | 0.189 | 0.170 | 0.070 | -10.1259 | 20.0 |
| Hexachlorobenzene | 0.218 | 0.192 | 0.050 | -11.8847 | 25.0 |
| Atrazine | 0.188 | 0.168 | 0.010 | -10.9895 | 25.0 |
| Pentachlorophenol | 0.142 | 0.122 | 0.010 | -13.918 | 40.0 |
| Phenanthrene | 1.058 | 0.883 | 0.200 | -16.5743 | 20.0 |
| Pentachlorobenzene | 0.242 | 0.214 | 0.050 | -11.8273 | 20.0 |
| Anthracene | 1.071 | 0.903 | 0.200 | -15.6881 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.235 | 0.215 | 0.050 | -8.4804 | 20.0 |
| Carbazole | 0.978 | 0.838 | 0.050 | -14.3397 | 40.0 |
| Di-n-butylphthalate | 1.192 | 1.057 | 0.500 | -11.342 | 25.0 |
| Fluoranthene | 1.163 | 1.167 | 0.400 | 0.2923 | 25.0 |
| Pyrene | 1.222 | 1.221 | 0.400 | -0.0631 | 25.0 |
| Butylbenzylphthalate | 0.539 | 0.548 | 0.100 | 1.5405 | 40.0 |
| 3,3-Dichlorobenzidine | 0.417 | 0.374 | 0.010 | -10.317 | 40.0 |
| Benzo(a)anthracene | 1.358 | 1.200 | 0.300 | -11.6106 | 30.0 |
| Chrysene | 1.289 | 1.101 | 0.200 | -14.6293 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.810 | 0.781 | 0.200 | -3.526 | 40.0 |
| Di-n-octyl phthalate | 1.153 | 1.308 | 0.010 | 13.486 | 40.0 |
| Benzo(b)fluoranthene | 1.125 | 1.033 | 0.200 | -8.237 | 25.0 |
| Benzo(k)fluoranthene | 1.132 | 1.074 | 0.200 | -5.0756 | 25.0 |
| Benzo(a)pyrene | 1.123 | 0.988 | 0.200 | -12.0054 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.393 | 1.076 | 0.200 | -22.7718 | 25.0 |
| Dibenzo(a,h)anthracene | 1.143 | 0.891 | 0.200 | -22.061 | 30.0 |
| Benzo(g,h,i)perylene | 1.122 | 0.844 | 0.200 | -24.7743 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.334 | 0.293 | 0.040 | -12.2662 | 20.0 |
| 1,4-Dioxane-d8 | 0.428 | 0.382 | 0.010 | -10.7254 | 25.0 |
| Pyridine-d5 | 1.233 | 1.128 | 0.010 | -8.4868 | 40.0 |
| Phenol-d5 | 1.687 | 1.482 | 0.010 | -12.1756 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 0.982 | 0.877 | 0.050 | -10.6804 | 25.0 |
| 2-Chlorophenol-d4 | 1.314 | 1.181 | 0.200 | -10.1325 | 20.0 |
| 4-Methylphenol-d8 | 1.419 | 1.270 | 0.010 | -10.4819 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/27/2024 12 22:40

Lab File ID: BN031282.D Init. Calib. Date(s):

EPA Sample No.: SSTD020387 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.144 | 0.129 | 0.050 | -10.3739 | 20.0 |
| 2-Nitrophenol-d4 | 0.149 | 0.141 | 0.050 | -5.8988 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.295 | 0.258 | 0.060 | -12.5584 | 20.0 |
| 4-Chloroaniline-d4 | 0.460 | 0.394 | 0.010 | -14.3576 | 40.0 |
| Dimethylphthalate-d6 | 1.392 | 1.191 | 0.300 | -14.4357 | 20.0 |
| Acenaphthylene-d8 | 1.577 | 1.379 | 0.400 | -12.5632 | 20.0 |
| 4-Nitrophenol-d4 | 0.290 | 0.243 | 0.010 | -16.4718 | 40.0 |
| Fluorene-d10 | 1.212 | 1.028 | 0.100 | -15.1371 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.101 | 0.093 | 0.010 | -7.5749 | 40.0 |
| Anthracene-d10 | 0.867 | 0.737 | 0.300 | -14.9262 | 20.0 |
| Pyrene-d10 | 0.983 | 0.981 | 0.300 | -0.2154 | 25.0 |
| Benzo(a)pyrene-d12 | 0.948 | 0.842 | 0.010 | -11.1929 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 05:56

Lab File ID: BN031292.D Init. Calib. Date(s):

EPA Sample No.: SSTD020388 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.454 | 0.385 | 0.010 | -15.1209 | 40.0 |
| Benzaldehyde | 0.828 | 0.887 | 0.010 | 7.0611 | 40.0 |
| Pyridine | 1.244 | 1.107 | 0.010 | -11.0256 | 40.0 |
| Phenol | 1.739 | 1.512 | 0.080 | -13.0696 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.372 | 1.240 | 0.100 | -9.6164 | 20.0 |
| 2-Chlorophenol | 1.365 | 1.227 | 0.200 | -10.1402 | 20.0 |
| 2-Methylphenol | 1.348 | 1.176 | 0.010 | -12.7387 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.789 | 1.668 | 0.010 | -6.7659 | 40.0 |
| Acetophenone | 2.198 | 1.985 | 0.060 | -9.7219 | 20.0 |
| 4-Methylphenol | 1.510 | 1.321 | 0.010 | -12.5276 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.096 | 1.007 | 0.050 | -8.069 | 30.0 |
| Hexachloroethane | 0.567 | 0.505 | 0.100 | -10.9041 | 20.0 |
| Nitrobenzene | 0.339 | 0.300 | 0.050 | -11.5128 | 25.0 |
| Isophorone | 0.692 | 0.609 | 0.050 | -11.9735 | 25.0 |
| 2-Nitrophenol | 0.165 | 0.153 | 0.050 | -7.1197 | 25.0 |
| 2,4-Dimethylphenol | 0.337 | 0.289 | 0.050 | -14.2512 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.420 | 0.373 | 0.050 | -11.2425 | 20.0 |
| 2,4-Dichlorophenol | 0.294 | 0.259 | 0.060 | -12.0695 | 20.0 |
| Naphthalene | 1.037 | 0.879 | 0.200 | -15.2073 | 20.0 |
| 4-Chloroaniline | 0.447 | 0.378 | 0.010 | -15.516 | 40.0 |
| Hexachlorobutadiene | 0.179 | 0.152 | 0.040 | -15.11 | 30.0 |
| Caprolactam | 0.116 | 0.097 | 0.010 | -15.9003 | 40.0 |
| 4-Chloro-3-methylphenol | 0.341 | 0.304 | 0.040 | -10.9545 | 25.0 |
| 1-Methylnaphthalene | 0.740 | 0.627 | 0.100 | -15.1828 | 20.0 |
| 2-Methylnaphthalene | 0.731 | 0.629 | 0.100 | -13.9606 | 20.0 |
| Hexachlorocyclopentadiene | 0.287 | 0.236 | 0.010 | -17.8854 | 40.0 |
| 2,4,6-Trichlorophenol | 0.348 | 0.316 | 0.090 | -9.264 | 25.0 |
| 2,4,5-Trichlorophenol | 0.386 | 0.344 | 0.100 | -11.0216 | 25.0 |
| 1,1-Biphenyl | 1.376 | 1.197 | 0.200 | -12.9966 | 20.0 |
| 2-Chloronaphthalene | 1.099 | 0.937 | 0.300 | -14.7432 | 20.0 |
| 2-Nitroaniline | 0.303 | 0.282 | 0.050 | -7.0077 | 40.0 |
| Dimethylphthalate | 1.436 | 1.228 | 0.300 | -14.4613 | 20.0 |
| 2,6-Dinitrotoluene | 0.270 | 0.253 | 0.080 | -6.007 | 30.0 |
| Acenaphthylene | 1.842 | 1.597 | 0.400 | -13.3371 | 20.0 |
| 3-Nitroaniline | 0.309 | 0.286 | 0.010 | -7.4154 | 40.0 |
| Acenaphthene | 1.221 | 1.027 | 0.200 | -15.9264 | 20.0 |
| 2,4-Dinitrophenol | 0.152 | 0.126 | 0.010 | -17.4967 | 40.0 |
| 4-Nitrophenol | 0.236 | 0.193 | 0.010 | -18.2645 | 40.0 |
| Dibenzofuran | 1.689 | 1.432 | 0.300 | -15.1911 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 05:56

Lab File ID: BN031292.D Init. Calib. Date(s):

EPA Sample No.: SSTD020388 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.410 | 0.378 | 0.070 | -7.7163 | 30.0 |
| Diethylphthalate | 1.477 | 1.275 | 0.300 | -13.6662 | 20.0 |
| Fluorene | 1.390 | 1.159 | 0.200 | -16.5699 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.662 | 0.558 | 0.100 | -15.6647 | 20.0 |
| 4-Nitroaniline | 0.334 | 0.304 | 0.010 | -9.0102 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.108 | 0.099 | 0.010 | -9.0203 | 40.0 |
| N-Nitrosodiphenylamine | 0.536 | 0.457 | 0.050 | -14.7256 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.523 | 0.444 | 0.100 | -15.2232 | 20.0 |
| 4-Bromophenyl-phenylether | 0.189 | 0.163 | 0.070 | -13.9787 | 20.0 |
| Hexachlorobenzene | 0.218 | 0.192 | 0.050 | -11.8149 | 25.0 |
| Atrazine | 0.188 | 0.164 | 0.010 | -13.0877 | 25.0 |
| Pentachlorophenol | 0.142 | 0.118 | 0.010 | -16.3636 | 40.0 |
| Phenanthrene | 1.058 | 0.889 | 0.200 | -15.951 | 20.0 |
| Pentachlorobenzene | 0.242 | 0.206 | 0.050 | -15.1045 | 20.0 |
| Anthracene | 1.071 | 0.905 | 0.200 | -15.4259 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.235 | 0.206 | 0.050 | -12.399 | 20.0 |
| Carbazole | 0.978 | 0.828 | 0.050 | -15.2939 | 40.0 |
| Di-n-butylphthalate | 1.192 | 1.051 | 0.500 | -11.7917 | 25.0 |
| Fluoranthene | 1.163 | 1.158 | 0.400 | -0.4758 | 25.0 |
| Pyrene | 1.222 | 1.173 | 0.400 | -4.0201 | 25.0 |
| Butylbenzylphthalate | 0.539 | 0.531 | 0.100 | -1.496 | 40.0 |
| 3,3-Dichlorobenzidine | 0.417 | 0.353 | 0.010 | -15.2448 | 40.0 |
| Benzo(a)anthracene | 1.358 | 1.143 | 0.300 | -15.8376 | 30.0 |
| Chrysene | 1.289 | 1.062 | 0.200 | -17.6447 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.810 | 0.749 | 0.200 | -7.5029 | 40.0 |
| Di-n-octyl phthalate | 1.153 | 1.278 | 0.010 | 10.8694 | 40.0 |
| Benzo(b)fluoranthene | 1.125 | 1.054 | 0.200 | -6.3116 | 25.0 |
| Benzo(k)fluoranthene | 1.132 | 1.066 | 0.200 | -5.8365 | 25.0 |
| Benzo(a)pyrene | 1.123 | 0.969 | 0.200 | -13.7153 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.393 | 1.036 | 0.200 | -25.6102 | 25.0 |
| Dibenzo(a,h)anthracene | 1.143 | 0.860 | 0.200 | -24.7662 | 30.0 |
| Benzo(g,h,i)perylene | 1.122 | 0.802 | 0.200 | -28.5116 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.334 | 0.296 | 0.040 | -11.4066 | 20.0 |
| 1,4-Dioxane-d8 | 0.428 | 0.367 | 0.010 | -14.3761 | 25.0 |
| Pyridine-d5 | 1.233 | 1.125 | 0.010 | -8.75 | 40.0 |
| Phenol-d5 | 1.687 | 1.460 | 0.010 | -13.4352 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 0.982 | 0.880 | 0.050 | -10.3599 | 25.0 |
| 2-Chlorophenol-d4 | 1.314 | 1.169 | 0.200 | -11.0283 | 20.0 |
| 4-Methylphenol-d8 | 1.419 | 1.237 | 0.010 | -12.8429 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 05:56

Lab File ID: BN031292.D Init. Calib. Date(s):

EPA Sample No.: SSTD020388 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.144 | 0.129 | 0.050 | -10.4966 | 20.0 |
| 2-Nitrophenol-d4 | 0.149 | 0.142 | 0.050 | -4.9652 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.295 | 0.259 | 0.060 | -12.213 | 20.0 |
| 4-Chloroaniline-d4 | 0.460 | 0.386 | 0.010 | -16.1512 | 40.0 |
| Dimethylphthalate-d6 | 1.392 | 1.209 | 0.300 | -13.103 | 20.0 |
| Acenaphthylene-d8 | 1.577 | 1.368 | 0.400 | -13.2745 | 20.0 |
| 4-Nitrophenol-d4 | 0.290 | 0.242 | 0.010 | -16.8584 | 40.0 |
| Fluorene-d10 | 1.212 | 1.025 | 0.100 | -15.4256 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.101 | 0.091 | 0.010 | -9.8267 | 40.0 |
| Anthracene-d10 | 0.867 | 0.740 | 0.300 | -14.62 | 20.0 |
| Pyrene-d10 | 0.983 | 0.952 | 0.300 | -3.0949 | 25.0 |
| Benzo(a)pyrene-d12 | 0.948 | 0.824 | 0.010 | -13.1521 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 12:32

Lab File ID: BN031301.D Init. Calib. Date(s):

EPA Sample No.: SSTD020389 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.454 | 0.395 | 0.010 | -12.9026 | 50.0 |
| Benzaldehyde | 0.828 | 0.913 | 0.010 | 10.2329 | 50.0 |
| Pyridine | 1.244 | 1.129 | 0.010 | -9.2375 | 50.0 |
| Phenol | 1.739 | 1.546 | 0.080 | -11.0929 | 50.0 |
| Bis(2-Chloroethyl)ether | 1.372 | 1.267 | 0.100 | -7.6933 | 50.0 |
| 2-Chlorophenol | 1.365 | 1.247 | 0.200 | -8.6867 | 50.0 |
| 2-Methylphenol | 1.348 | 1.190 | 0.010 | -11.7286 | 50.0 |
| 2,2-oxybis(1-Chloropropane) | 1.789 | 1.694 | 0.010 | -5.3157 | 50.0 |
| Acetophenone | 2.198 | 2.008 | 0.060 | -8.6727 | 50.0 |
| 4-Methylphenol | 1.510 | 1.326 | 0.010 | -12.2028 | 50.0 |
| N-Nitroso-di-n-propylamine | 1.096 | 1.019 | 0.050 | -7.0109 | 50.0 |
| Hexachloroethane | 0.567 | 0.506 | 0.100 | -10.6895 | 50.0 |
| Nitrobenzene | 0.339 | 0.307 | 0.050 | -9.5902 | 50.0 |
| Isophorone | 0.692 | 0.619 | 0.050 | -10.5072 | 50.0 |
| 2-Nitrophenol | 0.165 | 0.160 | 0.050 | -3.3331 | 50.0 |
| 2,4-Dimethylphenol | 0.337 | 0.293 | 0.050 | -13.1037 | 50.0 |
| Bis(2-Chloroethoxy)methane | 0.420 | 0.379 | 0.050 | -9.8184 | 50.0 |
| 2,4-Dichlorophenol | 0.294 | 0.261 | 0.060 | -11.434 | 50.0 |
| Naphthalene | 1.037 | 0.902 | 0.200 | -12.9824 | 50.0 |
| 4-Chloroaniline | 0.447 | 0.384 | 0.010 | -14.0604 | 50.0 |
| Hexachlorobutadiene | 0.179 | 0.157 | 0.040 | -12.4561 | 50.0 |
| Caprolactam | 0.116 | 0.096 | 0.010 | -17.0048 | 50.0 |
| 4-Chloro-3-methylphenol | 0.341 | 0.307 | 0.040 | -9.9538 | 50.0 |
| 1-Methylnaphthalene | 0.740 | 0.641 | 0.100 | -13.2746 | 50.0 |
| 2-Methylnaphthalene | 0.731 | 0.641 | 0.100 | -12.3069 | 50.0 |
| Hexachlorocyclopentadiene | 0.287 | 0.235 | 0.010 | -18.0873 | 50.0 |
| 2,4,6-Trichlorophenol | 0.348 | 0.315 | 0.090 | -9.6833 | 50.0 |
| 2,4,5-Trichlorophenol | 0.386 | 0.343 | 0.100 | -11.1572 | 50.0 |
| 1,1-Biphenyl | 1.376 | 1.207 | 0.200 | -12.2655 | 50.0 |
| 2-Chloronaphthalene | 1.099 | 0.946 | 0.300 | -13.9594 | 50.0 |
| 2-Nitroaniline | 0.303 | 0.283 | 0.050 | -6.7464 | 50.0 |
| Dimethylphthalate | 1.436 | 1.239 | 0.300 | -13.7272 | 50.0 |
| 2,6-Dinitrotoluene | 0.270 | 0.253 | 0.080 | -6.2751 | 50.0 |
| Acenaphthylene | 1.842 | 1.587 | 0.400 | -13.8556 | 50.0 |
| 3-Nitroaniline | 0.309 | 0.283 | 0.010 | -8.6954 | 50.0 |
| Acenaphthene | 1.221 | 1.031 | 0.200 | -15.6086 | 50.0 |
| 2,4-Dinitrophenol | 0.152 | 0.124 | 0.010 | -18.7659 | 50.0 |
| 4-Nitrophenol | 0.236 | 0.190 | 0.010 | -19.3476 | 50.0 |
| Dibenzofuran | 1.689 | 1.434 | 0.300 | -15.0613 | 50.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 12:32

Lab File ID: BN031301.D Init. Calib. Date(s):

EPA Sample No.: SSTD020389 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.410 | 0.378 | 0.070 | -7.8024 | 50.0 |
| Diethylphthalate | 1.477 | 1.262 | 0.300 | -14.5319 | 50.0 |
| Fluorene | 1.390 | 1.160 | 0.200 | -16.5509 | 50.0 |
| 4-Chlorophenyl-phenylether | 0.662 | 0.558 | 0.100 | -15.739 | 50.0 |
| 4-Nitroaniline | 0.334 | 0.295 | 0.010 | -11.6652 | 50.0 |
| 4,6-Dinitro-2-methylphenol | 0.108 | 0.102 | 0.010 | -5.9036 | 50.0 |
| N-Nitrosodiphenylamine | 0.536 | 0.480 | 0.050 | -10.4174 | 50.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.523 | 0.458 | 0.100 | -12.471 | 50.0 |
| 4-Bromophenyl-phenylether | 0.189 | 0.173 | 0.070 | -8.3955 | 50.0 |
| Hexachlorobenzene | 0.218 | 0.196 | 0.050 | -10.2708 | 50.0 |
| Atrazine | 0.188 | 0.169 | 0.010 | -10.3796 | 50.0 |
| Pentachlorophenol | 0.142 | 0.121 | 0.010 | -14.2629 | 50.0 |
| Phenanthrene | 1.058 | 0.908 | 0.200 | -14.1315 | 50.0 |
| Pentachlorobenzene | 0.242 | 0.221 | 0.050 | -8.7887 | 50.0 |
| Anthracene | 1.071 | 0.907 | 0.200 | -15.2606 | 50.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.235 | 0.219 | 0.050 | -6.5275 | 50.0 |
| Carbazole | 0.978 | 0.860 | 0.050 | -12.0452 | 50.0 |
| Di-n-butylphthalate | 1.192 | 1.068 | 0.500 | -10.4392 | 50.0 |
| Fluoranthene | 1.163 | 1.177 | 0.400 | 1.2062 | 50.0 |
| Pyrene | 1.222 | 1.219 | 0.400 | -0.2182 | 50.0 |
| Butylbenzylphthalate | 0.539 | 0.548 | 0.100 | 1.6787 | 50.0 |
| 3,3-Dichlorobenzidine | 0.417 | 0.378 | 0.010 | -9.2636 | 50.0 |
| Benzo(a)anthracene | 1.358 | 1.193 | 0.300 | -12.1541 | 50.0 |
| Chrysene | 1.289 | 1.130 | 0.200 | -12.3523 | 50.0 |
| Bis(2-ethylhexyl)phthalate | 0.810 | 0.782 | 0.200 | -3.4676 | 50.0 |
| Di-n-octyl phthalate | 1.153 | 1.253 | 0.010 | 8.6847 | 50.0 |
| Benzo(b)fluoranthene | 1.125 | 1.053 | 0.200 | -6.4072 | 50.0 |
| Benzo(k)fluoranthene | 1.132 | 1.034 | 0.200 | -8.6042 | 50.0 |
| Benzo(a)pyrene | 1.123 | 0.965 | 0.200 | -14.0257 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.393 | 1.035 | 0.200 | -25.6826 | 50.0 |
| Dibenzo(a,h)anthracene | 1.143 | 0.857 | 0.200 | -25.0608 | 50.0 |
| Benzo(g,h,i)perylene | 1.122 | 0.817 | 0.200 | -27.1581 | 50.0 |
| 2,3,4,6-Tetrachlorophenol | 0.334 | 0.295 | 0.040 | -11.7309 | 50.0 |
| Pyridine-d5 | 1.233 | 1.129 | 0.010 | -8.4606 | 50.0 |
| 1,4-Dioxane-d8 | 0.428 | 0.389 | 0.010 | -9.1308 | 50.0 |
| Phenol-d5 | 1.687 | 1.493 | 0.010 | -11.516 | 50.0 |
| Bis-(2-Chloroethyl)ether-d8 | 0.982 | 0.906 | 0.050 | -7.6596 | 50.0 |
| 2-Chlorophenol-d4 | 1.314 | 1.194 | 0.200 | -9.07 | 50.0 |
| 4-Methylphenol-d8 | 1.419 | 1.243 | 0.010 | -12.3903 | 50.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG No.: BN042724

Instrument ID: BNA_N Calibration Date/Time: 4/28/2024 12 12:32

Lab File ID: BN031301.D Init. Calib. Date(s):

EPA Sample No.: SSTD020389 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.144 | 0.132 | 0.050 | -8.4286 | 50.0 |
| 2-Nitrophenol-d4 | 0.149 | 0.145 | 0.050 | -3.0132 | 50.0 |
| 2,4-Dichlorophenol-d3 | 0.295 | 0.264 | 0.060 | -10.4216 | 50.0 |
| 4-Chloroaniline-d4 | 0.460 | 0.401 | 0.010 | -12.8866 | 50.0 |
| Dimethylphthalate-d6 | 1.392 | 1.205 | 0.300 | -13.4334 | 50.0 |
| Acenaphthylene-d8 | 1.577 | 1.366 | 0.400 | -13.3806 | 50.0 |
| 4-Nitrophenol-d4 | 0.290 | 0.241 | 0.010 | -17.0667 | 50.0 |
| Fluorene-d10 | 1.212 | 1.037 | 0.100 | -14.3709 | 50.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.101 | 0.090 | 0.010 | -10.3687 | 50.0 |
| Anthracene-d10 | 0.867 | 0.760 | 0.300 | -12.2764 | 50.0 |
| Pyrene-d10 | 0.983 | 0.970 | 0.300 | -1.2613 | 50.0 |
| Benzo(a)pyrene-d12 | 0.948 | 0.817 | 0.010 | -13.8744 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | SBLK384 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160384BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031269.D | 1 | 4/18/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160384 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | SBLK384 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160384BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031269.D | 1 | 4/18/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160384 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | SBLK384 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160384BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031269.D | 1 | 4/18/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160384 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.161 | | 15-120 | | 65 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 28.699 | | 20-120 | | 72 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 24.177 | | 10-130 | | 60 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.037 | | 25-120 | | 65 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.225 | | 20-130 | | 63 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.266 | | 25-125 | | 61 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.83 | | 20-125 | | 67 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.119 | | 20-130 | | 73 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.421 | | 20-120 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 21.89 | | 1-146 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.337 | | 25-130 | | 68 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 26.224 | | 10-130 | | 66 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 24.451 | | 10-150 | | 61 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 25.847 | | 25-125 | | 65 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | SBLK384 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160384BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031269.D | 1 | 4/18/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160384 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 26.435 | | 10-130 | | 66 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.743 | | 25-130 | | 64 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.319 | | 15-130 | | 71 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.384 | | 20-130 | | 66 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 268013 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1251562 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 909458 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 2017300 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1891615 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 2006937 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | SBLK401 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160401BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031270.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | SBLK401 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160401BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031270.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | SBLK401 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160401BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031270.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.797 | | 15-120 | | 72 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 30.206 | | 20-120 | | 76 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 29.222 | | 10-130 | | 73 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 31.351 | | 25-120 | | 78 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 31.299 | | 20-130 | | 78 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 29.525 | | 25-125 | | 74 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 31.793 | | 20-125 | | 79 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 33.744 | | 20-130 | | 84 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 28.566 | | 20-120 | | 71 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 29.471 | | 1-146 | | 74 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 32.064 | | 25-130 | | 80 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 30.169 | | 10-130 | | 75 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 27.434 | | 10-150 | | 69 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 30.165 | | 25-125 | | 75 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | SBLK401 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160401BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031270.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 28.747 | | 10-130 | | 72 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 30.634 | | 25-130 | | 77 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 33.386 | | 15-130 | | 83 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 31.312 | | 20-130 | | 78 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 198689 | 7.622 | | | | |
| 1146-65-2 | Naphthalene-d8 | 952736 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 698646 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1538220 | 17.022 | | | | |
| 1719-03-5 | Chrysene-d12 | 1439738 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1517221 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-18 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031271.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-18 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031271.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 6.2 | | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-18 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031271.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.77 | | 15-120 | | 47 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 10.994 | | 20-120 | | 27 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.59 | | 10-130 | | 16 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 36.003 | | 25-120 | | 90 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.632 | | 20-130 | | 67 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.416 | | 25-125 | | 39 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.582 | | 20-125 | | 94 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 38.767 | | 20-130 | | 97 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 30.529 | | 20-120 | | 76 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 28.307 | | 1-146 | | 71 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 37.808 | | 25-130 | | 95 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 36 | | 10-130 | | 90 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.533 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 36.843 | | 25-125 | | 92 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-18 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031271.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 36.198 | | 10-130 | | 90 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.93 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 43.766 | | 15-130 | | 109 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 40.136 | | 20-130 | | 100 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 192161 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 896894 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 637928 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1443689 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1302222 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1365425 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-90-7 | Benzene, chloro- | 2.7 | J | | | 4.963 | |
| 000106-46-7 | Benzene, 1,4-dichloro- | 2 | J | | | 7.963 | |
| 000087-61-6 | Benzene, 1,2,3-trichloro- | 2.9 | J | | | 10.263 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-19 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031272.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.86 | U | 0.86 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 0.9 | U | 0.9 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 25 | | 1.3 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-19 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031272.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.87 | U | 0.87 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.61 | U | 0.61 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 24 | | 1.8 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 4.1 | J | 1.3 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 58 | | 0.76 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-19 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031272.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.583 | | 15-120 | | 45 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.92 | * | 20-120 | | 17 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.27 | | 10-130 | | 16 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 34.72 | | 25-120 | | 87 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.003 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.4 | | 25-125 | | 38 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.88 | | 20-125 | | 87 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 35.62 | | 20-130 | | 89 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 28.692 | | 20-120 | | 72 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.047 | | 1-146 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 36.188 | | 25-130 | | 90 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.017 | | 10-130 | | 88 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 6.174 | | 10-150 | | 15 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.801 | | 25-125 | | 90 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-19 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031272.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 35.585 | | 10-130 | | 89 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.825 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 41.284 | | 15-130 | | 103 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 38.862 | | 20-130 | | 97 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 194491 | 7.628 | | | | |
| 1146-65-2 | Naphthalene-d8 | 960649 | 10.41 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 689132 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1555885 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1460233 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1528652 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-90-7 | Benzene, chloro- | 18 | J | | | 4.975 | |
| 000095-50-1 | Benzene, 1,2-dichloro- | 2.6 | J | | | 7.51 | |
| 000106-46-7 | Benzene, 1,4-dichloro- | 20 | J | | | 7.681 | |
| 000541-73-1 | Benzene, 1,3-dichloro- | 16 | J | | | 7.993 | |
| 000694-80-4 | Benzene, 1-bromo-2-chloro- | 11 | J | | | 9.104 | |
| 000118-69-4 | Benzene, 1,3-dichloro-2-methyl- | 3.9 | J | | | 9.328 | |
| 025186-47-4 | Benzene, 1,3-dichloro-5-methyl- | 4.4 | J | | | 9.375 | |
| 000106-39-8 | Benzene, 1-bromo-4-chloro- | 7.1 | J | | | 9.416 | |
| 000108-70-3 | Benzene, 1,3,5-trichloro- | 2.7 | J | | | 9.546 | |
| 000120-82-1 | Benzene, 1,2,4-trichloro- | 560 | J | | | 10.293 | |
| 000087-61-6 | Benzene, 1,2,3-trichloro- | 210 | J | | | 10.793 | |
| 000121-73-3 | Benzene, 1-chloro-3-nitro- | 4.2 | J | | | 11.004 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-20 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031273.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.32 | U | 0.32 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.87 | U | 0.87 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.3 | J | 1.1 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 0.91 | U | 0.91 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-20 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031273.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.88 | U | 0.88 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.61 | U | 0.61 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 64 | | 1.8 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.8 | U | 2.8 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.9 | J | 1.3 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 110 | E | 0.77 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-20 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031273.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 18.218 | | 20-120 | | 46 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.839 | | 15-120 | | 73 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 11.799 | | 10-130 | | 29 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 57.265 | * | 25-120 | | 143 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 44.351 | | 20-130 | | 111 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 25.524 | | 25-125 | | 64 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 41.153 | | 20-125 | | 103 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 42.818 | | 20-130 | | 107 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.553 | | 20-120 | | 86 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 31.006 | | 1-146 | | 78 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 40.06 | | 25-130 | | 100 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 39.74 | | 10-130 | | 99 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.119 | | 10-150 | | 18 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 39.746 | | 25-125 | | 99 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RD7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2161-20 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031273.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 35.805 | | 10-130 | | 90 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 40.019 | | 25-130 | | 100 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 44.133 | | 15-130 | | 110 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 42.516 | | 20-130 | | 106 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 133753 | 7.64 | | | | |
| 1146-65-2 | Naphthalene-d8 | 864324 | 10.422 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 600448 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1334362 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1332725 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1392420 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-90-7 | Benzene, chloro- | 22 | J | | | 5.028 | |
| 000106-46-7 | Benzene, 1,4-dichloro- | 8.6 | J | | | 7.528 | |
| 000541-73-1 | Benzene, 1,3-dichloro- | 20 | J | | | 7.728 | |
| 000095-50-1 | Benzene, 1,2-dichloro- | 28 | J | | | 8.075 | |
| 000106-39-8 | Benzene, 1-bromo-4-chloro- | 11 | J | | | 9.11 | |
| 032768-54-0 | Benzene, 1,2-dichloro-3-methyl- | 2.2 | J | | | 9.375 | |
| 000694-80-4 | Benzene, 1-bromo-2-chloro- | 6.5 | J | | | 9.416 | |
| 000112-34-5 | Ethanol, 2-(2-butoxyethoxy)- | 2.3 | J | | | 10.204 | |
| 000108-70-3 | Benzene, 1,3,5-trichloro- | 1000 | J | | | 10.322 | |
| 000120-82-1 | Benzene, 1,2,4-trichloro- | 490 | J | | | 10.81 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/17/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/17/2024 12:00:00 AM |
| Client Sample ID: | C0R94 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031274.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/17/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/17/2024 12:00:00 AM |
| Client Sample ID: | C0R94 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031274.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/17/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/17/2024 12:00:00 AM |
| Client Sample ID: | C0R94 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031274.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.273 | | 15-120 | | 41 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 8.568 | | 20-120 | | 21 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.255 | | 10-130 | | 18 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 33.4 | | 25-120 | | 84 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.088 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.274 | | 25-125 | | 43 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.528 | | 20-125 | | 86 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 34.357 | | 20-130 | | 86 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 32.169 | | 20-120 | | 80 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.297 | | 1-146 | | 56 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 35.535 | | 25-130 | | 89 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.066 | | 10-130 | | 88 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.806 | | 10-150 | | 15 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.306 | | 25-125 | | 88 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/17/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/17/2024 12:00:00 AM |
| Client Sample ID: | C0R94 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031274.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 32.539 | | 10-130 | | 81 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 35.939 | | 25-130 | | 90 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 41.611 | | 15-130 | | 104 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 38.357 | | 20-130 | | 96 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 202546 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 973526 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 676118 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1461671 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1328856 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1347587 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-90-7 | Benzene, chloro- | 6.2 | J | | | 4.964 | |
| 000106-46-7 | Benzene, 1,4-dichloro- | 3.6 | J | | | 7.963 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RE5 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031275.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1 | J | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 8.5 | J | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 30 | | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.4 | J | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 35 | | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RE5 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031275.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 6.6 | | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 10 | | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RE5 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031275.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 10.341 | * | 15-120 | | 129 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 26.504 | | 20-120 | | 66 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 19.374 | | 10-130 | | 48 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 134.635 | * | 25-120 | | 337 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 78.046 | * | 20-130 | | 195 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 42.588 | | 25-125 | | 106 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 40.092 | | 20-125 | | 100 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 42.307 | | 20-130 | | 106 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.268 | | 20-120 | | 86 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 26.094 | | 1-146 | | 65 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 40.21 | | 25-130 | | 101 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 40.24 | | 10-130 | | 101 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.642 | | 10-150 | | 19 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 39.488 | | 25-125 | | 99 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RE5 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031275.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 37.545 | | 10-130 | | 94 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 40.2 | | 25-130 | | 100 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 45.249 | | 15-130 | | 113 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 41.897 | | 20-130 | | 105 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 85106 | 7.646 | | | | |
| 1146-65-2 | Naphthalene-d8 | 970247 | 10.422 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 635857 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1409644 | 17.021 | | | | |
| 1719-03-5 | Chrysene-d12 | 1282284 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1237615 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-90-7 | Benzene, chloro- | 97 | J | | | 5.075 | |
| 000541-73-1 | Benzene, 1,3-dichloro- | 20 | J | | | 7.534 | |
| 000106-46-7 | Benzene, 1,4-dichloro- | 49 | J | | | 7.757 | |
| 000095-50-1 | Benzene, 1,2-dichloro- | 74 | J | | | 8.104 | |
| 000108-37-2 | Benzene, 1-bromo-3-chloro- | 12 | J | | | 9.128 | |
| 000095-51-2 | o-Chloroaniline | 78 | J | | | 9.457 | |
| 000576-24-9 | Phenol, 2,3-dichloro- | 9.6 | J | | | 10.104 | |
| 000087-65-0 | Phenol, 2,6-dichloro- | 37 | J | | | 10.204 | |
| 000108-70-3 | Benzene, 1,3,5-trichloro- | 600 | J | | | 10.31 | |
| 000087-61-6 | Benzene, 1,2,3-trichloro- | 210 | J | | | 10.804 | |
| 055030-70-1 | 2-Butenoic acid, 2-propenylidene e | 2.2 | J | | | 12.057 | |
| 000608-31-1 | Benzenamine, 2,6-dichloro- | 7.8 | J | | | 12.698 | |
| 000933-78-8 | Phenol, 2,3,5-trichloro- | 2.2 | J | | | 12.898 | |
| 000591-35-5 | Phenol, 3,5-dichloro- | 9.1 | J | | | 13.286 | |
| 000626-43-7 | Benzenamine, 3,5-dichloro- | 3.2 | J | | | 13.616 | |
| 054947-39-6 | Cyclopropanecarboxylic acid,butyl ester | 2.5 | J | | | 16.527 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/16/2024 12:00:00 AM |
| Client Sample ID: | C0RE5 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2184-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031275.D | 1 | 4/19/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160401 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 960 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031276.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.32 | U | 0.32 | 0.52 | 2.1 | ug/L |
| 100-52-7 | Benzaldehyde | 1.5 | U | 1.5 | 5.2 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.89 | U | 0.89 | 10.4 | 10 | ug/L |
| 108-95-2 | Phenol | 1.8 | U | 1.8 | 5.2 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.6 | U | 1.6 | 5.2 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.8 | J | 1.1 | 2.6 | 5.2 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.6 | U | 1.6 | 5.2 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.5 | U | 1.5 | 5.2 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.2 | U | 2.2 | 5.2 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 5.2 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.6 | 5.2 | ug/L |
| 67-72-1 | Hexachloroethane | 0.93 | U | 0.93 | 2.6 | 5.2 | ug/L |
| 98-95-3 | Nitrobenzene | 35 | | 1.4 | 2.6 | 5.2 | ug/L |
| 78-59-1 | Isophorone | 1.5 | U | 1.5 | 2.6 | 5.2 | ug/L |
| 88-75-5 | 2-Nitrophenol | 2.3 | J | 1.5 | 2.6 | 5.2 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.75 | U | 0.75 | 2.6 | 5.2 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.5 | U | 1.5 | 2.6 | 5.2 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.5 | U | 1.5 | 2.6 | 5.2 | ug/L |
| 91-20-3 | Naphthalene | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.6 | 5.2 | ug/L |
| 105-60-2 | Caprolactam | 1.4 | U | 1.4 | 5.2 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.5 | U | 1.5 | 2.6 | 5.2 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.6 | 5.2 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.5 | U | 1.5 | 5.2 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 960 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031276.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.9 | U | 1.9 | 2.6 | 5.2 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.3 | U | 1.3 | 2.6 | 5.2 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.7 | U | 1.7 | 2.6 | 5.2 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.4 | U | 1.4 | 2.6 | 5.2 | ug/L |
| 208-96-8 | Acenaphthylene | 1.9 | U | 1.9 | 2.6 | 5.2 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.9 | U | 0.9 | 5.2 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2 | U | 2 | 5.2 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.6 | U | 1.6 | 5.2 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | U | 1 | 2.6 | 5.2 | ug/L |
| 84-66-2 | Diethylphthalate | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 86-73-7 | Fluorene | 2.1 | U | 2.1 | 2.6 | 5.2 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.63 | U | 0.63 | 5.2 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.8 | U | 1.8 | 5.2 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.9 | U | 1.9 | 2.6 | 5.2 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.8 | U | 2.8 | 2.6 | 5.2 | ug/L |
| 118-74-1 | Hexachlorobenzene | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 1912-24-9 | Atrazine | 1.3 | U | 1.3 | 5.2 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.8 | U | 1.8 | 5.2 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.9 | U | 1.9 | 2.6 | 5.2 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.4 | U | 1.4 | 2.6 | 5.2 | ug/L |
| 120-12-7 | Anthracene | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 4.9 | J | 0.78 | 2.6 | 5.2 | ug/L |
| 86-74-8 | Carbazole | 2.1 | U | 2.1 | 5.2 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 206-44-0 | Fluoranthene | 1.8 | U | 1.8 | 5.2 | 5.2 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 960 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031276.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.5 | U | 1.5 | 5.2 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 218-01-9 | Chrysene | 1.8 | U | 1.8 | 2.6 | 5.2 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.6 | U | 1.6 | 2.6 | 5.2 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.4 | U | 1.4 | 5.2 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.7 | U | 1.7 | 2.6 | 5.2 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.3 | U | 2.3 | 2.6 | 5.2 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2.1 | U | 2.1 | 2.6 | 5.2 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2.1 | U | 2.1 | 2.6 | 5.2 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 2 | U | 2 | 2.6 | 5.2 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.9 | U | 1.9 | 2.6 | 5.2 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.338 | | 15-120 | | 54 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 9.107 | | 20-120 | | 23 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 8.086 | | 10-130 | | 20 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 36.507 | | 25-120 | | 91 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 28.705 | | 20-130 | | 72 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.947 | | 25-125 | | 47 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 36.315 | | 20-125 | | 91 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 36.273 | | 20-130 | | 91 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 30.287 | | 20-120 | | 76 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.192 | | 1-146 | | 45 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 36.283 | | 25-130 | | 91 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.443 | | 10-130 | | 89 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 6.898 | | 10-150 | | 17 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.19 | | 25-125 | | 88 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP7 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 960 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031276.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 31.807 | | 10-130 | | 80 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.415 | | 25-130 | | 91 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 38.58 | | 15-130 | | 96 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 36.751 | | 20-130 | | 92 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 187539 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 920920 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 663763 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1436128 | 17.022 | | | | |
| 1719-03-5 | Chrysene-d12 | 1362604 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1450050 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000121-73-3 | Benzene, 1-chloro-3-nitro- | 19 | J | | | 11.004 | |
| 000088-73-3 | Benzene, 1-chloro-2-nitro- | 4.8 | J | | | 11.216 | |
| 000089-64-5 | 4-Chloro-2-nitrophenol | 2.2 | J | | | 11.698 | |
| 041678-32-4 | 2H-1-Benzopyran, 3,4,4a,5,6,8a-hex | 6.3 | J | | | 18.398 | |
| E966796 | Total Alkanes | 2 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP9 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031277.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.86 | U | 0.86 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 0.9 | U | 0.9 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP9 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031277.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.87 | U | 0.87 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.61 | U | 0.61 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.76 | U | 0.76 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5.1 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP9 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031277.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.063 | | 15-120 | | 38 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.969 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 4.314 | | 10-130 | | 11 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.762 | | 25-120 | | 67 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.019 | | 20-130 | | 48 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 11.467 | | 25-125 | | 29 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.433 | | 20-125 | | 69 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 17.393 | | 20-130 | | 43 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.838 | | 20-120 | | 52 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 12.252 | | 1-146 | | 31 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 28.339 | | 25-130 | | 71 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 27.11 | | 10-130 | | 68 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 1.862 | * | 10-150 | | 5 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 28.624 | | 25-125 | | 72 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RP9 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031277.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 2.267 | * | 10-130 | | 6 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.677 | | 25-130 | | 79 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 35.02 | | 15-130 | | 88 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 32.686 | | 20-130 | | 82 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 231668 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1123563 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 799925 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1769195 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1653543 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1728787 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-03 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031278.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.32 | U | 0.32 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.87 | U | 0.87 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 0.91 | U | 0.91 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-03 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031278.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.88 | U | 0.88 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.61 | U | 0.61 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.8 | U | 2.8 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.77 | U | 0.77 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-03 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031278.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.041 | | 15-120 | | 51 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 1.679 | * | 20-120 | | 4 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.73 | | 10-130 | | 19 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 33.382 | | 25-120 | | 83 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.929 | | 20-130 | | 67 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.835 | | 25-125 | | 45 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 33.871 | | 20-125 | | 85 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 35.393 | | 20-130 | | 88 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 28.885 | | 20-120 | | 72 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 10.762 | | 1-146 | | 27 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 36.771 | | 25-130 | | 92 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 34.69 | | 10-130 | | 87 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 8.067 | | 10-150 | | 20 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.383 | | 25-125 | | 88 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-03 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031278.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 37.731 | | 10-130 | | 94 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 39.734 | | 25-130 | | 99 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 44.144 | | 15-130 | | 110 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 41.473 | | 20-130 | | 104 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 212995 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1032080 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 751764 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1656365 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1554463 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1605774 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031279.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031279.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031279.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.958 | | 15-120 | | 49 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.178 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.479 | | 10-130 | | 16 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 33.117 | | 25-120 | | 83 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.367 | | 20-130 | | 63 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.252 | | 25-125 | | 38 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 33.238 | | 20-125 | | 83 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 33.04 | | 20-130 | | 83 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.736 | | 20-120 | | 69 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 20.545 | | 1-146 | | 51 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 34.888 | | 25-130 | | 87 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 32.914 | | 10-130 | | 82 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.258 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 34.173 | | 25-125 | | 85 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031279.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 30.099 | | 10-130 | | 75 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.772 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 40.59 | | 15-130 | | 101 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 38.12 | | 20-130 | | 95 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 195873 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 972406 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 703676 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1522375 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1399244 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1418870 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | C0AL2DL | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-04DL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031280.D | 2 | 4/26/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160561 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.62 | U | 0.62 | 1 | 4 | ug/L |
| 100-52-7 | Benzaldehyde | 2.8 | U | 2.8 | 10 | 20 | ug/L |
| 110-86-1 | Pyridine | 1.7 | U | 1.7 | 20 | 20 | ug/L |
| 108-95-2 | Phenol | 3.4 | U | 3.4 | 10 | 20 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 3 | U | 3 | 10 | 20 | ug/L |
| 95-57-8 | 2-Chlorophenol | 2.2 | U | 2.2 | 5 | 10 | ug/L |
| 95-48-7 | 2-Methylphenol | 3 | U | 3 | 10 | 20 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2.8 | U | 2.8 | 10 | 20 | ug/L |
| 98-86-2 | Acetophenone | 4.2 | U | 4.2 | 10 | 20 | ug/L |
| 106-44-5 | 4-Methylphenol | 3.2 | U | 3.2 | 10 | 20 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 67-72-1 | Hexachloroethane | 1.78 | U | 1.78 | 5 | 10 | ug/L |
| 98-95-3 | Nitrobenzene | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 78-59-1 | Isophorone | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 88-75-5 | 2-Nitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.44 | U | 1.44 | 5 | 10 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 91-20-3 | Naphthalene | 13 | D | 3 | 5 | 10 | ug/L |
| 106-47-8 | 4-Chloroaniline | 3.4 | U | 3.4 | 5 | 20 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 2.2 | U | 2.2 | 5 | 10 | ug/L |
| 105-60-2 | Caprolactam | 2.6 | U | 2.6 | 10 | 20 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1.94 | U | 1.94 | 5 | 10 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 3 | U | 3 | 5 | 10 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 2.8 | U | 2.8 | 10 | 20 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 3.4 | U | 3.4 | 5 | 10 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | C0AL2DL | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-04DL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031280.D | 2 | 4/26/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160561 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 3.6 | U | 3.6 | 5 | 10 | ug/L |
| 88-74-4 | 2-Nitroaniline | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 131-11-3 | Dimethylphthalate | 3.2 | U | 3.2 | 5 | 10 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 208-96-8 | Acenaphthylene | 3.6 | U | 3.6 | 5 | 10 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.72 | U | 1.72 | 10 | 20 | ug/L |
| 83-32-9 | Acenaphthene | 110 | D | 3.8 | 5 | 10 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 3.8 | U | 3.8 | 10 | 20 | ug/L |
| 100-02-7 | 4-Nitrophenol | 3 | U | 3 | 10 | 20 | ug/L |
| 132-64-9 | Dibenzofuran | 3.4 | U | 3.4 | 5 | 10 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.94 | U | 1.94 | 5 | 10 | ug/L |
| 84-66-2 | Diethylphthalate | 3 | U | 3 | 5 | 10 | ug/L |
| 86-73-7 | Fluorene | 34 | D | 4 | 5 | 10 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 10 | 20 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3.4 | U | 3.4 | 10 | 20 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 3.4 | U | 3.4 | 5 | 10 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 3.6 | U | 3.6 | 5 | 10 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 5.4 | U | 5.4 | 5 | 10 | ug/L |
| 118-74-1 | Hexachlorobenzene | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 1912-24-9 | Atrazine | 2.4 | U | 2.4 | 10 | 20 | ug/L |
| 87-86-5 | Pentachlorophenol | 3.4 | U | 3.4 | 10 | 20 | ug/L |
| 85-01-8 | Phenanthrene | 3.6 | U | 3.6 | 5 | 10 | ug/L |
| 608-93-5 | Pentachlorobenzene | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 120-12-7 | Anthracene | 3.4 | U | 3.4 | 5 | 10 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 86-74-8 | Carbazole | 5.2 | JD | 4 | 10 | 20 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 3.4 | U | 3.4 | 5 | 10 | ug/L |
| 206-44-0 | Fluoranthene | 13 | D | 3.4 | 10 | 10 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | C0AL2DL | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-04DL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031280.D | 2 | 4/26/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160561 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 6.6 | JD | 3.4 | 5 | 10 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 3 | U | 3 | 5 | 10 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 2.8 | U | 2.8 | 10 | 20 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 3 | U | 3 | 5 | 10 | ug/L |
| 218-01-9 | Chrysene | 3.4 | U | 3.4 | 5 | 10 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3 | U | 3 | 5 | 10 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 2.6 | U | 2.6 | 10 | 20 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 3.2 | U | 3.2 | 5 | 10 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 4.4 | U | 4.4 | 5 | 10 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 4 | U | 4 | 5 | 10 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 4 | U | 4 | 5 | 10 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 3.8 | U | 3.8 | 5 | 10 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 3.6 | U | 3.6 | 5 | 10 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.012 | | 15-120 | | 63 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.296 | | 20-120 | | 41 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 10.4 | | 10-130 | | 26 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 37.184 | | 25-120 | | 93 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 31.382 | | 20-130 | | 78 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 22.79 | | 25-125 | | 57 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.712 | | 20-125 | | 94 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 38.298 | | 20-130 | | 96 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.618 | | 20-120 | | 87 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 24.616 | | 1-146 | | 62 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 39.996 | | 25-130 | | 100 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 38.872 | | 10-130 | | 97 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 9.46 | | 10-150 | | 24 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 38.878 | | 25-125 | | 97 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | C0AL2DL | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-04DL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031280.D | 2 | 4/26/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160561 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 38.436 | | 10-130 | | 96 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 40.298 | | 25-130 | | 101 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 46.374 | | 15-130 | | 116 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 41.474 | | 20-130 | | 104 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 298625 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1438318 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 967352 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 2020838 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1789413 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1773676 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000527-60-6 | Phenol, 2,4,6-trimethyl- | 5.2 | JD | | | 10.987 | |
| 004565-32-6 | Benzo[b]thiophene, 2,3-dihydro- | 4.8 | JD | | | 11.51 | |
| | unknown-01 | 5.7 | JD | | | 13.316 | |
| 001689-64-1 | 9H-Fluoren-9-ol | 7 | JD | | | 15.757 | |
| 002235-15-6 | 1(2H)-Acenaphthylenone | 6.8 | JD | | | 15.998 | |
| 000230-27-3 | Benzo[h]quinoline | 4.2 | JD | | | 17.216 | |
| 002443-58-5 | 2-Hydroxyfluorene | 4.4 | JD | | | 17.863 | |
| 013026-12-5 | .beta.-(1-Naphthyl)acrylic acid | 14 | JD | | | 17.928 | |
| 006344-67-8 | 9H-Fluoren-3-ol | 5.7 | JD | | | 18.022 | |
| 000203-64-5 | 4H-Cyclopenta[def]phenanthrene | 7.1 | JD | | | 18.092 | |
| 001484-12-4 | 9H-Carbazole, 9-methyl- | 4.2 | JD | | | 18.204 | |
| 001015-89-0 | 6(5H)-Phenanthridinone | 10 | JD | | | 19.916 | |
| 004269-15-2 | 4-Amino-9-fluorenone | 6.6 | JD | | | 20.557 | |
| E966796 | Total Alkanes | 3.8 | U | | | 99 | ug/L |

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# 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: | SLCS538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031281.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 9 | | 0.31 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 26 | | 0.85 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 31 | | 1.4 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 28 | | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 28 | | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 29 | | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 28 | | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 28 | | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 27 | | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 28 | | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 28 | | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 27 | | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 27 | | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 27 | | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 30 | | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 25 | | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 27 | | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 28 | | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 26 | | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 22 | | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 26 | | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 28 | | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 29 | | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 26 | | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 27 | | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 23 | | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 29 | | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 28 | | 1.7 | 2.5 | 5 | ug/L |

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# 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: | SLCS538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031281.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 27 | | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 26 | | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 29 | | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 26 | | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 29 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 25 | | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 28 | | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 25 | | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 30 | | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 26 | | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 25 | | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 29 | | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 26 | | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 25 | | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 25 | | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 29 | | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 31 | | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 28 | | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 27 | | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 27 | | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 28 | | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 27 | | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 28 | | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 25 | | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 28 | | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 26 | | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 28 | | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 27 | | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 28 | | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 32 | | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/25/2024 12:00:00 AM |
| Client Sample ID: | SLCS538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031281.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 32 | | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 33 | | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 28 | | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 28 | | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 28 | | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 31 | | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 36 | | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 30 | | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 29 | | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 25 | | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 25 | | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 25 | | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 23 | | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 28 | | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 6.598 | | 15-120 | | 82 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 26.66 | | 20-120 | | 67 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 28.787 | | 10-130 | | 72 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 28.074 | | 25-120 | | 70 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 29.424 | | 20-130 | | 74 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 28.18 | | 25-125 | | 70 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 29.172 | | 20-125 | | 73 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 31.363 | | 20-130 | | 78 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 28.406 | | 20-120 | | 71 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 24.144 | | 1-146 | | 60 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.414 | | 25-130 | | 69 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 27.202 | | 10-130 | | 68 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 26.668 | | 10-150 | | 67 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.117 | | 25-125 | | 65 | SPK: -40 |

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# 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: | SLCS538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031281.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 30.611 | | 10-130 | | 77 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 27.259 | | 25-130 | | 68 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 31.869 | | 15-130 | | 80 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 29.327 | | 20-130 | | 73 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 230333 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1122181 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 789741 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1668248 | 17.022 | | | | |
| 1719-03-5 | Chrysene-d12 | 1478377 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1599569 | 24.157 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# 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: | SBLK538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031283.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# 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: | SBLK538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031283.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# 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: | SBLK538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031283.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.895 | | 15-120 | | 61 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 24.507 | | 20-120 | | 61 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.893 | | 10-130 | | 60 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.786 | | 25-120 | | 64 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.984 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.572 | | 25-125 | | 61 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.19 | | 20-125 | | 65 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 27.811 | | 20-130 | | 70 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.228 | | 20-120 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 24.346 | | 1-146 | | 61 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.61 | | 25-130 | | 64 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 24.796 | | 10-130 | | 62 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 21.792 | | 10-150 | | 54 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.627 | | 25-125 | | 62 | SPK: -40 |

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# 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: | SBLK538 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160538BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031283.D | 1 | 4/25/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 22.482 | | 10-130 | | 56 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.101 | | 25-130 | | 63 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.156 | | 15-130 | | 70 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25.757 | | 20-130 | | 64 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 218283 | 7.622 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1049448 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 771034 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1702178 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1562752 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1624292 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SBLK492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031284.D | 1 | 4/24/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SBLK492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031284.D | 1 | 4/24/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SBLK492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031284.D | 1 | 4/24/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 6.334 | | 15-120 | | 79 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 32.354 | | 20-120 | | 81 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 30.524 | | 10-130 | | 76 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 32.873 | | 25-120 | | 82 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 32.449 | | 20-130 | | 81 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 31.282 | | 25-125 | | 78 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 32.575 | | 20-125 | | 81 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 34.826 | | 20-130 | | 87 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 30.095 | | 20-120 | | 75 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 30.678 | | 1-146 | | 77 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 32.267 | | 25-130 | | 81 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 31.29 | | 10-130 | | 78 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 27.86 | | 10-150 | | 70 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 30.618 | | 25-125 | | 77 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SBLK492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031284.D | 1 | 4/24/2024 12:00:00 AM | 4/27/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 29.577 | | 10-130 | | 74 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.641 | | 25-130 | | 79 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 35.133 | | 15-130 | | 88 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 33.459 | | 20-130 | | 84 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 213563 | 7.617 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1035035 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 741066 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1615537 | 17.022 | | | | |
| 1719-03-5 | Chrysene-d12 | 1491768 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1471857 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ2 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031285.D | 1 | 4/25/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 5.3 | | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 86 | E | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 3.3 | J | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ2 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031285.D | 1 | 4/25/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 60 | | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 3.8 | J | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 120 | E | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ2 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031285.D | 1 | 4/25/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 7.851 | | 20-120 | | 20 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.266 | | 15-120 | | 91 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 13.918 | | 10-130 | | 35 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 65.348 | * | 25-120 | | 163 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 53.199 | * | 20-130 | | 133 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 30.349 | | 25-125 | | 76 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.056 | | 20-125 | | 93 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 39.21 | | 20-130 | | 98 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 31.523 | | 20-120 | | 79 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 17.348 | | 1-146 | | 43 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 36.242 | | 25-130 | | 91 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.919 | | 10-130 | | 90 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.809 | | 10-150 | | 20 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.231 | | 25-125 | | 88 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0RQ2 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2269-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031285.D | 1 | 4/25/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160538 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 36.814 | | 10-130 | | 92 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.651 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 41.338 | | 15-130 | | 103 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 39.495 | | 20-130 | | 99 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 120666 | 7.646 | | | | |
| 1146-65-2 | Naphthalene-d8 | 983539 | 10.428 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 670109 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1501070 | 17.022 | | | | |
| 1719-03-5 | Chrysene-d12 | 1403222 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1471184 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000106-39-8 | Benzene, 1-bromo-4-chloro- | 14 | J | | | 9.11 | |
| 032768-54-0 | Benzene, 1,2-dichloro-3-methyl- | 3.1 | J | | | 9.334 | |
| 019398-61-9 | Benzene, 1,4-dichloro-2-methyl- | 2 | J | | | 9.381 | |
| 000694-80-4 | Benzene, 1-bromo-2-chloro- | 8.1 | J | | | 9.422 | |
| 000121-73-3 | Benzene, 1-chloro-3-nitro- | 33 | J | | | 11.01 | |
| 000088-73-3 | Benzene, 1-chloro-2-nitro- | 8.3 | J | | | 11.222 | |
| 000089-64-5 | 4-Chloro-2-nitrophenol | 4.2 | J | | | 11.704 | |
| | unknown-01 | 8.2 | J | | | 18.398 | |
| 064001-05-4 | 1,6,11,16,21,26-Hexaoxacyclotriaco | 3.1 | J | | | 21.369 | |
| 066055-34-3 | 1,6,11,16,21,26,31-Heptaoxacyclopentatriacon | 4.1 | J | | | 24.58 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CZ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031286.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CZ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031286.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CZ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031286.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.735 | | 15-120 | | 47 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 4.48 | * | 20-120 | | 11 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.116 | | 10-130 | | 15 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 30.447 | | 25-120 | | 76 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 23.292 | | 20-130 | | 58 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.856 | | 25-125 | | 37 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 30.887 | | 20-125 | | 77 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 32.081 | | 20-130 | | 80 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 26.396 | | 20-120 | | 66 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.854 | | 1-146 | | 57 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 31.24 | | 25-130 | | 78 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 30.478 | | 10-130 | | 76 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.151 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 30.111 | | 25-125 | | 75 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CZ0 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-04 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031286.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 28.806 | | 10-130 | | 72 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.71 | | 25-130 | | 79 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 35.166 | | 15-130 | | 88 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 31.763 | | 20-130 | | 79 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 219771 | 7.622 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1053596 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 767305 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1666221 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1533832 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1625301 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1D02 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031287.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.86 | U | 0.86 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 0.9 | U | 0.9 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1D02 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031287.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.87 | U | 0.87 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.61 | U | 0.61 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.76 | U | 0.76 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5.1 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1D02 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031287.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.125 | | 15-120 | | 52 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 11.004 | | 20-120 | | 28 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.547 | | 10-130 | | 19 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 37.806 | | 25-120 | | 95 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 29.026 | | 20-130 | | 73 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.211 | | 25-125 | | 46 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.784 | | 20-125 | | 94 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 38.553 | | 20-130 | | 96 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 31.56 | | 20-120 | | 79 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 29.511 | | 1-146 | | 74 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 37.176 | | 25-130 | | 93 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 36.47 | | 10-130 | | 91 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.858 | | 10-150 | | 15 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.846 | | 25-125 | | 90 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1D02 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 990 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031287.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 32.435 | | 10-130 | | 81 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.562 | | 25-130 | | 91 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 41.514 | | 15-130 | | 104 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 39.147 | | 20-130 | | 98 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 186891 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 932842 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 678959 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1494556 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1371620 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1419927 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 4.3 | J | | | 7.681 | |
| 082304-66-3 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 2.9 | J | | | 17.692 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1D03 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-23 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031288.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1D03 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-23 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031288.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1D03 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-23 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031288.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 4.9 | * | 20-120 | | 12 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.064 | | 15-120 | | 38 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 6.136 | | 10-130 | | 15 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 30.171 | | 25-120 | | 75 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 23.301 | | 20-130 | | 58 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.853 | | 25-125 | | 37 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 30.504 | | 20-125 | | 76 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 30.452 | | 20-130 | | 76 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.017 | | 20-120 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 11.137 | | 1-146 | | 28 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 31.398 | | 25-130 | | 78 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 30.347 | | 10-130 | | 76 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 4.87 | | 10-150 | | 12 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 31.16 | | 25-125 | | 78 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1D03 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-23 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031288.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 28.775 | | 10-130 | | 72 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 32.867 | | 25-130 | | 82 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 36.745 | | 15-130 | | 92 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 34.486 | | 20-130 | | 86 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 194297 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 945334 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 706621 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1601272 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1465962 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1496044 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 082304-66-3 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 3.4 | J | | | 17.692 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CZ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-24 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031289.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CZ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-24 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031289.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CZ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-24 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031289.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.413 | | 15-120 | | 43 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.912 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.572 | | 10-130 | | 16 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 35.761 | | 25-120 | | 89 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.616 | | 20-130 | | 67 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 16.461 | | 25-125 | | 41 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 36.779 | | 20-125 | | 92 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 33.581 | | 20-130 | | 84 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 30.03 | | 20-120 | | 75 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 27.639 | | 1-146 | | 69 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 36.875 | | 25-130 | | 92 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.597 | | 10-130 | | 89 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.203 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 35.256 | | 25-125 | | 88 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CZ1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2203-24 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031289.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 29.856 | | 10-130 | | 75 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 37.625 | | 25-130 | | 94 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 42.68 | | 15-130 | | 107 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 40.267 | | 20-130 | | 101 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 188814 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 918389 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 674646 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1483493 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1355711 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1409364 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 082304-66-3 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 4.1 | J | | | 17.692 | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0AP6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031290.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1 | J | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0AP6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031290.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0AP6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031290.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.311 | | 15-120 | | 54 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 8.144 | | 20-120 | | 20 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.146 | | 10-130 | | 13 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 28.097 | | 25-120 | | 70 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.925 | | 20-130 | | 52 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 12.809 | | 25-125 | | 32 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 28.326 | | 20-125 | | 71 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.513 | | 20-130 | | 71 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.415 | | 20-120 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.103 | | 1-146 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 30.363 | | 25-130 | | 76 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 28.521 | | 10-130 | | 71 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 4.162 | | 10-150 | | 10 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 29.811 | | 25-125 | | 75 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/23/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/23/2024 12:00:00 AM |
| Client Sample ID: | C0AP6 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2251-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031290.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.916 | | 10-130 | | 70 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.647 | | 25-130 | | 79 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 35.855 | | 15-130 | | 90 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 33.497 | | 20-130 | | 84 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 211386 | 7.622 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1034105 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 753225 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1654020 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1518113 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1618806 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SLCS492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031291.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11 | | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 36 | | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 31 | | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 34 | | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 33 | | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 34 | | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 33 | | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 34 | | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 33 | | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 33 | | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 33 | | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 32 | | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 32 | | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 32 | | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 35 | | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 26 | | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 32 | | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 33 | | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 31 | | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 28 | | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 31 | | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 33 | | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 34 | | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 31 | | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 31 | | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 25 | | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 34 | | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 34 | | 1.7 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SLCS492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031291.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 32 | | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 31 | | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 36 | | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 32 | | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 35 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 30 | | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 34 | | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 30 | | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 35 | | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 32 | | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 31 | | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 35 | | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 32 | | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 30 | | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30 | | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 34 | | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 36 | | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 32 | | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 32 | | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 33 | | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 32 | | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 31 | | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 33 | | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 31 | | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 32 | | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 30 | | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 32 | | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 32 | | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 32 | | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 37 | | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SLCS492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031291.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 36 | | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 38 | | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 32 | | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 32 | | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 32 | | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 35 | | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 40 | | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 34 | | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 34 | | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 29 | | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 28 | | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 29 | | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 27 | | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 34 | | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.473 | | 15-120 | | 93 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 31.555 | | 20-120 | | 79 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 33.767 | | 10-130 | | 84 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 34.056 | | 25-120 | | 85 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 34.883 | | 20-130 | | 87 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 33.228 | | 25-125 | | 83 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.18 | | 20-125 | | 85 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 36.403 | | 20-130 | | 91 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.015 | | 20-120 | | 85 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 30.367 | | 1-146 | | 76 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 33.285 | | 25-130 | | 83 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 33.404 | | 10-130 | | 84 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 33.495 | | 10-150 | | 84 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 32.598 | | 25-125 | | 81 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/24/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/24/2024 12:00:00 AM |
| Client Sample ID: | SLCS492 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160492BS | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031291.D | 1 | 4/24/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160492 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 36.046 | | 10-130 | | 90 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.79 | | 25-130 | | 79 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 36.915 | | 15-130 | | 92 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 33.67 | | 20-130 | | 84 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 186793 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 909538 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 628470 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1392564 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1268673 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1400176 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SBLK551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BL | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031293.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.31 | U | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 0.85 | U | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 2.1 | U | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 0.89 | U | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SBLK551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BL | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031293.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 0.86 | U | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.6 | U | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 2.7 | U | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 2 | U | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.7 | U | 1.7 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SBLK551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BL | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031293.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 2.2 | U | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 2 | U | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.38 | | 15-120 | | 67 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 27.03 | | 20-120 | | 68 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 25.766 | | 10-130 | | 64 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 27.855 | | 25-120 | | 70 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 27.589 | | 20-130 | | 69 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 26.967 | | 25-125 | | 67 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 28.046 | | 20-125 | | 70 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.308 | | 20-130 | | 73 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.337 | | 20-120 | | 63 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 26.472 | | 1-146 | | 66 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 28.134 | | 25-130 | | 70 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 26.808 | | 10-130 | | 67 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 24.729 | | 10-150 | | 62 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.958 | | 25-125 | | 67 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SBLK551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BL | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031293.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.795 | | 10-130 | | 59 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 27.754 | | 25-130 | | 69 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 29.769 | | 15-130 | | 74 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 29.081 | | 20-130 | | 73 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 188966 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 929016 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 687290 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1543673 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1490296 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1530483 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLEB520 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160520TB | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031294.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | U | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 14 | U | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 8.5 | U | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 17 | U | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 15 | U | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 11 | U | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 15 | U | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 14 | U | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 21 | U | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 16 | U | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 14 | U | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 8.9 | U | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 14 | U | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 7.2 | U | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 14 | U | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 17 | U | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 11 | U | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 13 | U | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 14 | U | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 14 | U | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 19 | U | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 17 | U | 17 | 25 | 50 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLEB520 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160520TB | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031294.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 19 | U | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 18 | U | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 12 | U | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 16 | U | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 13 | U | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 18 | U | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 8.6 | U | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 19 | U | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 19 | U | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 15 | U | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 17 | U | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 20 | U | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 19 | U | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 6 | U | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 17 | U | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 17 | U | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 18 | U | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 27 | U | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 19 | U | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 12 | U | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 17 | U | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 18 | U | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 17 | U | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 7.5 | U | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 20 | U | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 17 | U | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 17 | U | 17 | 50 | 50 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLEB520 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160520TB | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031294.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 17 | U | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 14 | U | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 15 | U | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 17 | U | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 13 | U | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 16 | U | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 22 | U | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 20 | U | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 19 | U | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 20 | U | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 19 | U | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 18 | U | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 57.84 | | 15-120 | | 72 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 296.91 | | 20-120 | | 74 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 283.09 | | 10-130 | | 70 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 308.49 | | 25-120 | | 77 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 300.63 | | 20-130 | | 75 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 289.69 | | 25-125 | | 72 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 309.59 | | 20-125 | | 77 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 320.41 | | 20-130 | | 80 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 282.26 | | 20-120 | | 70 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 292.28 | | 1-146 | | 73 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 307.12 | | 25-130 | | 76 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 291.71 | | 10-130 | | 72 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 258.31 | | 10-150 | | 64 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 293.19 | | 25-125 | | 73 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLEB520 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160520TB | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031294.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 262.19 | | 10-130 | | 65 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 308.51 | | 25-130 | | 77 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 332.27 | | 15-130 | | 83 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 325.62 | | 20-130 | | 81 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 176441 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 846989 | 10.393 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 623437 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1349129 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1307461 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1336177 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CX1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-01 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031295.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | U | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 14 | U | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 8.5 | U | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 17 | U | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 15 | U | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 11 | U | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 15 | U | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 14 | U | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 21 | U | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 16 | U | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 14 | U | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 8.9 | U | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 14 | U | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 7.2 | U | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 14 | U | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 17 | U | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 11 | U | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 13 | U | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 14 | U | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 14 | U | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 19 | U | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 17 | U | 17 | 25 | 50 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CX1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-01 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031295.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 19 | U | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 18 | U | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 12 | U | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 16 | U | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 13 | U | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 18 | U | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 8.6 | U | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 19 | U | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 19 | U | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 15 | U | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 17 | U | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 20 | U | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 19 | U | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 6 | U | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 17 | U | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 17 | U | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 18 | U | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 27 | U | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 19 | U | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 12 | U | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 17 | U | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 18 | U | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 17 | U | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 7.5 | U | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 20 | U | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 17 | U | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 17 | U | 17 | 50 | 50 | ug/L |

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AN ALLIANCE TECHNICAL GROUP COMPANY

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CX1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-01 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031295.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 17 | U | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 14 | U | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 15 | U | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 17 | U | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 13 | U | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 16 | U | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 22 | U | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 20 | U | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 19 | U | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 20 | U | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 19 | U | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 18 | U | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 33.1 | | 15-120 | | 41 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 61.39 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 71 | | 10-130 | | 17 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 316.29 | | 25-120 | | 79 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 246.11 | | 20-130 | | 61 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 162.75 | | 25-125 | | 40 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 315.23 | | 20-125 | | 78 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 320.75 | | 20-130 | | 80 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 263.82 | | 20-120 | | 66 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 204.55 | | 1-146 | | 51 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 309.63 | | 25-130 | | 77 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 305.74 | | 10-130 | | 76 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 56.02 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 308.56 | | 25-125 | | 77 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/18/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/18/2024 12:00:00 AM |
| Client Sample ID: | E1CX1 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-01 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031295.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 314.71 | | 10-130 | | 78 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 340.69 | | 25-130 | | 85 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 361.52 | | 15-130 | | 90 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 355.29 | | 20-130 | | 88 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 218469 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1074177 | 10.398 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 766036 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1683884 | 17.015 | | | | |
| 1719-03-5 | Chrysene-d12 | 1622247 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1656371 | 24.15 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-88-3 | Toluene | 38 | J | | | 3.851 | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CW8 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-03 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031296.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | U | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 14 | U | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 8.5 | U | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 17 | U | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 15 | U | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 11 | U | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 15 | U | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 14 | U | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 21 | U | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 16 | U | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 14 | U | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 8.9 | U | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 14 | U | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 7.2 | U | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 14 | U | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 17 | U | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 11 | U | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 13 | U | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 14 | U | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 14 | U | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 19 | U | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 17 | U | 17 | 25 | 50 | ug/L |

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CW8 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-03 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031296.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 19 | U | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 18 | U | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 12 | U | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 16 | U | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 13 | U | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 18 | U | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 8.6 | U | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 19 | U | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 19 | U | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 15 | U | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 17 | U | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 20 | U | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 19 | U | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 6 | U | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 17 | U | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 17 | U | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 18 | U | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 27 | U | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 19 | U | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 12 | U | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 17 | U | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 18 | U | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 17 | U | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 7.5 | U | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 20 | U | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 17 | U | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 17 | U | 17 | 50 | 50 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CW8 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-03 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031296.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 17 | U | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 14 | U | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 15 | U | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 17 | U | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 13 | U | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 16 | U | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 22 | U | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 20 | U | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 19 | U | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 20 | U | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 19 | U | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 18 | U | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 102.15 | | 20-120 | | 25 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 34.61 | | 15-120 | | 43 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 63.92 | | 10-130 | | 16 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 308.26 | | 25-120 | | 77 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 238.45 | | 20-130 | | 59 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 152.26 | | 25-125 | | 38 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 308.78 | | 20-125 | | 77 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 311.3 | | 20-130 | | 77 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 260.18 | | 20-120 | | 65 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 244.63 | | 1-146 | | 61 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 316.94 | | 25-130 | | 79 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 303.36 | | 10-130 | | 75 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 54.99 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 308.16 | | 25-125 | | 77 | SPK: -40 |

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/19/2024 12:00:00 AM |
| Client Sample ID: | E1CW8 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-03 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031296.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 299.74 | | 10-130 | | 74 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 329.86 | | 25-130 | | 82 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 369.08 | | 15-130 | | 92 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 341.26 | | 20-130 | | 85 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 229343 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1118668 | 10.393 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 804731 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1818677 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1709016 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1766935 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000638-11-9 | Isopropyl butyrate | 25 | J | | | 4.734 | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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# 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: | E1CX4 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-04 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031297.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | U | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 14 | U | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 8.5 | U | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 17 | U | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 15 | U | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 11 | U | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 15 | U | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 14 | U | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 21 | U | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 16 | U | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 14 | U | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 8.9 | U | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 14 | U | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 7.2 | U | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 14 | U | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 14 | U | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 17 | U | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 11 | U | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 13 | U | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 14 | U | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 15 | U | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 14 | U | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 19 | U | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 17 | U | 17 | 25 | 50 | ug/L |

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# 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: | E1CX4 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-04 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031297.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 19 | U | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 18 | U | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 12 | U | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 16 | U | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 13 | U | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 18 | U | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 8.6 | U | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 19 | U | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 19 | U | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 15 | U | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 17 | U | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 9.7 | U | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 20 | U | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 19 | U | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 6 | U | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 17 | U | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 17 | U | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 18 | U | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 27 | U | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 19 | U | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 12 | U | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 17 | U | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 18 | U | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 13 | U | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 17 | U | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 7.5 | U | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 20 | U | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 17 | U | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 17 | U | 17 | 50 | 50 | ug/L |

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# 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: | E1CX4 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-04 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031297.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 17 | U | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 14 | U | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 15 | U | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 17 | U | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 15 | U | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 13 | U | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 16 | U | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 22 | U | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 20 | U | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 19 | U | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 20 | U | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 19 | U | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 18 | U | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 35.22 | | 15-120 | | 44 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 102.41 | | 20-120 | | 25 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 71.09 | | 10-130 | | 17 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 334.1 | | 25-120 | | 83 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 256.86 | | 20-130 | | 64 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 166.17 | | 25-125 | | 41 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 331.75 | | 20-125 | | 82 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 331.62 | | 20-130 | | 82 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 278.65 | | 20-120 | | 69 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 253.35 | | 1-146 | | 63 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 313.16 | | 25-130 | | 78 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 307.91 | | 10-130 | | 77 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 53.39 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 312.7 | | 25-125 | | 78 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/22/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/22/2024 12:00:00 AM |
| Client Sample ID: | E1CX4 | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-04 | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031297.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 290.75 | | 10-130 | | 72 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 340.23 | | 25-130 | | 85 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 366.2 | | 15-130 | | 91 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 349.6 | | 20-130 | | 87 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 184636 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 910143 | 10.393 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 675475 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1486153 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1456521 | 21.251 | | | | |
| 1520-96-3 | Perylene-d12 | 1573694 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000638-11-9 | Isopropyl butyrate | 25 | J | | | 4.734 | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/22/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/22/2024 12:00:00 AM |
| Client Sample ID: | E1CX4MS | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-05MS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031298.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 43 | | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 370 | | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 120 | | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 79 | J | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 310 | | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 250 | | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 200 | | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 320 | | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 320 | | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 170 | | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 320 | | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 270 | | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 300 | | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 310 | | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 320 | | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 220 | | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 310 | | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 290 | | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 290 | | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 250 | | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 270 | | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 50 | J | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 280 | | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 300 | | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 300 | | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 220 | | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 320 | | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 320 | | 17 | 25 | 50 | ug/L |

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/22/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/22/2024 12:00:00 AM |
| Client Sample ID: | E1CX4MS | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-05MS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031298.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 310 | | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 300 | | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 370 | | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 330 | | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 370 | | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 300 | | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 340 | | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 300 | | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 360 | | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 80 | J | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 310 | | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 360 | | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 330 | | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 300 | | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 290 | | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 350 | | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 370 | | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 340 | | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 300 | | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 350 | | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 340 | | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 340 | | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 350 | | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 330 | | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 340 | | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 320 | | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 320 | | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 340 | | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 360 | | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 400 | | 17 | 50 | 50 | ug/L |

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Fax : 908 789 8922

# 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: | E1CX4MS | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-05MS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031298.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 390 | | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 420 | | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 330 | | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 340 | | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 350 | | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 370 | | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 450 | | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 380 | | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 370 | | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 310 | | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 320 | | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 310 | | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 300 | | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 340 | | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 38.37 | | 15-120 | | 48 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 108.69 | | 20-120 | | 27 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 74.65 | | 10-130 | | 18 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 325.07 | | 25-120 | | 81 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 260.01 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 170.2 | | 25-125 | | 42 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 329.05 | | 20-125 | | 82 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 330.34 | | 20-130 | | 82 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 285.1 | | 20-120 | | 71 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 265.61 | | 1-146 | | 66 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 340.64 | | 25-130 | | 85 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 325.58 | | 10-130 | | 81 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 78.47 | | 10-150 | | 19 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 323.87 | | 25-125 | | 81 | SPK: -40 |

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# 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: | E1CX4MS | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-05MS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031298.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 379.06 | | 10-130 | | 94 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 342.92 | | 25-130 | | 85 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 410.08 | | 15-130 | | 102 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 375.46 | | 20-130 | | 93 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 216861 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1073720 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 752288 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1594379 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1431871 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1576071 | 24.145 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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# 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: | E1CX4MSD | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-06MSD | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031299.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 50 | | 3.1 | 5 | 20 | ug/L |
| 100-52-7 | Benzaldehyde | 410 | | 14 | 50 | 100 | ug/L |
| 110-86-1 | Pyridine | 130 | | 8.5 | 100 | 100 | ug/L |
| 108-95-2 | Phenol | 89 | J | 17 | 50 | 100 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 350 | | 15 | 50 | 100 | ug/L |
| 95-57-8 | 2-Chlorophenol | 280 | | 11 | 25 | 50 | ug/L |
| 95-48-7 | 2-Methylphenol | 220 | | 15 | 50 | 100 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 350 | | 14 | 50 | 100 | ug/L |
| 98-86-2 | Acetophenone | 360 | | 21 | 50 | 100 | ug/L |
| 106-44-5 | 4-Methylphenol | 190 | | 16 | 50 | 100 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 360 | | 14 | 25 | 50 | ug/L |
| 67-72-1 | Hexachloroethane | 300 | | 8.9 | 25 | 50 | ug/L |
| 98-95-3 | Nitrobenzene | 340 | | 13 | 25 | 50 | ug/L |
| 78-59-1 | Isophorone | 350 | | 14 | 25 | 50 | ug/L |
| 88-75-5 | 2-Nitrophenol | 360 | | 14 | 25 | 50 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 250 | | 7.2 | 25 | 50 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 340 | | 14 | 25 | 50 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 320 | | 14 | 25 | 50 | ug/L |
| 91-20-3 | Naphthalene | 320 | | 15 | 25 | 50 | ug/L |
| 106-47-8 | 4-Chloroaniline | 280 | | 17 | 25 | 100 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 310 | | 11 | 25 | 50 | ug/L |
| 105-60-2 | Caprolactam | 57 | J | 13 | 50 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 310 | | 14 | 25 | 50 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 330 | | 9.7 | 25 | 50 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 340 | | 15 | 25 | 50 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 230 | | 14 | 50 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 360 | | 19 | 25 | 50 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 360 | | 17 | 25 | 50 | ug/L |

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# 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: | E1CX4MSD | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-06MSD | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031299.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 340 | | 19 | 25 | 50 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 330 | | 18 | 25 | 50 | ug/L |
| 88-74-4 | 2-Nitroaniline | 410 | | 12 | 25 | 50 | ug/L |
| 131-11-3 | Dimethylphthalate | 370 | | 16 | 25 | 50 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 410 | | 13 | 25 | 50 | ug/L |
| 208-96-8 | Acenaphthylene | 330 | | 18 | 25 | 50 | ug/L |
| 99-09-2 | 3-Nitroaniline | 380 | | 8.6 | 50 | 100 | ug/L |
| 83-32-9 | Acenaphthene | 330 | | 19 | 25 | 50 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 410 | | 19 | 50 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 90 | J | 15 | 50 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 340 | | 17 | 25 | 50 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 400 | | 9.7 | 25 | 50 | ug/L |
| 84-66-2 | Diethylphthalate | 360 | | 15 | 25 | 50 | ug/L |
| 86-73-7 | Fluorene | 330 | | 20 | 25 | 50 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 320 | | 19 | 25 | 50 | ug/L |
| 100-01-6 | 4-Nitroaniline | 380 | | 6 | 50 | 100 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 410 | | 17 | 50 | 100 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 360 | | 17 | 25 | 50 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 340 | | 18 | 25 | 50 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 370 | | 27 | 25 | 50 | ug/L |
| 118-74-1 | Hexachlorobenzene | 380 | | 19 | 25 | 50 | ug/L |
| 1912-24-9 | Atrazine | 370 | | 12 | 50 | 100 | ug/L |
| 87-86-5 | Pentachlorophenol | 360 | | 17 | 50 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 350 | | 18 | 25 | 50 | ug/L |
| 608-93-5 | Pentachlorobenzene | 360 | | 13 | 25 | 50 | ug/L |
| 120-12-7 | Anthracene | 340 | | 17 | 25 | 50 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 360 | | 7.5 | 25 | 50 | ug/L |
| 86-74-8 | Carbazole | 360 | | 20 | 50 | 100 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 380 | | 17 | 25 | 50 | ug/L |
| 206-44-0 | Fluoranthene | 430 | | 17 | 50 | 50 | ug/L |

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# 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: | E1CX4MSD | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-06MSD | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031299.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 420 | | 17 | 25 | 50 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 450 | | 15 | 25 | 50 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 350 | | 14 | 50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 380 | | 15 | 25 | 50 | ug/L |
| 218-01-9 | Chrysene | 380 | | 17 | 25 | 50 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 410 | | 15 | 25 | 50 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 480 | | 13 | 50 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 420 | | 16 | 25 | 50 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 390 | | 22 | 25 | 50 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 340 | | 20 | 25 | 50 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 350 | | 19 | 25 | 50 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 340 | | 20 | 25 | 50 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 330 | | 19 | 25 | 50 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 370 | | 18 | 25 | 50 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 38.95 | | 15-120 | | 48 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 123.93 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 84.11 | | 10-130 | | 21 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 364.16 | | 25-120 | | 91 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 287.06 | | 20-130 | | 71 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 187.01 | | 25-125 | | 46 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 367.66 | | 20-125 | | 91 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 375.13 | | 20-130 | | 93 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 320.56 | | 20-120 | | 80 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 301.45 | | 1-146 | | 75 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 376.36 | | 25-130 | | 94 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 358.24 | | 10-130 | | 89 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 88.68 | | 10-150 | | 22 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 350.04 | | 25-125 | | 87 | SPK: -40 |

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# 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: | E1CX4MSD | | | SDG No.: | BN042724 |
| Lab Sample ID: | P2204-06MSD | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031299.D | 10 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 417.76 | | 10-130 | | 104 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 368.57 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 435.85 | | 15-130 | | 109 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 394.67 | | 20-130 | | 98 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 207811 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 1020708 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 721278 | 14.263 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1560725 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1391003 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1546813 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 19 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLCS551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031300.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11 | | 0.31 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 41 | | 1.4 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 32 | | 0.85 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 34 | | 1.7 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 33 | | 1.5 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 35 | | 1.1 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 34 | | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 34 | | 1.4 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 33 | | 2.1 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 35 | | 1.6 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 34 | | 1.4 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 33 | | 0.89 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 33 | | 1.3 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 32 | | 1.4 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 36 | | 1.4 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 30 | | 0.72 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 33 | | 1.4 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 34 | | 1.4 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 31 | | 1.5 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 30 | | 1.7 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 31 | | 1.1 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 34 | | 1.3 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 35 | | 1.4 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 32 | | 0.97 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 32 | | 1.5 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 28 | | 1.4 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 34 | | 1.9 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 34 | | 1.7 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLCS551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031300.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 32 | | 1.9 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 32 | | 1.8 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 36 | | 1.2 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 32 | | 1.6 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 36 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 30 | | 1.8 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 36 | | 0.86 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 31 | | 1.9 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 36 | | 1.9 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 32 | | 1.5 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 31 | | 1.7 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 36 | | 0.97 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 32 | | 1.5 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 30 | | 2 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 30 | | 1.9 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 36 | | 0.6 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 37 | | 1.7 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 33 | | 1.7 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 33 | | 1.8 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 33 | | 2.7 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 33 | | 1.9 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 24 | | 1.2 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 32 | | 1.7 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 31 | | 1.8 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 33 | | 1.3 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 31 | | 1.7 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 35 | | 0.75 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 32 | | 2 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 34 | | 1.7 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 37 | | 1.7 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLCS551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031300.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 37 | | 1.7 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 39 | | 1.5 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 34 | | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 33 | | 1.5 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 33 | | 1.7 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 35 | | 1.5 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 44 | | 1.3 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 37 | | 1.6 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 35 | | 2.2 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 30 | | 2 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 30 | | 1.9 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 30 | | 2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 29 | | 1.9 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 32 | | 1.8 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.445 | | 15-120 | | 93 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 31.55 | | 20-120 | | 79 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 35.121 | | 10-130 | | 88 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 34.282 | | 25-120 | | 86 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 35.045 | | 20-130 | | 88 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 34.705 | | 25-125 | | 87 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.973 | | 20-125 | | 87 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 37.273 | | 20-130 | | 93 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.402 | | 20-120 | | 86 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 33.216 | | 1-146 | | 83 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 33.576 | | 25-130 | | 84 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 33.403 | | 10-130 | | 84 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 33.67 | | 10-150 | | 84 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 32.05 | | 25-125 | | 80 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 4/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 4/26/2024 12:00:00 AM |
| Client Sample ID: | SLCS551 | | | SDG No.: | BN042724 |
| Lab Sample ID: | PB160551BS | | | Matrix: | water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | 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 |
|---|---|---|---|---|
| BN031300.D | 1 | 4/26/2024 12:00:00 AM | 4/28/2024 12:00:00 AM | PB160551 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 37.493 | | 10-130 | | 94 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 33.243 | | 25-130 | | 83 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 37.951 | | 15-130 | | 95 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 35.259 | | 20-130 | | 88 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 200223 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 990676 | 10.399 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 688125 | 14.269 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1478215 | 17.016 | | | | |
| 1719-03-5 | Chrysene-d12 | 1350518 | 21.257 | | | | |
| 1520-96-3 | Perylene-d12 | 1438734 | 24.151 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.9 | U | | | 99 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID : C0RD1** | | | | | | | | | |
| P2161-18 | C0RD1 | Water | Benzene, 1,2,3-trichloro- | * | 2.900 | J | | | |
| P2161-18 | C0RD1 | Water | Benzene, 1,4-dichloro- | * | 2.000 | J | | | |
| P2161-18 | C0RD1 | Water | Benzene, chloro- | * | 2.700 | J | | | |
| P2161-18 | C0RD1 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | **7.60** | | | | |
| P2161-18 | C0RD1 | Water | 1,2,3,4-Tetrachlorobenzene | | 6.200 | | 0.75 | 5 | ug/L |
| | | | **Total Svoc :** | | **6.20** | | | | |
| | | | **Total Concentration:** | | **13.80** | | | | |
| **Client ID : C0RD6** | | | | | | | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,2,3-trichloro- | * | 210.000 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,2,4-trichloro- | * | 560.000 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,2-dichloro- | * | 2.600 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,3,5-trichloro- | * | 2.700 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,3-dichloro- | * | 16.000 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,3-dichloro-2-methyl- | * | 3.900 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,3-dichloro-5-methyl- | * | 4.400 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1,4-dichloro- | * | 20.000 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1-bromo-2-chloro- | * | 11.000 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1-bromo-4-chloro- | * | 7.100 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, 1-chloro-3-nitro- | * | 4.200 | J | | | |
| P2161-19 | C0RD6 | Water | Benzene, chloro- | * | 18.000 | J | | | |
| P2161-19 | C0RD6 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5.1 | ug/L |
| | | | **Total Tics :** | | **859.90** | | | | |
| P2161-19 | C0RD6 | Water | 1,2,3,4-Tetrachlorobenzene | | 58.000 | | 0.76 | 5.1 | ug/L |
| P2161-19 | C0RD6 | Water | 1,2,4,5-Tetrachlorobenzene | | 24.000 | | 1.8 | 5.1 | ug/L |
| P2161-19 | C0RD6 | Water | Nitrobenzene | | 25.000 | | 1.3 | 5.1 | ug/L |
| P2161-19 | C0RD6 | Water | Pentachlorobenzene | | 4.100 | J | 1.3 | 5.1 | ug/L |
| | | | **Total Svoc :** | | **111.10** | | | | |
| | | | **Total Concentration:** | | **971.00** | | | | |
| **Client ID : C0RD7** | | | | | | | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,2,4-trichloro- | * | 490.000 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,2-dichloro- | * | 28.000 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,2-dichloro-3-methyl- | * | 2.200 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,3,5-trichloro- | * | 1,000.000 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,3-dichloro- | * | 20.000 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1,4-dichloro- | * | 8.600 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, 1-bromo-2-chloro- | * | 6.500 | J | | | |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P2161-20 | C0RD7 | Water | Benzene, 1-bromo-4-chloro- | * | 11.000 | J | | | |
| P2161-20 | C0RD7 | Water | Benzene, chloro- | * | 22.000 | J | | | |
| P2161-20 | C0RD7 | Water | Ethanol, 2-(2-butoxyethoxy)- | * | 2.300 | J | | | |
| P2161-20 | C0RD7 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5.1 | ug/L |
| | | | **Total Tics :** | | **1,590.60** | | | | |
| P2161-20 | C0RD7 | Water | 1,2,3,4-Tetrachlorobenzene | | 110.000 | E | 0.77 | 5.1 | ug/L |
| P2161-20 | C0RD7 | Water | 1,2,4,5-Tetrachlorobenzene | | 64.000 | | 1.8 | 5.1 | ug/L |
| P2161-20 | C0RD7 | Water | 2-Chlorophenol | | 1.300 | J | 1.1 | 5.1 | ug/L |
| P2161-20 | C0RD7 | Water | Pentachlorobenzene | | 1.900 | J | 1.3 | 5.1 | ug/L |
| | | | **Total Svoc :** | | **177.20** | | | | |
| | | | **Total Concentration:** | | **1,767.80** | | | | |
| **Client ID :** | **C0R94** | | | | | | | | |
| P2184-01 | C0R94 | Water | Benzene, 1,4-dichloro- | * | 3.600 | J | | | |
| P2184-01 | C0R94 | Water | Benzene, chloro- | * | 6.200 | J | | | |
| P2184-01 | C0R94 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | **9.80** | | | | |
| | | | **Total Concentration:** | | **9.80** | | | | |
| **Client ID :** | **C0RE5** | | | | | | | | |
| P2184-02 | C0RE5 | Water | 2-Butenoic acid, 2-propenylidene | * | 2.200 | J | | | |
| P2184-02 | C0RE5 | Water | Benzenamine, 2,6-dichloro- | * | 7.800 | J | | | |
| P2184-02 | C0RE5 | Water | Benzenamine, 3,5-dichloro- | * | 3.200 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1,2,3-trichloro- | * | 210.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1,2-dichloro- | * | 74.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1,3,5-trichloro- | * | 600.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1,3-dichloro- | * | 20.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1,4-dichloro- | * | 49.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, 1-bromo-3-chloro- | * | 12.000 | J | | | |
| P2184-02 | C0RE5 | Water | Benzene, chloro- | * | 97.000 | J | | | |
| P2184-02 | C0RE5 | Water | Cyclopropanecarboxylic acid,buty | * | 2.500 | J | | | |
| P2184-02 | C0RE5 | Water | o-Chloroaniline | * | 78.000 | J | | | |
| P2184-02 | C0RE5 | Water | Phenol, 2,3,5-trichloro- | * | 2.200 | J | | | |
| P2184-02 | C0RE5 | Water | Phenol, 2,3-dichloro- | * | 9.600 | J | | | |
| P2184-02 | C0RE5 | Water | Phenol, 2,6-dichloro- | * | 37.000 | J | | | |
| P2184-02 | C0RE5 | Water | Phenol, 3,5-dichloro- | * | 9.100 | J | | | |
| P2184-02 | C0RE5 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | **1,213.60** | | | | |
| P2184-02 | C0RE5 | Water | 1,2,3,4-Tetrachlorobenzene | | 10.000 | | 0.75 | 5 | ug/L |
| P2184-02 | C0RE5 | Water | 1,2,4,5-Tetrachlorobenzene | | 6.600 | | 1.8 | 5 | ug/L |
| P2184-02 | C0RE5 | Water | 1,4-Dioxane | | 1.000 | J | 0.31 | 2 | ug/L |
| P2184-02 | C0RE5 | Water | 2-Chlorophenol | | 30.000 | | 1.1 | 5 | ug/L |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P2184-02 | C0RE5 | Water | 4-Chloroaniline | | 35.000 | | 1.7 | 10 | ug/L |
| P2184-02 | C0RE5 | Water | Acetophenone | | 2.400 | J | 2.1 | 10 | ug/L |
| P2184-02 | C0RE5 | Water | Phenol | | 8.500 | J | 1.7 | 10 | ug/L |
| | | | **Total Svoc :** | | | | **93.50** | | |
| | | | **Total Concentration:** | | | | **1,307.10** | | |
| **Client ID :** | **E1CZ0** | | | | | | | | |
| P2203-04 | E1CZ0 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | | **0.00** | | |
| | | | **Total Concentration:** | | | | **0.00** | | |
| **Client ID :** | **E1D02** | | | | | | | | |
| P2203-05 | E1D02 | Water | 1-Hexanol, 2-ethyl- | * | 4.300 | J | | | |
| P2203-05 | E1D02 | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | * | 2.900 | J | | | |
| P2203-05 | E1D02 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5.1 | ug/L |
| | | | **Total Tics :** | | | | **7.20** | | |
| | | | **Total Concentration:** | | | | **7.20** | | |
| **Client ID :** | **E1D03** | | | | | | | | |
| P2203-23 | E1D03 | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | * | 3.400 | J | | | |
| P2203-23 | E1D03 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | | **3.40** | | |
| | | | **Total Concentration:** | | | | **3.40** | | |
| **Client ID :** | **E1CZ1** | | | | | | | | |
| P2203-24 | E1CZ1 | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | * | 4.100 | J | | | |
| P2203-24 | E1CZ1 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | | **4.10** | | |
| | | | **Total Concentration:** | | | | **4.10** | | |
| **Client ID :** | **E1CX1** | | | | | | | | |
| P2204-01 | E1CX1 | water | Toluene | * | 38.000 | J | | | |
| P2204-01 | E1CX1 | water | Total Alkanes | * | 0.000 | D | 19 | 50 | ug/L |
| | | | **Total Tics :** | | | | **38.00** | | |
| | | | **Total Concentration:** | | | | **38.00** | | |
| **Client ID :** | **E1CW8** | | | | | | | | |
| P2204-03 | E1CW8 | water | Isopropyl butyrate | * | 25.000 | J | | | |
| P2204-03 | E1CW8 | water | Total Alkanes | * | 0.000 | D | 19 | 50 | ug/L |
| | | | **Total Tics :** | | | | **25.00** | | |
| | | | **Total Concentration:** | | | | **25.00** | | |
| **Client ID :** | **E1CX4** | | | | | | | | |
| P2204-04 | E1CX4 | water | Isopropyl butyrate | * | 25.000 | J | | | |
| P2204-04 | E1CX4 | water | Total Alkanes | * | 0.000 | D | 19 | 50 | ug/L |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Total Tics :** | | | **25.00** | | | |
| | | | **Total Concentration:** | | | **25.00** | | | |
| **Client ID :** | **C0AP6** | | | | | | | | |
| P2251-01 | C0AP6 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | **0.00** | | | |
| P2251-01 | C0AP6 | Water | 1,4-Dioxane | | 1.000 | J | 0.31 | 2 | ug/L |
| | | | **Total Svoc :** | | | **1.00** | | | |
| | | | **Total Concentration:** | | | **1.00** | | | |
| **Client ID :** | **C0AL2DL** | | | | | | | | |
| P2251-04DL | C0AL2DL | Water | .beta.-(1-Naphthyl)acrylic acid | * | 14.000 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 1(2H)-Acenaphthylenone | * | 6.800 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 2-Hydroxyfluorene | * | 4.400 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 4-Amino-9-fluorenone | * | 6.600 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 4H-Cyclopenta[def]phenanthrene | * | 7.100 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 6(5H)-Phenanthridinone | * | 10.000 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 9H-Carbazole, 9-methyl- | * | 4.200 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 9H-Fluoren-3-ol | * | 5.700 | JD | | | |
| P2251-04DL | C0AL2DL | Water | 9H-Fluoren-9-ol | * | 7.000 | JD | | | |
| P2251-04DL | C0AL2DL | Water | Benzo[b]thiophene, 2,3-dihydro- | * | 4.800 | JD | | | |
| P2251-04DL | C0AL2DL | Water | Benzo[h]quinoline | * | 4.200 | JD | | | |
| P2251-04DL | C0AL2DL | Water | Phenol, 2,4,6-trimethyl- | * | 5.200 | JD | | | |
| P2251-04DL | C0AL2DL | Water | unknown-01 | * | 5.700 | JD | | | |
| P2251-04DL | C0AL2DL | Water | Total Alkanes | * | 0.000 | D | 3.8 | 10 | ug/L |
| | | | **Total Tics :** | | | **85.70** | | | |
| P2251-04DL | C0AL2DL | Water | Acenaphthene | | 110.000 | D | 3.8 | 10 | ug/L |
| P2251-04DL | C0AL2DL | Water | Carbazole | | 5.200 | JD | 4 | 20 | ug/L |
| P2251-04DL | C0AL2DL | Water | Fluoranthene | | 13.000 | D | 3.4 | 10 | ug/L |
| P2251-04DL | C0AL2DL | Water | Fluorene | | 34.000 | D | 4 | 10 | ug/L |
| P2251-04DL | C0AL2DL | Water | Naphthalene | | 13.000 | D | 3 | 10 | ug/L |
| P2251-04DL | C0AL2DL | Water | Pyrene | | 6.600 | JD | 3.4 | 10 | ug/L |
| | | | **Total Svoc :** | | | **181.80** | | | |
| | | | **Total Concentration:** | | | **267.50** | | | |
| **Client ID :** | **C0RP7** | | | | | | | | |
| P2269-01 | C0RP7 | Water | 2H-1-Benzopyran, 3,4,4a,5,6,8a-h | * | 6.300 | J | | | |
| P2269-01 | C0RP7 | Water | 4-Chloro-2-nitrophenol | * | 2.200 | J | | | |
| P2269-01 | C0RP7 | Water | Benzene, 1-chloro-2-nitro- | * | 4.800 | J | | | |
| P2269-01 | C0RP7 | Water | Benzene, 1-chloro-3-nitro- | * | 19.000 | J | | | |
| P2269-01 | C0RP7 | Water | Total Alkanes | * | 0.000 | | 2 | 5.2 | ug/L |
| | | | **Total Tics :** | | | **32.30** | | | |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P2269-01 | C0RP7 | Water | 1,2,3,4-Tetrachlorobenzene | | 4.900 | J | 0.78 | 5.2 | ug/L |
| P2269-01 | C0RP7 | Water | 2-Chlorophenol | | 1.800 | J | 1.1 | 5.2 | ug/L |
| P2269-01 | C0RP7 | Water | 2-Nitrophenol | | 2.300 | J | 1.5 | 5.2 | ug/L |
| P2269-01 | C0RP7 | Water | Nitrobenzene | | 35.000 | | 1.4 | 5.2 | ug/L |
| | | | **Total Svoc :** | | | | **44.00** | | |
| | | | **Total Concentration:** | | | | **76.30** | | |
| **Client ID :** | **C0RP9** | | | | | | | | |
| P2269-02 | C0RP9 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5.1 | ug/L |
| | | | **Total Tics :** | | | | **0.00** | | |
| | | | **Total Concentration:** | | | | **0.00** | | |
| **Client ID :** | **C0RQ0** | | | | | | | | |
| P2269-03 | C0RQ0 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5.1 | ug/L |
| | | | **Total Tics :** | | | | **0.00** | | |
| | | | **Total Concentration:** | | | | **0.00** | | |
| **Client ID :** | **C0RQ1** | | | | | | | | |
| P2269-04 | C0RQ1 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | | **0.00** | | |
| | | | **Total Concentration:** | | | | **0.00** | | |
| **Client ID :** | **C0RQ2** | | | | | | | | |
| P2269-05 | C0RQ2 | Water | 1,6,11,16,21,26,31-Heptaoxacyclo | * | 4.100 | J | | | |
| P2269-05 | C0RQ2 | Water | 1,6,11,16,21,26-Hexaoxacyclotria | * | 3.100 | J | | | |
| P2269-05 | C0RQ2 | Water | 4-Chloro-2-nitrophenol | * | 4.200 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1,2-dichloro-3-methyl- | * | 3.100 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1,4-dichloro-2-methyl- | * | 2.000 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1-bromo-2-chloro- | * | 8.100 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1-bromo-4-chloro- | * | 14.000 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1-chloro-2-nitro- | * | 8.300 | J | | | |
| P2269-05 | C0RQ2 | Water | Benzene, 1-chloro-3-nitro- | * | 33.000 | J | | | |
| P2269-05 | C0RQ2 | Water | unknown-01 | * | 8.200 | J | | | |
| P2269-05 | C0RQ2 | Water | Total Alkanes | * | 0.000 | | 1.9 | 5 | ug/L |
| | | | **Total Tics :** | | | | **88.10** | | |
| P2269-05 | C0RQ2 | Water | 1,2,3,4-Tetrachlorobenzene | | 120.000 | E | 0.75 | 5 | ug/L |
| P2269-05 | C0RQ2 | Water | 1,2,4,5-Tetrachlorobenzene | | 60.000 | | 1.8 | 5 | ug/L |
| P2269-05 | C0RQ2 | Water | 2-Chlorophenol | | 5.300 | | 1.1 | 5 | ug/L |
| P2269-05 | C0RQ2 | Water | 2-Nitrophenol | | 3.300 | J | 1.4 | 5 | ug/L |
| P2269-05 | C0RQ2 | Water | Nitrobenzene | | 86.000 | E | 1.3 | 5 | ug/L |
| P2269-05 | C0RQ2 | Water | Pentachlorobenzene | | 3.800 | J | 1.3 | 5 | ug/L |
| | | | **Total Svoc :** | | | | **278.40** | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BN042724

**Client:**

| Sample ID | Client ID | | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| | | | **Total Concentration:** | | | **366.50** | | |
| **Client ID : SLEB520** | | | | | | | | |
| PB160520TB | SLEB520 | water | Total Alkanes | * 0.000 | D | 19 | 50 | ug/L |
| | | | **Total Tics :** | | | **0.00** | | |
| | | | **Total Concentration:** | | | **0.00** | | |

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: Calibration Date(s): 4/19/2024

Calibration Time(s): 17:44

LAB FILE ID: RRFAL1 = BN031045.D RRFAL2 = BN031046.D RRFAL3 = BN031047.D
RRFAL4 = BN031048.D RRFAL5 = BN031049.D RRFAL6 = BN031050.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 0.453 | 0.446 | 0.475 | 0.447 | 0.447 | | 0.454 | 2.7 |
| Benzaldehyde | | 0.864 | 1.015 | 0.921 | 0.768 | 0.574 | 0.828 | 20.3 |
| Pyridine | | 1.111 | 1.253 | 1.288 | 1.310 | 1.259 | 1.244 | 6.3 |
| Hexachloroethane | 0.544 | 0.558 | 0.586 | 0.574 | 0.571 | | 0.567 | 2.9 |
| Nitrobenzene | 0.310 | 0.322 | 0.361 | 0.355 | 0.348 | | 0.339 | 6.6 |
| Isophorone | 0.641 | 0.668 | 0.729 | 0.721 | 0.702 | | 0.692 | 5.4 |
| 2-Nitrophenol | 0.139 | 0.149 | 0.176 | 0.181 | 0.182 | | 0.165 | 11.8 |
| 2,4-Dimethylphenol | 0.325 | 0.326 | 0.356 | 0.345 | 0.334 | | 0.337 | 4.0 |
| Bis(2-Chloroethoxy)methane | 0.413 | 0.409 | 0.440 | 0.428 | 0.412 | | 0.420 | 3.2 |
| 2,4-Dichlorophenol | 0.275 | 0.280 | 0.308 | 0.306 | 0.302 | | 0.294 | 5.3 |
| Naphthalene | 1.019 | 1.030 | 1.089 | 1.046 | 0.998 | | 1.037 | 3.3 |
| 4-Chloroaniline | | 0.435 | 0.467 | 0.467 | 0.447 | 0.421 | 0.447 | 4.5 |
| Hexachlorobutadiene | 0.180 | 0.178 | 0.187 | 0.179 | 0.172 | | 0.179 | 3.0 |
| Phenol | | 1.605 | 1.748 | 1.809 | 1.798 | 1.738 | 1.739 | 4.7 |
| Caprolactam | | 0.099 | 0.115 | 0.119 | 0.124 | 0.123 | 0.116 | 8.8 |
| 4-Chloro-3-methylphenol | 0.314 | 0.327 | 0.354 | 0.358 | 0.352 | | 0.341 | 5.7 |
| 1-Methylnaphthalene | 0.735 | 0.736 | 0.772 | 0.746 | 0.708 | | 0.740 | 3.1 |
| 2-Methylnaphthalene | 0.729 | 0.721 | 0.759 | 0.742 | 0.704 | | 0.731 | 2.9 |
| Hexachlorocyclopentadiene | | 0.246 | 0.298 | 0.291 | 0.308 | 0.295 | 0.287 | 8.4 |
| 2,4,6-Trichlorophenol | 0.309 | 0.327 | 0.379 | 0.363 | 0.363 | | 0.348 | 8.3 |
| 2,4,5-Trichlorophenol | 0.352 | 0.370 | 0.409 | 0.403 | 0.398 | | 0.386 | 6.3 |
| 1,1-Biphenyl | 1.370 | 1.379 | 1.475 | 1.350 | 1.303 | | 1.376 | 4.6 |
| 2-Chloronaphthalene | 1.095 | 1.082 | 1.181 | 1.090 | 1.048 | | 1.099 | 4.5 |
| 2-Nitroaniline | 0.249 | 0.273 | 0.331 | 0.326 | 0.338 | | 0.303 | 13.1 |
| Bis(2-Chloroethyl)ether | | 1.340 | 1.418 | 1.434 | 1.370 | 1.300 | 1.372 | 4.0 |
| Dimethylphthalate | 1.407 | 1.397 | 1.545 | 1.434 | 1.396 | | 1.436 | 4.4 |
| 2,6-Dinitrotoluene | 0.220 | 0.234 | 0.292 | 0.296 | 0.306 | | 0.270 | 14.6 |
| Acenaphthylene | 1.798 | 1.829 | 1.998 | 1.838 | 1.749 | | 1.842 | 5.1 |
| 3-Nitroaniline | | 0.262 | 0.334 | 0.340 | 0.318 | 0.293 | 0.309 | 10.4 |
| Acenaphthene | 1.221 | 1.189 | 1.318 | 1.222 | 1.157 | | 1.221 | 4.9 |
| 2,4-Dinitrophenol | | 0.095 | 0.138 | 0.156 | 0.181 | 0.193 | 0.152 | 25.4 |
| 4-Nitrophenol | | 0.208 | 0.250 | 0.244 | 0.247 | 0.230 | 0.236 | 7.4 |
| Dibenzofuran | 1.680 | 1.668 | 1.825 | 1.675 | 1.595 | | 1.689 | 5.0 |
| 2,4-Dinitrotoluene | 0.333 | 0.365 | 0.444 | 0.453 | 0.453 | | 0.410 | 13.8 |
| Diethylphthalate | 1.396 | 1.438 | 1.590 | 1.506 | 1.454 | | 1.477 | 5.0 |
| 2-Chlorophenol | 1.256 | 1.316 | 1.394 | 1.440 | 1.421 | | 1.365 | 5.6 |

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: Calibration Date(s): 4/19/2024

Calibration Time(s): 17:44

LAB FILE ID: RRFAL1 = BN031045.D RRFAL2 = BN031046.D RRFAL3 = BN031047.D
RRFAL4 = BN031048.D RRFAL5 = BN031049.D RRFAL6 = BN031050.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Fluorene | 1.417 | 1.418 | 1.520 | 1.384 | 1.208 | | 1.390 | 8.2 |
| 4-Chlorophenyl-phenylether | 0.681 | 0.680 | 0.717 | 0.647 | 0.585 | | 0.662 | 7.5 |
| 4-Nitroaniline | | 0.309 | 0.384 | 0.357 | 0.337 | 0.280 | 0.334 | 12.1 |
| 4,6-Dinitro-2-methylphenol | | 0.086 | 0.107 | 0.116 | 0.117 | 0.116 | 0.108 | 12.1 |
| N-Nitrosodiphenylamine | 0.526 | 0.550 | 0.572 | 0.545 | 0.489 | | 0.536 | 5.8 |
| 1,2,4,5-Tetrachlorobenzene | 0.523 | 0.506 | 0.568 | 0.522 | 0.498 | | 0.523 | 5.1 |
| 4-Bromophenyl-phenylether | 0.183 | 0.190 | 0.196 | 0.198 | 0.179 | | 0.189 | 4.4 |
| Hexachlorobenzene | 0.217 | 0.221 | 0.226 | 0.221 | 0.205 | | 0.218 | 3.7 |
| Atrazine | | 0.186 | 0.205 | 0.201 | 0.180 | 0.169 | 0.188 | 8.1 |
| Pentachlorophenol | | 0.127 | 0.144 | 0.150 | 0.146 | 0.141 | 0.142 | 6.2 |
| 2-Methylphenol | | 1.228 | 1.385 | 1.396 | 1.383 | 1.347 | 1.348 | 5.1 |
| Phenanthrene | 1.074 | 1.093 | 1.118 | 1.061 | 0.943 | | 1.058 | 6.4 |
| Pentachlorobenzene | 0.245 | 0.251 | 0.250 | 0.241 | 0.224 | | 0.242 | 4.5 |
| Anthracene | 1.086 | 1.083 | 1.129 | 1.100 | 0.955 | | 1.071 | 6.3 |
| 1,2,3,4-Tetrachlorobenzene | 0.231 | 0.238 | 0.249 | 0.237 | 0.218 | | 0.235 | 4.8 |
| Carbazole | | 1.023 | 1.074 | 1.049 | 0.923 | 0.820 | 0.978 | 10.8 |
| Di-n-butylphthalate | 1.076 | 1.156 | 1.301 | 1.254 | 1.173 | | 1.192 | 7.4 |
| Fluoranthene | 1.109 | 1.134 | 1.265 | 1.181 | 1.127 | | 1.163 | 5.4 |
| Pyrene | 1.170 | 1.249 | 1.325 | 1.217 | 1.150 | | 1.222 | 5.7 |
| Butylbenzylphthalate | 0.453 | 0.507 | 0.580 | 0.573 | 0.583 | | 0.539 | 10.7 |
| 3,3-Dichlorobenzidine | | 0.423 | 0.471 | 0.430 | 0.409 | 0.351 | 0.417 | 10.4 |
| 2,2-oxybis(1-Chloropropane) | | 1.787 | 1.846 | 1.857 | 1.765 | 1.692 | 1.789 | 3.7 |
| Benzo(a)anthracene | 1.350 | 1.350 | 1.453 | 1.336 | 1.302 | | 1.358 | 4.2 |
| Chrysene | 1.294 | 1.309 | 1.357 | 1.279 | 1.207 | | 1.289 | 4.3 |
| Bis(2-ethylhexyl)phthalate | 0.747 | 0.795 | 0.889 | 0.837 | 0.780 | | 0.810 | 6.8 |
| Di-n-octyl phthalate | | 1.110 | 1.272 | 1.208 | 1.142 | 1.032 | 1.153 | 8.0 |
| Benzo(b)fluoranthene | 1.061 | 1.137 | 1.235 | 1.129 | 1.064 | | 1.125 | 6.3 |
| Benzo(k)fluoranthene | 1.132 | 1.196 | 1.196 | 1.088 | 1.047 | | 1.132 | 5.8 |
| Benzo(a)pyrene | 1.106 | 1.134 | 1.209 | 1.103 | 1.061 | | 1.123 | 4.9 |
| Indeno(1,2,3-cd)pyrene | 1.293 | 1.386 | 1.499 | 1.407 | 1.380 | | 1.393 | 5.3 |
| Dibenzo(a,h)anthracene | 1.059 | 1.136 | 1.240 | 1.163 | 1.120 | | 1.143 | 5.8 |
| Benzo(g,h,i)perylene | 1.037 | 1.110 | 1.200 | 1.137 | 1.125 | | 1.122 | 5.2 |
| Acetophenone | | 2.192 | 2.298 | 2.317 | 2.174 | 2.011 | 2.198 | 5.6 |
| 2,3,4,6-Tetrachlorophenol | 0.297 | 0.311 | 0.361 | 0.346 | 0.354 | | 0.334 | 8.5 |
| 1,4-Dioxane-d8 | 0.447 | 0.421 | 0.435 | 0.420 | 0.417 | | 0.428 | 2.9 |
| Pyridine-d5 | | 1.070 | 1.272 | 1.250 | 1.306 | 1.267 | 1.233 | 7.6 |

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: Calibration Date(s): 4/19/2024

Calibration Time(s): 17:44

LAB FILE ID: RRFAL1 = BN031045.D RRFAL2 = BN031046.D RRFAL3 = BN031047.D
RRFAL4 = BN031048.D RRFAL5 = BN031049.D RRFAL6 = BN031050.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Phenol-d5 | | 1.495 | 1.684 | 1.756 | 1.763 | 1.738 | 1.687 | 6.6 |
| Bis-(2-Chloroethyl)ether-d8 | | 0.954 | 1.025 | 1.017 | 0.981 | 0.931 | 0.982 | 4.1 |
| 2-Chlorophenol-d4 | 1.194 | 1.251 | 1.355 | 1.406 | 1.362 | | 1.314 | 6.7 |
| 4-Methylphenol-d8 | | 1.292 | 1.431 | 1.503 | 1.445 | 1.422 | 1.419 | 5.5 |
| Nitrobenzene-d5 | 0.129 | 0.135 | 0.151 | 0.151 | 0.152 | | 0.144 | 7.5 |
| 2-Nitrophenol-d4 | 0.124 | 0.136 | 0.155 | 0.162 | 0.169 | | 0.149 | 12.6 |
| 2,4-Dichlorophenol-d3 | 0.269 | 0.281 | 0.314 | 0.308 | 0.301 | | 0.295 | 6.4 |
| 4-Chloroaniline-d4 | | 0.449 | 0.477 | 0.474 | 0.465 | 0.437 | 0.460 | 3.7 |
| 4-Methylphenol | | 1.417 | 1.542 | 1.581 | 1.527 | 1.482 | 1.510 | 4.2 |
| Dimethylphthalate-d6 | 1.330 | 1.354 | 1.501 | 1.411 | 1.363 | | 1.392 | 4.9 |
| Acenaphthylene-d8 | 1.510 | 1.535 | 1.683 | 1.614 | 1.544 | | 1.577 | 4.5 |
| 4-Nitrophenol-d4 | | 0.244 | 0.308 | 0.303 | 0.307 | 0.289 | 0.290 | 9.2 |
| Fluorene-d10 | 1.186 | 1.190 | 1.302 | 1.213 | 1.167 | | 1.212 | 4.4 |
| 4,6-Dinitro-2-methylphenol- | | 0.078 | 0.095 | 0.108 | 0.110 | 0.112 | 0.101 | 14.1 |
| Anthracene-d10 | 0.844 | 0.865 | 0.927 | 0.889 | 0.809 | | 0.867 | 5.2 |
| Pyrene-d10 | 0.936 | 0.980 | 1.040 | 0.989 | 0.969 | | 0.983 | 3.8 |
| Benzo(a)pyrene-d12 | 0.901 | 0.950 | 1.021 | 0.946 | 0.925 | | 0.948 | 4.7 |
| N-Nitroso-di-n-propylamine | 1.025 | 1.066 | 1.140 | 1.161 | 1.087 | | 1.096 | 5.1 |

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020219 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 13:25

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 107649 | 7.64 | 500622 | 10.42 | 346406 | 14.28 |
| | UPPER LIMIT | 215298 | 8.14 | 1001244 | 10.916 | 692812 | 14.781 |
| | LOWER LIMIT | 53824.5 | 7.14 | 250311 | 9.916 | 173203 | 13.781 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK384 | 268013 * | 7.62 | 1.25156e * | 10.40 | 909458 * | 14.27 |
| 02 | SBLK401 | 198689 | 7.62 | 952736 | 10.40 | 698646 * | 14.27 |
| 03 | C0RD1 | 192161 | 7.62 | 896894 | 10.40 | 637928 | 14.27 |
| 04 | C0RD6 | 194491 | 7.63 | 960649 | 10.41 | 689132 | 14.27 |
| 05 | C0RD7 | 133753 | 7.64 | 864324 | 10.42 | 600448 | 14.27 |
| 06 | C0R94 | 202546 | 7.62 | 973526 | 10.40 | 676118 | 14.27 |
| 07 | C0RE5 | 85106 | 7.65 | 970247 | 10.42 | 635857 | 14.27 |
| 08 | C0RP7 | 187539 | 7.62 | 920920 | 10.40 | 663763 | 14.27 |
| 09 | C0RP9 | 231668 * | 7.62 | 1.12356e * | 10.40 | 799925 * | 14.27 |
| 10 | C0RQ0 | 212995 | 7.62 | 1.03208e * | 10.40 | 751764 * | 14.27 |
| 11 | C0RQ1 | 195873 | 7.62 | 972406 | 10.40 | 703676 * | 14.27 |
| 12 | C0AL2DL | 298625 * | 7.62 | 1.43832e * | 10.40 | 967352 * | 14.27 |
| 13 | SLCS538 | 230333 * | 7.62 | 1.12218e * | 10.40 | 789741 * | 14.27 |
| 14 | SBLK538 | 218283 * | 7.62 | 1.04945e * | 10.40 | 771034 * | 14.27 |
| 15 | SBLK492 | 213563 | 7.62 | 1.03504e * | 10.40 | 741066 * | 14.27 |
| 16 | C0RQ2 | 120666 | 7.65 | 983539 | 10.43 | 670109 | 14.27 |
| 17 | E1CZ0 | 219771 * | 7.62 | 1.0536e+ * | 10.40 | 767305 * | 14.27 |
| 18 | E1D02 | 186891 | 7.62 | 932842 | 10.40 | 678959 | 14.27 |
| 19 | E1D03 | 194297 | 7.62 | 945334 | 10.40 | 706621 * | 14.27 |
| 20 | E1CZ1 | 188814 | 7.62 | 918389 | 10.40 | 674646 | 14.27 |
| 21 | C0AP6 | 211386 | 7.62 | 1.03411e * | 10.40 | 753225 * | 14.27 |
| 22 | SLCS492 | 186793 | 7.62 | 909538 | 10.40 | 628470 | 14.27 |
| 23 | SBLK551 | 188966 | 7.62 | 929016 | 10.40 | 687290 | 14.26 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020219 Date Analyzed: Apr 28 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 07:15

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 107649 | 7.64 | 500622 | 10.42 | 346406 | 14.28 |
| | UPPER LIMIT | 215298 | 8.14 | 1001244 | 10.916 | 692812 | 14.781 |
| | LOWER LIMIT | 53824.5 | 7.14 | 250311 | 9.916 | 173203 | 13.781 |
| | EPA SAMPLE NO. | | | | | | |
| 24 | SLEB520 | 176441 | 7.62 | 846989 | 10.39 | 623437 | 14.26 |
| 25 | E1CX1 | 218469 * | 7.62 | 1.07418e * | 10.40 | 766036 * | 14.26 |
| 26 | E1CW8 | 229343 * | 7.62 | 1.11867e * | 10.39 | 804731 * | 14.26 |
| 27 | E1CX4 | 184636 | 7.62 | 910143 | 10.39 | 675475 | 14.26 |
| 28 | E1CX4MS | 216861 * | 7.62 | 1.07372e * | 10.40 | 752288 * | 14.27 |
| 29 | E1CX4MSD | 207811 | 7.62 | 1.02071e * | 10.40 | 721278 * | 14.26 |
| 30 | SLCS551 | 200223 | 7.62 | 990676 | 10.40 | 688125 | 14.27 |

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020386 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031268.D Time Analyzed: 13:25

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 283548 | 7.622 | 1.3843e+00 | 10.40 | 948579 | 14.27 |
| | UPPER LIMIT | 567096 | 8.122 | 2768600 | 10.899 | 1897158 | 14.769 |
| | LOWER LIMIT | 141774 | 7.122 | 692150 | 9.899 | 474289.5 | 13.769 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK384 | 268013 | 7.62 | 1.25156e | 10.40 | 909458 | 14.27 |
| 02 | SBLK401 | 198689 | 7.62 | 952736 | 10.40 | 698646 | 14.27 |
| 03 | C0RD1 | 192161 | 7.62 | 896894 | 10.40 | 637928 | 14.27 |
| 04 | C0RD6 | 194491 | 7.63 | 960649 | 10.41 | 689132 | 14.27 |
| 05 | C0RD7 | 133753 * | 7.64 | 864324 | 10.42 | 600448 | 14.27 |
| 06 | C0R94 | 202546 | 7.62 | 973526 | 10.40 | 676118 | 14.27 |
| 07 | C0RE5 | 85106 * | 7.65 | 970247 | 10.42 | 635857 | 14.27 |
| 08 | C0RP7 | 187539 | 7.62 | 920920 | 10.40 | 663763 | 14.27 |
| 09 | C0RP9 | 231668 | 7.62 | 1.12356e | 10.40 | 799925 | 14.27 |
| 10 | C0RQ0 | 212995 | 7.62 | 1.03208e | 10.40 | 751764 | 14.27 |
| 11 | C0RQ1 | 195873 | 7.62 | 972406 | 10.40 | 703676 | 14.27 |
| 12 | C0AL2DL | 298625 | 7.62 | 1.43832e | 10.40 | 967352 | 14.27 |
| 13 | SLCS538 | 230333 | 7.62 | 1.12218e | 10.40 | 789741 | 14.27 |

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020387 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031282.D Time Analyzed: 23:19

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 254743 | 7.616 | 1.24761e+0( | 10.40 | 861011 | 14.27 |
| | UPPER LIMIT | 509486 | 8.116 | 2495220 | 10.898 | 1722022 | 14.769 |
| | LOWER LIMIT | 127371.5 | 7.116 | 623805 | 9.898 | 430505.5 | 13.769 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK538 | 218283 | 7.62 | 1.04945e | 10.40 | 771034 | 14.27 |
| 02 | SBLK492 | 213563 | 7.62 | 1.03504e | 10.40 | 741066 | 14.27 |
| 03 | C0RQ2 | 120666 * | 7.65 | 983539 | 10.43 | 670109 | 14.27 |
| 04 | E1CZ0 | 219771 | 7.62 | 1.0536e+ | 10.40 | 767305 | 14.27 |
| 05 | E1D02 | 186891 | 7.62 | 932842 | 10.40 | 678959 | 14.27 |
| 06 | E1D03 | 194297 | 7.62 | 945334 | 10.40 | 706621 | 14.27 |
| 07 | E1CZ1 | 188814 | 7.62 | 918389 | 10.40 | 674646 | 14.27 |
| 08 | C0AP6 | 211386 | 7.62 | 1.03411e | 10.40 | 753225 | 14.27 |
| 09 | SLCS492 | 186793 | 7.62 | 909538 | 10.40 | 628470 | 14.27 |

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
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RT UPPER LIMIT = -0.50 minutes of internal standard RT

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020388 Date Analyzed: Apr 28 2024 12:00AM

Lab File ID: BN031292.D Time Analyzed: 06:36

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 253989 | 7.616 | 1.23503e+0( | 10.40 | 866546 | 14.27 |
| | UPPER LIMIT | 507978 | 8.116 | 2470060 | 10.899 | 1733092 | 14.769 |
| | LOWER LIMIT | 126994.5 | 7.116 | 617515 | 9.899 | 433273 | 13.769 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK551 | 188966 | 7.62 | 929016 | 10.40 | 687290 | 14.26 |
| 02 | SLEB520 | 176441 | 7.62 | 846989 | 10.39 | 623437 | 14.26 |
| 03 | E1CX1 | 218469 | 7.62 | 1.07418e | 10.40 | 766036 | 14.26 |
| 04 | E1CW8 | 229343 | 7.62 | 1.11867e | 10.39 | 804731 | 14.26 |
| 05 | E1CX4 | 184636 | 7.62 | 910143 | 10.39 | 675475 | 14.26 |
| 06 | E1CX4MS | 216861 | 7.62 | 1.07372e | 10.40 | 752288 | 14.27 |
| 07 | E1CX4MSD | 207811 | 7.62 | 1.02071e | 10.40 | 721278 | 14.26 |
| 08 | SLCS551 | 200223 | 7.62 | 990676 | 10.40 | 688125 | 14.27 |

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020219 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 13:25

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 798190 | 17.034 | 890034 | 21.269 | 1.14789e+0( | 24.168 |
| | UPPER LIMIT | 1596380 | 17.534 | 1780068 | 21.769 | 2295780 | 24.668 |
| | LOWER LIMIT | 399095 | 16.534 | 445017 | 20.769 | 573945 | 23.668 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK384 | 2.0173e* | 17.02 | 1.89162e+ * | 21.26 | 2.00694e+ | 24.15 |
| 02 | SBLK401 | 1.53822 | 17.02 | 1.43974e+ | 21.26 | 1.51722e+ | 24.15 |
| 03 | C0RD1 | 1.44369 | 17.02 | 1.30222e+ | 21.26 | 1.36543e+ | 24.15 |
| 04 | C0RD6 | 1.55589 | 17.02 | 1.46023e+ | 21.26 | 1.52865e+ | 24.15 |
| 05 | C0RD7 | 1.33436 | 17.02 | 1.33273e+ | 21.26 | 1.39242e+ | 24.15 |
| 06 | C0R94 | 1.46167 | 17.02 | 1.32886e+ | 21.26 | 1.34759e+ | 24.15 |
| 07 | C0RE5 | 1.40964 | 17.02 | 1.28228e+ | 21.26 | 1.23762e+ | 24.15 |
| 08 | C0RP7 | 1.43613 | 17.02 | 1.3626e+0 | 21.26 | 1.45005e+ | 24.15 |
| 09 | C0RP9 | 1.7692e* | 17.02 | 1.65354e+ | 21.26 | 1.72879e+ | 24.15 |
| 10 | C0RQ0 | 1.65637* | 17.02 | 1.55446e+ | 21.26 | 1.60577e+ | 24.15 |
| 11 | C0RQ1 | 1.52238 | 17.02 | 1.39924e+ | 21.26 | 1.41887e+ | 24.15 |
| 12 | C0AL2DL | 2.02084* | 17.02 | 1.78941e+ * | 21.26 | 1.77368e+ | 24.15 |
| 13 | SLCS538 | 1.66825* | 17.02 | 1.47838e+ | 21.26 | 1.59957e+ | 24.16 |
| 14 | SBLK538 | 1.70218* | 17.02 | 1.56275e+ | 21.25 | 1.62429e+ | 24.15 |
| 15 | SBLK492 | 1.61554* | 17.02 | 1.49177e+ | 21.25 | 1.47186e+ | 24.15 |
| 16 | C0RQ2 | 1.50107 | 17.02 | 1.40322e+ | 21.25 | 1.47118e+ | 24.15 |
| 17 | E1CZ0 | 1.66622* | 17.02 | 1.53383e+ | 21.25 | 1.6253e+0 | 24.15 |
| 18 | E1D02 | 1.49456 | 17.02 | 1.37162e+ | 21.26 | 1.41993e+ | 24.15 |
| 19 | E1D03 | 1.60127* | 17.02 | 1.46596e+ | 21.25 | 1.49604e+ | 24.15 |
| 20 | E1CZ1 | 1.48349 | 17.02 | 1.35571e+ | 21.25 | 1.40936e+ | 24.15 |
| 21 | C0AP6 | 1.65402* | 17.02 | 1.51811e+ | 21.25 | 1.61881e+ | 24.15 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020219 Date Analyzed: Apr 28 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 04:37

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 798190 | 17.034 | 890034 | 21.269 | 1.14789e+0( | 24.168 |
| | UPPER LIMIT | 1596380 | 17.534 | 1780068 | 21.769 | 2295780 | 24.668 |
| | LOWER LIMIT | 399095 | 16.534 | 445017 | 20.769 | 573945 | 23.668 |
| | EPA SAMPLE NO. | | | | | | |
| 22 | SLCS492 | 1.39256 | 17.02 | 1.26867e+ | 21.26 | 1.40018e+ | 24.15 |
| 23 | SBLK551 | 1.54367 | 17.02 | 1.4903e+0 | 21.25 | 1.53048e+ | 24.15 |
| 24 | SLEB520 | 1.34913 | 17.02 | 1.30746e+ | 21.25 | 1.33618e+ | 24.15 |
| 25 | E1CX1 | 1.68388* | 17.02 | 1.62225e+ | 21.25 | 1.65637e+ | 24.15 |
| 26 | E1CW8 | 1.81868* | 17.02 | 1.70902e+ | 21.25 | 1.76694e+ | 24.15 |
| 27 | E1CX4 | 1.48615 | 17.02 | 1.45652e+ | 21.25 | 1.57369e+ | 24.15 |
| 28 | E1CX4MS | 1.59438 | 17.02 | 1.43187e+ | 21.26 | 1.57607e+ | 24.15 |
| 29 | E1CX4MSD | 1.56073 | 17.02 | 1.391e+00 | 21.26 | 1.54681e+ | 24.15 |
| 30 | SLCS551 | 1.47822 | 17.02 | 1.35052e+ | 21.26 | 1.43873e+ | 24.15 |

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020386 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031268.D Time Analyzed: 13:25

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 2.07132e+0( | 17.022 | 1.86636e+ | 21.257 | 2.05968e+0( | 24.157 |
| | UPPER LIMIT | 4142640 | 17.522 | 3732720 | 21.757 | 4119360 | 24.657 |
| | LOWER LIMIT | 1035660 | 16.522 | 933180 | 20.757 | 1029840 | 23.657 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK384 | 2.0173e | 17.02 | 1.89162e+ | 21.26 | 2.00694e+ | 24.15 |
| 02 | SBLK401 | 1.53822 | 17.02 | 1.43974e+ | 21.26 | 1.51722e+ | 24.15 |
| 03 | C0RD1 | 1.44369 | 17.02 | 1.30222e+ | 21.26 | 1.36543e+ | 24.15 |
| 04 | C0RD6 | 1.55589 | 17.02 | 1.46023e+ | 21.26 | 1.52865e+ | 24.15 |
| 05 | C0RD7 | 1.33436 | 17.02 | 1.33273e+ | 21.26 | 1.39242e+ | 24.15 |
| 06 | C0R94 | 1.46167 | 17.02 | 1.32886e+ | 21.26 | 1.34759e+ | 24.15 |
| 07 | C0RE5 | 1.40964 | 17.02 | 1.28228e+ | 21.26 | 1.23762e+ | 24.15 |
| 08 | C0RP7 | 1.43613 | 17.02 | 1.3626e+0 | 21.26 | 1.45005e+ | 24.15 |
| 09 | C0RP9 | 1.7692e | 17.02 | 1.65354e+ | 21.26 | 1.72879e+ | 24.15 |
| 10 | C0RQ0 | 1.65637 | 17.02 | 1.55446e+ | 21.26 | 1.60577e+ | 24.15 |
| 11 | C0RQ1 | 1.52238 | 17.02 | 1.39924e+ | 21.26 | 1.41887e+ | 24.15 |
| 12 | C0AL2DL | 2.02084 | 17.02 | 1.78941e+ | 21.26 | 1.77368e+ | 24.15 |
| 13 | SLCS538 | 1.66825 | 17.02 | 1.47838e+ | 21.26 | 1.59957e+ | 24.16 |

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020387 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BN031282.D Time Analyzed: 23:19

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1.86916e+0( | 17.021 | 1.69491e+ | 21.257 | 1.80971e+0( | 24.151 |
| | UPPER LIMIT | 3738320 | 17.521 | 3389820 | 21.757 | 3619420 | 24.651 |
| | LOWER LIMIT | 934580 | 16.521 | 847455 | 20.757 | 904855 | 23.651 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK538 | 1.70218 | 17.02 | 1.56275e+ | 21.25 | 1.62429e+ | 24.15 |
| 02 | SBLK492 | 1.61554 | 17.02 | 1.49177e+ | 21.25 | 1.47186e+ | 24.15 |
| 03 | C0RQ2 | 1.50107 | 17.02 | 1.40322e+ | 21.25 | 1.47118e+ | 24.15 |
| 04 | E1CZ0 | 1.66622 | 17.02 | 1.53383e+ | 21.25 | 1.6253e+0 | 24.15 |
| 05 | E1D02 | 1.49456 | 17.02 | 1.37162e+ | 21.26 | 1.41993e+ | 24.15 |
| 06 | E1D03 | 1.60127 | 17.02 | 1.46596e+ | 21.25 | 1.49604e+ | 24.15 |
| 07 | E1CZ1 | 1.48349 | 17.02 | 1.35571e+ | 21.25 | 1.40936e+ | 24.15 |
| 08 | C0AP6 | 1.65402 | 17.02 | 1.51811e+ | 21.25 | 1.61881e+ | 24.15 |
| 09 | SLCS492 | 1.39256 | 17.02 | 1.26867e+ | 21.26 | 1.40018e+ | 24.15 |

IS4 (PHN) = Phenanthrene-d10
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IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
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RT UPPER LIMIT = -0.50 minutes of internal standard RT

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

EPA Sample No.: SSTD020388 Date Analyzed: Apr 28 2024 12:00AM

Lab File ID: BN031292.D Time Analyzed: 06:36

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1.90578e+0( | 17.016 | 1.76285e+ | 21.257 | 1.82898e+0( | 24.145 |
| | UPPER LIMIT | 3811560 | 17.516 | 3525700 | 21.757 | 3657960 | 24.645 |
| | LOWER LIMIT | 952890 | 16.516 | 881425 | 20.757 | 914490 | 23.645 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK551 | 1.54367 | 17.02 | 1.4903e+0 | 21.25 | 1.53048e+ | 24.15 |
| 02 | SLEB520 | 1.34913 | 17.02 | 1.30746e+ | 21.25 | 1.33618e+ | 24.15 |
| 03 | E1CX1 | 1.68388 | 17.02 | 1.62225e+ | 21.25 | 1.65637e+ | 24.15 |
| 04 | E1CW8 | 1.81868 | 17.02 | 1.70902e+ | 21.25 | 1.76694e+ | 24.15 |
| 05 | E1CX4 | 1.48615 | 17.02 | 1.45652e+ | 21.25 | 1.57369e+ | 24.15 |
| 06 | E1CX4MS | 1.59438 | 17.02 | 1.43187e+ | 21.26 | 1.57607e+ | 24.15 |
| 07 | E1CX4MSD | 1.56073 | 17.02 | 1.391e+00 | 21.26 | 1.54681e+ | 24.15 |
| 08 | SLCS551 | 1.47822 | 17.02 | 1.35052e+ | 21.26 | 1.43873e+ | 24.15 |

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.

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160492BS | 1,4-Dioxane | 16 | 11 | ug/L | 69 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Pyridine | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Phenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Acetophenone | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Isophorone | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Naphthalene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Caprolactam | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Fluorene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160492BS | 4,6-Dinitro-2-methylphenol | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Atrazine | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Anthracene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Carbazole | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Pyrene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Chrysene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 40 | ug/L | 100 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160538BS | 1,4-Dioxane | 16 | 9 | ug/L | 56 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Pyridine | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Phenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Acetophenone | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Isophorone | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Naphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Caprolactam | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Fluorene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160538BS | 4,6-Dinitro-2-methylphenol | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Atrazine | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Anthracene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Carbazole | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Pyrene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Chrysene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160551BS | 1,4-Dioxane | 16 | 11 | ug/L | 69 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 41 | ug/L | 103 | | | | 0 | 0 | |
| | Pyridine | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Phenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Acetophenone | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Isophorone | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Naphthalene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Caprolactam | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Fluorene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC **DataFile:**

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB160551BS | 4,6-Dinitro-2-methylphenol | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Atrazine | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Anthracene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Carbazole | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Pyrene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Chrysene | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 44 | ug/L | 110 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK384

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031269.D Lab Sample ID: PB160384BL

Instrument ID: BNA_N Date Extracted: 04/18/2024

Matrix: (soil/water) Water Date Analyzed: 04/27/2024

Level: (low/med) LOW Time Analyzed: 13:25

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK401

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031270.D Lab Sample ID: PB160401BL

Instrument ID: BNA_N Date Extracted: 04/19/2024

Matrix: (soil/water) Water Date Analyzed: 04/27/2024

Level: (low/med) LOW Time Analyzed: 14:05

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| C0RD1 | P2161-18 | BN031271.D | 04/27/2024 |
| C0RD6 | P2161-19 | BN031272.D | 04/27/2024 |
| C0RD7 | P2161-20 | BN031273.D | 04/27/2024 |
| C0R94 | P2184-01 | BN031274.D | 04/27/2024 |
| C0RE5 | P2184-02 | BN031275.D | 04/27/2024 |

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK492

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031284.D Lab Sample ID: PB160492BL

Instrument ID: BNA_N Date Extracted: 04/24/2024

Matrix: (soil/water) Water Date Analyzed: 04/27/2024

Level: (low/med) LOW Time Analyzed: 23:59

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| E1CZ0 | P2203-04 | BN031286.D | 04/28/2024 |
| E1D02 | P2203-05 | BN031287.D | 04/28/2024 |
| E1D03 | P2203-23 | BN031288.D | 04/28/2024 |
| E1CZ1 | P2203-24 | BN031289.D | 04/28/2024 |
| C0AP6 | P2251-01 | BN031290.D | 04/28/2024 |
| PB160492BS | PB160492BS | BN031291.D | 04/28/2024 |

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK538

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031283.D Lab Sample ID: PB160538BL

Instrument ID: BNA_N Date Extracted: 04/25/2024

Matrix: (soil/water) Water Date Analyzed: 04/27/2024

Level: (low/med) LOW Time Analyzed: 23:19

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| C0RQ2 | P2269-05 | BN031285.D | 04/28/2024 |
| C0RP7 | P2269-01 | BN031276.D | 04/27/2024 |
| C0RP9 | P2269-02 | BN031277.D | 04/27/2024 |
| C0RQ0 | P2269-03 | BN031278.D | 04/27/2024 |
| C0RQ1 | P2269-04 | BN031279.D | 04/27/2024 |
| PB160538BS | PB160538BS | BN031281.D | 04/27/2024 |

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK551

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN042724 SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031293.D Lab Sample ID: PB160551BL

Instrument ID: BNA_N Date Extracted: 04/26/2024

Matrix: (soil/water) water Date Analyzed: 04/28/2024

Level: (low/med) LOW Time Analyzed: 06:36

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| PB160520TB | PB160520TB | BN031294.D | 04/28/2024 |
| E1CX1 | P2204-01 | BN031295.D | 04/28/2024 |
| E1CW8 | P2204-03 | BN031296.D | 04/28/2024 |
| E1CX4 | P2204-04 | BN031297.D | 04/28/2024 |
| E1CX4MS | P2204-05MS | BN031298.D | 04/28/2024 |
| E1CX4MSD | P2204-06MSD | BN031299.D | 04/28/2024 |
| PB160551BS | PB160551BS | BN031300.D | 04/28/2024 |

COMMENTS:

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** P2204-05MS | | **Client Sample ID:** | E1CX4MS | | | | | **DataFile:** | BN031298.D | | |
| 1,4-Dioxane | 16 | | 43 | ug/L | 269 | * | | | 15 | 120 | |
| Benzaldehyde | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| Pyridine | 40 | | 120 | ug/L | 300 | | | | 0 | 0 | |
| Phenol | 40 | | 79 | ug/L | 198 | * | | | 12 | 110 | |
| Bis(2-chloroethyl)ether | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| 2-Chlorophenol | 40 | | 250 | ug/L | 625 | * | | | 27 | 123 | |
| 2-Methylphenol | 40 | | 200 | ug/L | 500 | | | | 0 | 0 | |
| 2,2-oxybis(1-Chloropropane) | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| Acetophenone | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| 4-Methylphenol | 40 | | 170 | ug/L | 425 | | | | 0 | 0 | |
| N-Nitroso-di-n-propylamine | 40 | | 320 | ug/L | 800 | * | | | 41 | 116 | |
| Hexachloroethane | 40 | | 270 | ug/L | 675 | | | | 0 | 0 | |
| Nitrobenzene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| Isophorone | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| 2-Nitrophenol | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| 2,4-Dimethylphenol | 40 | | 220 | ug/L | 550 | | | | 0 | 0 | |
| Bis(2-chloroethoxy)methane | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| 2,4-Dichlorophenol | 40 | | 290 | ug/L | 725 | | | | 0 | 0 | |
| Naphthalene | 40 | | 290 | ug/L | 725 | | | | 0 | 0 | |
| 4-Chloroaniline | 40 | | 250 | ug/L | 625 | | | | 0 | 0 | |
| Hexachlorobutadiene | 40 | | 270 | ug/L | 675 | | | | 0 | 0 | |
| Caprolactam | 40 | | 50 | ug/L | 125 | | | | 0 | 0 | |
| 4-Chloro-3-methylphenol | 40 | | 280 | ug/L | 700 | * | | | 23 | 97 | |
| 1-Methylnaphthalene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 2-Methylnaphthalene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| Hexachlorocyclopentadiene | 40 | | 220 | ug/L | 550 | | | | 0 | 0 | |
| 2,4,6-Trichlorophenol | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| 2,4,5-Trichlorophenol | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| 1,1'-Biphenyl | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| 2-Chloronaphthalene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 2-Nitroaniline | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| Dimethylphthalate | 40 | | 330 | ug/L | 825 | | | | 0 | 0 | |
| 2,6-Dinitrotoluene | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| Acenaphthylene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 3-Nitroaniline | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Acenaphthene | 40 | | 300 | ug/L | 750 | * | | | 46 | 118 | |
| 2,4-Dinitrophenol | 40 | | 360 | ug/L | 900 | | | | 0 | 0 | |
| 4-Nitrophenol | 40 | | 80 | ug/L | 200 | * | | | 10 | 80 | |
| Dibenzofuran | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| 2,4-Dinitrotoluene | 40 | | 360 | ug/L | 900 | * | | | 24 | 96 | |
| Diethylphthalate | 40 | | 330 | ug/L | 825 | | | | 0 | 0 | |
| Fluorene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 4-Chlorophenyl-phenylether | 40 | | 290 | ug/L | 725 | | | | 0 | 0 | |
| 4-Nitroaniline | 40 | | 350 | ug/L | 875 | | | | 0 | 0 | |
| 4,6-Dinitro-2-methylphenol | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| N-Nitrosodiphenylamine | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 4-Bromophenyl-phenylether | 40 | | 350 | ug/L | 875 | | | | 0 | 0 | |
| Hexachlorobenzene | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Atrazine | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Pentachlorophenol | 40 | | 350 | ug/L | 875 | * | | | 9 | 103 | |
| Phenanthrene | 40 | | 330 | ug/L | 825 | | | | 0 | 0 | |
| Pentachlorobenzene | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Anthracene | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| 1,2,3,4-Tetrachlorobenzene | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| Carbazole | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Di-n-butylphthalate | 40 | | 360 | ug/L | 900 | | | | 0 | 0 | |
| Fluoranthene | 40 | | 400 | ug/L | 1000 | | | | 0 | 0 | |
| Pyrene | 40 | | 390 | ug/L | 975 | * | | | 26 | 127 | |
| Butylbenzylphthalate | 40 | | 420 | ug/L | 1050 | | | | 0 | 0 | |
| 3,3'-Dichlorobenzidine | 40 | | 330 | ug/L | 825 | | | | 0 | 0 | |
| Benzo(a)anthracene | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |
| Chrysene | 40 | | 350 | ug/L | 875 | | | | 0 | 0 | |
| Bis(2-ethylhexyl)phthalate | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| Di-n-octylphthalate | 40 | | 450 | ug/L | 1125 | | | | 0 | 0 | |
| Benzo(b)fluoranthene | 40 | | 380 | ug/L | 950 | | | | 0 | 0 | |
| Benzo(k)fluoranthene | 40 | | 370 | ug/L | 925 | | | | 0 | 0 | |
| Benzo(a)pyrene | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| Indeno(1,2,3-cd)pyrene | 40 | | 320 | ug/L | 800 | | | | 0 | 0 | |
| Dibenzo(a,h)anthracene | 40 | | 310 | ug/L | 775 | | | | 0 | 0 | |
| Benzo(g,h,i)perylene | 40 | | 300 | ug/L | 750 | | | | 0 | 0 | |
| 2,3,4,6-Tetrachlorophenol | 40 | | 340 | ug/L | 850 | | | | 0 | 0 | |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** P2204-06MSD | | **Client Sample ID:** | E1CX4MSD | | | | | **DataFile:** | BN031299.D | | |
| 1,4-Dioxane | 16 | | 50 | ug/L | 313 | * | 15 | | 15 | 120 | 50 |
| Benzaldehyde | 40 | | 410 | ug/L | 1025 | | 10 | * | 0 | 0 | 0 |
| Pyridine | 40 | | 130 | ug/L | 325 | | 8 | * | 0 | 0 | 0 |
| Phenol | 40 | | 89 | ug/L | 222 | * | 11 | | 12 | 110 | 42 |
| Bis(2-chloroethyl)ether | 40 | | 350 | ug/L | 875 | | 12 | * | 0 | 0 | 0 |
| 2-Chlorophenol | 40 | | 280 | ug/L | 700 | * | 11 | | 27 | 123 | 40 |
| 2-Methylphenol | 40 | | 220 | ug/L | 550 | | 10 | * | 0 | 0 | 0 |
| 2,2-oxybis(1-Chloropropane) | 40 | | 350 | ug/L | 875 | | 9 | * | 0 | 0 | 0 |
| Acetophenone | 40 | | 360 | ug/L | 900 | | 12 | * | 0 | 0 | 0 |
| 4-Methylphenol | 40 | | 190 | ug/L | 475 | | 11 | * | 0 | 0 | 0 |
| N-Nitroso-di-n-propylamine | 40 | | 360 | ug/L | 900 | * | 12 | | 41 | 116 | 38 |
| Hexachloroethane | 40 | | 300 | ug/L | 750 | | 11 | * | 0 | 0 | 0 |
| Nitrobenzene | 40 | | 340 | ug/L | 850 | | 13 | * | 0 | 0 | 0 |
| Isophorone | 40 | | 350 | ug/L | 875 | | 12 | * | 0 | 0 | 0 |
| 2-Nitrophenol | 40 | | 360 | ug/L | 900 | | 12 | * | 0 | 0 | 0 |
| 2,4-Dimethylphenol | 40 | | 250 | ug/L | 625 | | 13 | * | 0 | 0 | 0 |
| Bis(2-chloroethoxy)methane | 40 | | 340 | ug/L | 850 | | 9 | * | 0 | 0 | 0 |
| 2,4-Dichlorophenol | 40 | | 320 | ug/L | 800 | | 10 | * | 0 | 0 | 0 |
| Naphthalene | 40 | | 320 | ug/L | 800 | | 10 | * | 0 | 0 | 0 |
| 4-Chloroaniline | 40 | | 280 | ug/L | 700 | | 11 | * | 0 | 0 | 0 |
| Hexachlorobutadiene | 40 | | 310 | ug/L | 775 | | 14 | * | 0 | 0 | 0 |
| Caprolactam | 40 | | 57 | ug/L | 143 | | 13 | * | 0 | 0 | 0 |
| 4-Chloro-3-methylphenol | 40 | | 310 | ug/L | 775 | * | 10 | | 23 | 97 | 42 |
| 1-Methylnaphthalene | 40 | | 330 | ug/L | 825 | | 10 | * | 0 | 0 | 0 |
| 2-Methylnaphthalene | 40 | | 340 | ug/L | 850 | | 13 | * | 0 | 0 | 0 |
| Hexachlorocyclopentadiene | 40 | | 230 | ug/L | 575 | | 4 | * | 0 | 0 | 0 |
| 2,4,6-Trichlorophenol | 40 | | 360 | ug/L | 900 | | 12 | * | 0 | 0 | 0 |
| 2,4,5-Trichlorophenol | 40 | | 360 | ug/L | 900 | | 12 | * | 0 | 0 | 0 |
| 1,1'-Biphenyl | 40 | | 340 | ug/L | 850 | | 9 | * | 0 | 0 | 0 |
| 2-Chloronaphthalene | 40 | | 330 | ug/L | 825 | | 10 | * | 0 | 0 | 0 |
| 2-Nitroaniline | 40 | | 410 | ug/L | 1025 | | 10 | * | 0 | 0 | 0 |
| Dimethylphthalate | 40 | | 370 | ug/L | 925 | | 11 | * | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 40 | | 410 | ug/L | 1025 | | 10 | * | 0 | 0 | 0 |
| Acenaphthylene | 40 | | 330 | ug/L | 825 | | 10 | * | 0 | 0 | 0 |
| 3-Nitroaniline | 40 | | 380 | ug/L | 950 | | 11 | * | 0 | 0 | 0 |
| Acenaphthene | 40 | | 330 | ug/L | 825 | * | 10 | | 46 | 118 | 31 |
| 2,4-Dinitrophenol | 40 | | 410 | ug/L | 1025 | | 13 | * | 0 | 0 | 0 |
| 4-Nitrophenol | 40 | | 90 | ug/L | 225 | * | 12 | | 10 | 80 | 50 |
| Dibenzofuran | 40 | | 340 | ug/L | 850 | | 9 | * | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 40 | | 400 | ug/L | 1000 | * | 11 | | 24 | 96 | 38 |
| Diethylphthalate | 40 | | 360 | ug/L | 900 | | 9 | * | 0 | 0 | 0 |
| Fluorene | 40 | | 330 | ug/L | 825 | | 10 | * | 0 | 0 | 0 |
| 4-Chlorophenyl-phenylether | 40 | | 320 | ug/L | 800 | | 10 | * | 0 | 0 | 0 |
| 4-Nitroaniline | 40 | | 380 | ug/L | 950 | | 8 | * | 0 | 0 | 0 |
| 4,6-Dinitro-2-methylphenol | 40 | | 410 | ug/L | 1025 | | 10 | * | 0 | 0 | 0 |
| N-Nitrosodiphenylamine | 40 | | 360 | ug/L | 900 | | 6 | * | 0 | 0 | 0 |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 40 | | 340 | ug/L | 850 | | 13 | * | 0 | 0 | 0 |
| 4-Bromophenyl-phenylether | 40 | | 370 | ug/L | 925 | | 6 | * | 0 | 0 | 0 |
| Hexachlorobenzene | 40 | | 380 | ug/L | 950 | | 11 | * | 0 | 0 | 0 |
| Atrazine | 40 | | 370 | ug/L | 925 | | 8 | * | 0 | 0 | 0 |
| Pentachlorophenol | 40 | | 360 | ug/L | 900 | * | 3 | | 9 | 103 | 50 |
| Phenanthrene | 40 | | 350 | ug/L | 875 | | 6 | * | 0 | 0 | 0 |
| Pentachlorobenzene | 40 | | 360 | ug/L | 900 | | 6 | * | 0 | 0 | 0 |
| Anthracene | 40 | | 340 | ug/L | 850 | | 6 | * | 0 | 0 | 0 |
| 1,2,3,4-Tetrachlorobenzene | 40 | | 360 | ug/L | 900 | | 12 | * | 0 | 0 | 0 |
| Carbazole | 40 | | 360 | ug/L | 900 | | 6 | * | 0 | 0 | 0 |
| Di-n-butylphthalate | 40 | | 380 | ug/L | 950 | | 5 | * | 0 | 0 | 0 |
| Fluoranthene | 40 | | 430 | ug/L | 1075 | | 7 | * | 0 | 0 | 0 |
| Pyrene | 40 | | 420 | ug/L | 1050 | * | 7 | | 26 | 127 | 31 |
| Butylbenzylphthalate | 40 | | 450 | ug/L | 1125 | | 7 | * | 0 | 0 | 0 |
| 3,3'-Dichlorobenzidine | 40 | | 350 | ug/L | 875 | | 6 | * | 0 | 0 | 0 |
| Benzo(a)anthracene | 40 | | 380 | ug/L | 950 | | 11 | * | 0 | 0 | 0 |
| Chrysene | 40 | | 380 | ug/L | 950 | | 8 | * | 0 | 0 | 0 |
| Bis(2-ethylhexyl)phthalate | 40 | | 410 | ug/L | 1025 | | 10 | * | 0 | 0 | 0 |
| Di-n-octylphthalate | 40 | | 480 | ug/L | 1200 | | 6 | * | 0 | 0 | 0 |
| Benzo(b)fluoranthene | 40 | | 420 | ug/L | 1050 | | 10 | * | 0 | 0 | 0 |
| Benzo(k)fluoranthene | 40 | | 390 | ug/L | 975 | | 5 | * | 0 | 0 | 0 |
| Benzo(a)pyrene | 40 | | 340 | ug/L | 850 | | 9 | * | 0 | 0 | 0 |
| Indeno(1,2,3-cd)pyrene | 40 | | 350 | ug/L | 875 | | 9 | * | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 40 | | 340 | ug/L | 850 | | 9 | * | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 40 | | 330 | ug/L | 825 | | 10 | * | 0 | 0 | 0 |
| 2,3,4,6-Tetrachlorophenol | 40 | | 370 | ug/L | 925 | | 8 | * | 0 | 0 | 0 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB160384BL | PB160384BL | BN031269.D | 1,4-Dioxane-d8 | 8 | 5.16 | 65 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 28.70 | 72 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 24.18 | 60 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.04 | 65 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 25.23 | 63 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 24.27 | 61 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 26.83 | 67 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 29.12 | 73 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.42 | 61 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 21.89 | 55 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.34 | 68 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 26.22 | 66 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 24.45 | 61 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 25.85 | 65 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 26.44 | 66 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.74 | 64 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.32 | 71 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.38 | 66 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2161-18 | C0RD1 | BN031271.D | 1,4-Dioxane-d8 | 8 | 3.77 | 47 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 10.99 | 27 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.59 | 16 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 36.00 | 90 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.63 | 67 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 15.42 | 39 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 37.58 | 94 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 38.77 | 97 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 30.53 | 76 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 28.31 | 71 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 37.81 | 95 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 36.00 | 90 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.53 | 14 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 36.84 | 92 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 36.20 | 90 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.93 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 43.77 | 109 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 40.14 | 100 | | 20 | 130 |
| P2161-19 | C0RD6 | BN031272.D | 1,4-Dioxane-d8 | 8 | 3.58 | 45 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.92 | 17 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.27 | 16 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 34.72 | 87 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.00 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 15.40 | 38 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 34.88 | 87 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 35.62 | 89 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 28.69 | 72 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.05 | 55 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 36.19 | 90 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.02 | 88 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 6.17 | 15 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.80 | 90 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 35.59 | 89 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.83 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 41.28 | 103 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 38.86 | 97 | | 20 | 130 |
| P2161-20 | C0RD7 | BN031273.D | 1,4-Dioxane-d8 | 8 | 5.84 | 73 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 18.22 | 46 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 11.80 | 29 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 57.27 | 143 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 44.35 | 111 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 25.52 | 64 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 41.15 | 103 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 42.82 | 107 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.55 | 86 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 31.01 | 78 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 40.06 | 100 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 39.74 | 99 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.12 | 18 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2161-20 | C0RD7 | BN031273.D | Fluorene-d10 | 40 | 39.75 | 99 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 35.81 | 90 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 40.02 | 100 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 44.13 | 110 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 42.52 | 106 | | 20 | 130 |
| P2184-01 | C0R94 | BN031274.D | 1,4-Dioxane-d8 | 8 | 3.27 | 41 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 8.57 | 21 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.26 | 18 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 33.40 | 84 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.09 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 17.27 | 43 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 34.53 | 86 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 34.36 | 86 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 32.17 | 80 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.30 | 56 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 35.54 | 89 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.07 | 88 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.81 | 15 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.31 | 88 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 32.54 | 81 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 35.94 | 90 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 41.61 | 104 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 38.36 | 96 | | 20 | 130 |
| P2184-02 | C0RE5 | BN031275.D | 1,4-Dioxane-d8 | 8 | 10.34 | 129 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 26.50 | 66 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 19.37 | 48 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 134.64 | 337 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 78.05 | 195 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 42.59 | 106 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 40.09 | 100 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 42.31 | 106 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.27 | 86 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 26.09 | 65 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 40.21 | 101 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 40.24 | 101 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.64 | 19 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 39.49 | 99 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 37.55 | 94 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 40.20 | 100 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 45.25 | 113 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 41.90 | 105 | | 20 | 130 |
| PB160401BL | PB160401BL | BN031270.D | Pyridine-d5 | 40 | 30.21 | 76 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 5.80 | 72 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 29.22 | 73 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 31.35 | 78 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 31.30 | 78 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 29.53 | 74 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 31.79 | 79 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 33.74 | 84 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB160401BL | PB160401BL | BN031270.D | 2,4-Dichlorophenol-d3 | 40 | 28.57 | 71 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 29.47 | 74 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 32.06 | 80 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 30.17 | 75 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 27.43 | 69 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 30.17 | 75 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 28.75 | 72 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 30.63 | 77 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 33.39 | 83 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 31.31 | 78 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2203-04 | E1CZ0 | BN031286.D | 1,4-Dioxane-d8 | 8 | 3.74 | 47 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 4.48 | 11 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.12 | 15 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 30.45 | 76 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 23.29 | 58 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 14.86 | 37 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 30.89 | 77 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 32.08 | 80 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 26.40 | 66 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.85 | 57 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 31.24 | 78 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 30.48 | 76 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.15 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 30.11 | 75 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 28.81 | 72 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.71 | 79 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 35.17 | 88 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 31.76 | 79 | | 20 | 130 |
| P2203-05 | E1D02 | BN031287.D | 1,4-Dioxane-d8 | 8 | 4.13 | 52 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 11.00 | 28 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.55 | 19 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 37.81 | 95 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 29.03 | 73 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 18.21 | 46 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 37.78 | 94 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 38.55 | 96 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 31.56 | 79 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 29.51 | 74 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 37.18 | 93 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 36.47 | 91 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.86 | 15 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.85 | 90 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 32.44 | 81 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.56 | 91 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 41.51 | 104 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 39.15 | 98 | | 20 | 130 |
| P2203-23 | E1D03 | BN031288.D | 1,4-Dioxane-d8 | 8 | 3.06 | 38 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 4.90 | 12 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.14 | 15 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 30.17 | 75 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 23.30 | 58 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 14.85 | 37 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 30.50 | 76 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 30.45 | 76 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.02 | 68 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 11.14 | 28 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 31.40 | 78 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 30.35 | 76 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 4.87 | 12 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2203-23 | E1D03 | BN031288.D | Fluorene-d10 | 40 | 31.16 | 78 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 28.78 | 72 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 32.87 | 82 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 36.75 | 92 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 34.49 | 86 | | 20 | 130 |
| P2203-24 | E1CZ1 | BN031289.D | 1,4-Dioxane-d8 | 8 | 3.41 | 43 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.91 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.57 | 16 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 35.76 | 89 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.62 | 67 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 16.46 | 41 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 36.78 | 92 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 33.58 | 84 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 30.03 | 75 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 27.64 | 69 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 36.88 | 92 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.60 | 89 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.20 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.26 | 88 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 29.86 | 75 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 37.63 | 94 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 42.68 | 107 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 40.27 | 101 | | 20 | 130 |
| P2251-01 | C0AP6 | BN031290.D | 1,4-Dioxane-d8 | 8 | 4.31 | 54 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 8.14 | 20 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 5.15 | 13 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 28.10 | 70 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 20.93 | 52 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 12.81 | 32 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 28.33 | 71 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 28.51 | 71 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.42 | 61 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.10 | 55 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 30.36 | 76 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 28.52 | 71 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 4.16 | 10 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 29.81 | 75 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.92 | 70 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.65 | 79 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 35.86 | 90 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 33.50 | 84 | | 20 | 130 |
| PB160492BL | PB160492BL | BN031284.D | 1,4-Dioxane-d8 | 8 | 6.33 | 79 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 32.35 | 81 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 30.52 | 76 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 32.87 | 82 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 32.45 | 81 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 31.28 | 78 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 32.58 | 81 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 34.83 | 87 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB160492BL | PB160492BL | BN031284.D | 2,4-Dichlorophenol-d3 | 40 | 30.10 | 75 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 30.68 | 77 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 32.27 | 81 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 31.29 | 78 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 27.86 | 70 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 30.62 | 77 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 29.58 | 74 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.64 | 79 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 35.13 | 88 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 33.46 | 84 | | 20 | 130 |
| PB160492BS | PB160492BS | BN031291.D | 1,4-Dioxane-d8 | 8 | 7.47 | 93 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 31.56 | 79 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 33.77 | 84 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 34.06 | 85 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 34.88 | 87 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 33.23 | 83 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 34.18 | 85 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 36.40 | 91 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.02 | 85 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 30.37 | 76 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 33.29 | 83 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 33.40 | 84 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 33.50 | 84 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 32.60 | 81 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 36.05 | 90 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.79 | 79 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 36.92 | 92 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 33.67 | 84 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2269-01 | C0RP7 | BN031276.D | 1,4-Dioxane-d8 | 8 | 4.34 | 54 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 9.11 | 23 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 8.09 | 20 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 36.51 | 91 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 28.71 | 72 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 18.95 | 47 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 36.32 | 91 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 36.27 | 91 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 30.29 | 76 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 18.19 | 45 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 36.28 | 91 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.44 | 89 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 6.90 | 17 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.19 | 88 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 31.81 | 80 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.42 | 91 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 38.58 | 96 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 36.75 | 92 | | 20 | 130 |
| P2269-02 | C0RP9 | BN031277.D | 1,4-Dioxane-d8 | 8 | 3.06 | 38 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.97 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 4.31 | 11 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.76 | 67 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 19.02 | 48 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 11.47 | 29 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 27.43 | 69 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 17.39 | 43 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.84 | 52 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 12.25 | 31 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 28.34 | 71 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 27.11 | 68 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 1.86 | 5 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 28.62 | 72 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 2.27 | 6 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.68 | 79 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 35.02 | 88 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 32.69 | 82 | | 20 | 130 |
| P2269-03 | C0RQ0 | BN031278.D | 1,4-Dioxane-d8 | 8 | 4.04 | 51 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 1.68 | 4 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.73 | 19 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 33.38 | 83 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.93 | 67 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 17.84 | 45 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 33.87 | 85 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 35.39 | 88 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 28.89 | 72 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 10.76 | 27 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 36.77 | 92 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 34.69 | 87 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 8.07 | 20 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2269-03 | C0RQ0 | BN031278.D | Fluorene-d10 | 40 | 35.38 | 88 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 37.73 | 94 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 39.73 | 99 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 44.14 | 110 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 41.47 | 104 | | 20 | 130 |
| P2269-04 | C0RQ1 | BN031279.D | 1,4-Dioxane-d8 | 8 | 3.96 | 49 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.18 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.48 | 16 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 33.12 | 83 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 25.37 | 63 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 15.25 | 38 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 33.24 | 83 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 33.04 | 83 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.74 | 69 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 20.55 | 51 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 34.89 | 87 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 32.91 | 82 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.26 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 34.17 | 85 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 30.10 | 75 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.77 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 40.59 | 101 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 38.12 | 95 | | 20 | 130 |
| P2269-05 | C0RQ2 | BN031285.D | Pyridine-d5 | 40 | 7.85 | 20 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 7.27 | 91 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 13.92 | 35 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 65.35 | 163 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 53.20 | 133 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 30.35 | 76 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 37.06 | 93 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 39.21 | 98 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 31.52 | 79 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 17.35 | 43 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 36.24 | 91 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.92 | 90 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.81 | 20 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 35.23 | 88 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 36.81 | 92 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.65 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 41.34 | 103 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 39.50 | 99 | | 20 | 130 |
| PB160538BL | PB160538BL | BN031283.D | 1,4-Dioxane-d8 | 8 | 4.90 | 61 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 24.51 | 61 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.89 | 60 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.79 | 64 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 25.98 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 24.57 | 61 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 26.19 | 65 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 27.81 | 70 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB160538BL | PB160538BL | BN031283.D | 2,4-Dichlorophenol-d3 | 40 | 24.23 | 61 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 24.35 | 61 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 25.61 | 64 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 24.80 | 62 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 21.79 | 54 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 24.63 | 62 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 22.48 | 56 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.10 | 63 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.16 | 70 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 25.76 | 64 | | 20 | 130 |
| PB160538BS | PB160538BS | BN031281.D | Pyridine-d5 | 40 | 26.66 | 67 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 6.60 | 82 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 28.79 | 72 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 28.07 | 70 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 29.42 | 74 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 28.18 | 70 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 29.17 | 73 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 31.36 | 78 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 28.41 | 71 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 24.14 | 60 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.41 | 69 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 27.20 | 68 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 26.67 | 67 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.12 | 65 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 30.61 | 77 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 27.26 | 68 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 31.87 | 80 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 29.33 | 73 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2204-01 | E1CX1 | BN031295.D | 1,4-Dioxane-d8 | 80 | 33.10 | 41 | | 15 | 120 |
| | | | Pyridine-d5 | 400 | 61.39 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 400 | 71.00 | 17 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 316.29 | 79 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 246.11 | 61 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 162.75 | 40 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 315.23 | 78 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 320.75 | 80 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 400 | 263.82 | 66 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 204.55 | 51 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 309.63 | 77 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 305.74 | 76 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 56.02 | 14 | | 10 | 150 |
| | | | Fluorene-d10 | 400 | 308.56 | 77 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 314.71 | 78 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 340.69 | 85 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 361.52 | 90 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 355.29 | 88 | | 20 | 130 |
| P2204-03 | E1CW8 | BN031296.D | 1,4-Dioxane-d8 | 80 | 34.61 | 43 | | 15 | 120 |
| | | | Pyridine-d5 | 400 | 102.15 | 25 | | 20 | 120 |
| | | | Phenol-d5 | 400 | 63.92 | 16 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 308.26 | 77 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 238.45 | 59 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 152.26 | 38 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 308.78 | 77 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 311.30 | 77 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 400 | 260.18 | 65 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 244.63 | 61 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 316.94 | 79 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 303.36 | 75 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 54.99 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 400 | 308.16 | 77 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 299.74 | 74 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 329.86 | 82 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 369.08 | 92 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 341.26 | 85 | | 20 | 130 |
| P2204-04 | E1CX4 | BN031297.D | 1,4-Dioxane-d8 | 80 | 35.22 | 44 | | 15 | 120 |
| | | | Pyridine-d5 | 400 | 102.41 | 25 | | 20 | 120 |
| | | | Phenol-d5 | 400 | 71.09 | 17 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 334.10 | 83 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 256.86 | 64 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 166.17 | 41 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 331.75 | 82 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 331.62 | 82 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 400 | 278.65 | 69 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 253.35 | 63 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 313.16 | 78 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 307.91 | 77 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 53.39 | 13 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2204-04 | E1CX4 | BN031297.D | Fluorene-d10 | 400 | 312.70 | 78 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 290.75 | 72 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 340.23 | 85 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 366.20 | 91 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 349.60 | 87 | | 20 | 130 |
| P2204-05MS | E1CX4MS | BN031298.D | 1,4-Dioxane-d8 | 80 | 38.37 | 48 | | 15 | 120 |
| | | | Pyridine-d5 | 400 | 108.69 | 27 | | 20 | 120 |
| | | | Phenol-d5 | 400 | 74.65 | 18 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 325.07 | 81 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 260.01 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 170.20 | 42 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 329.05 | 82 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 330.34 | 82 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 400 | 285.10 | 71 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 265.61 | 66 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 340.64 | 85 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 325.58 | 81 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 78.47 | 19 | | 10 | 150 |
| | | | Fluorene-d10 | 400 | 323.87 | 81 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 379.06 | 94 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 342.92 | 85 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 410.08 | 102 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 375.46 | 93 | | 20 | 130 |
| P2204-06MSD | E1CX4MSD | BN031299.D | 1,4-Dioxane-d8 | 80 | 38.95 | 48 | | 15 | 120 |
| | | | Pyridine-d5 | 400 | 123.93 | 31 | | 20 | 120 |
| | | | Phenol-d5 | 400 | 84.11 | 21 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 364.16 | 91 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 287.06 | 71 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 187.01 | 46 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 367.66 | 91 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 375.13 | 93 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 400 | 320.56 | 80 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 301.45 | 75 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 376.36 | 94 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 358.24 | 89 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 88.68 | 22 | | 10 | 150 |
| | | | Fluorene-d10 | 400 | 350.04 | 87 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 417.76 | 104 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 368.57 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 435.85 | 109 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 394.67 | 98 | | 20 | 130 |
| PB160520TB | PB160520TB | BN031294.D | Pyridine-d5 | 400 | 296.91 | 74 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 80 | 57.84 | 72 | | 15 | 120 |
| | | | Phenol-d5 | 400 | 283.09 | 70 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 400 | 308.49 | 77 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 400 | 300.63 | 75 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 400 | 289.69 | 72 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 400 | 309.59 | 77 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 400 | 320.41 | 80 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB160520TB | PB160520TB | BN031294.D | 2,4-Dichlorophenol-d3 | 400 | 282.26 | 70 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 400 | 292.28 | 73 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 400 | 307.12 | 76 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 400 | 291.71 | 72 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 400 | 258.31 | 64 | | 10 | 150 |
| | | | Fluorene-d10 | 400 | 293.19 | 73 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 400 | 262.19 | 65 | | 10 | 130 |
| | | | Anthracene-d10 | 400 | 308.51 | 77 | | 25 | 130 |
| | | | Pyrene-d10 | 400 | 332.27 | 83 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 400 | 325.62 | 81 | | 20 | 130 |
| PB160551BL | PB160551BL | BN031293.D | 1,4-Dioxane-d8 | 8 | 5.38 | 67 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 27.03 | 68 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 25.77 | 64 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 27.86 | 70 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 27.59 | 69 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 26.97 | 67 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 28.05 | 70 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 29.31 | 73 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.34 | 63 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 26.47 | 66 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 28.13 | 70 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 26.81 | 67 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 24.73 | 62 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.96 | 67 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.80 | 59 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 27.75 | 69 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 29.77 | 74 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 29.08 | 73 | | 20 | 130 |
| PB160551BS | PB160551BS | BN031300.D | 1,4-Dioxane-d8 | 8 | 7.45 | 93 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 31.55 | 79 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 35.12 | 88 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 34.28 | 86 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 35.05 | 88 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 34.71 | 87 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 34.97 | 87 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 37.27 | 93 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.40 | 86 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 33.22 | 83 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 33.58 | 84 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 33.40 | 84 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 33.67 | 84 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 32.05 | 80 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 37.49 | 94 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 33.24 | 83 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 37.95 | 95 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 35.26 | 88 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BN042724

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P2251-04DL | C0AL2DL | BN031280.D | Pyridine-d5 | 40 | 16.30 | 41 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 5.01 | 63 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 10.40 | 26 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 37.18 | 93 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 31.38 | 78 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 22.79 | 57 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 37.71 | 94 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 38.30 | 96 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.62 | 87 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 24.62 | 62 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 40.00 | 100 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 38.87 | 97 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 9.46 | 24 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 38.88 | 97 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 38.44 | 96 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 40.30 | 101 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 46.37 | 116 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 41.47 | 104 | | 20 | 130 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN042724

Lab Code: CHEM SAS No.: BN042724 SDG NO.: BN042724

Lab File ID: BN031267.D DFTPP Injection Date: 04/27/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:07

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 33.1 |
| 68 | Less than 2.0% of mass 69 | 0.7 ( 2 ) 1 |
| 69 | Mass 69 relative abundance | 35.6 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.4 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 47 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 7 |
| 275 | 10.0 - 60.0% of mass 198 | 26.6 |
| 365 | Greater than 1% of mass 198 | 3.7 |
| 441 | Present, but less than mass 443 | 11.5 |
| 442 | Greater than 50% of mass 198 | 83.6 |
| 443 | 15.0 - 24.0% of mass 442 | 15.6 (18.7) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTD020386 | SSTDCCC020 | BN031268.D | 04/27/2024 | 12:46 |
| SBLK384 | PB160384BL | BN031269.D | 04/27/2024 | 13:25 |
| SBLK401 | PB160401BL | BN031270.D | 04/27/2024 | 14:05 |
| C0RD1 | P2161-18 | BN031271.D | 04/27/2024 | 14:45 |
| C0RD6 | P2161-19 | BN031272.D | 04/27/2024 | 15:24 |
| C0RD7 | P2161-20 | BN031273.D | 04/27/2024 | 16:04 |
| C0R94 | P2184-01 | BN031274.D | 04/27/2024 | 16:44 |
| C0RE5 | P2184-02 | BN031275.D | 04/27/2024 | 17:23 |
| C0RP7 | P2269-01 | BN031276.D | 04/27/2024 | 18:03 |
| C0RP9 | P2269-02 | BN031277.D | 04/27/2024 | 18:43 |
| C0RQ0 | P2269-03 | BN031278.D | 04/27/2024 | 19:22 |
| C0RQ1 | P2269-04 | BN031279.D | 04/27/2024 | 20:02 |
| C0AL2DL | P2251-04DL | BN031280.D | 04/27/2024 | 20:41 |
| SLCS538 | PB160538BS | BN031281.D | 04/27/2024 | 21:21 |
| SSTD020387 | SSTDCCC020 | BN031282.D | 04/27/2024 | 22:40 |
| SBLK538 | PB160538BL | BN031283.D | 04/27/2024 | 23:19 |
| SBLK492 | PB160492BL | BN031284.D | 04/27/2024 | 23:59 |
| C0RQ2 | P2269-05 | BN031285.D | 04/28/2024 | 00:38 |

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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Instrument ID: BNA_N DFTPP Injection Time: 12:07

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| 442 | Greater than 50% of mass 198 | 83.6 |
| 443 | 15.0 - 24.0% of mass 442 | 15.6 (18.7) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| E1CZ0 | P2203-04 | BN031286.D | 04/28/2024 | 01:18 |
| E1D02 | P2203-05 | BN031287.D | 04/28/2024 | 01:58 |
| E1D03 | P2203-23 | BN031288.D | 04/28/2024 | 02:38 |
| E1CZ1 | P2203-24 | BN031289.D | 04/28/2024 | 03:18 |
| C0AP6 | P2251-01 | BN031290.D | 04/28/2024 | 03:57 |
| SLCS492 | PB160492BS | BN031291.D | 04/28/2024 | 04:37 |
| SSTD020388 | SSTDCCC020 | BN031292.D | 04/28/2024 | 05:56 |
| SBLK551 | PB160551BL | BN031293.D | 04/28/2024 | 06:36 |
| SLEB520 | PB160520TB | BN031294.D | 04/28/2024 | 07:15 |
| E1CX1 | P2204-01 | BN031295.D | 04/28/2024 | 07:55 |
| E1CW8 | P2204-03 | BN031296.D | 04/28/2024 | 08:34 |
| E1CX4 | P2204-04 | BN031297.D | 04/28/2024 | 09:14 |
| E1CX4MS | P2204-05MS | BN031298.D | 04/28/2024 | 09:53 |
| E1CX4MSD | P2204-06MSD | BN031299.D | 04/28/2024 | 10:33 |
| SLCS551 | PB160551BS | BN031300.D | 04/28/2024 | 11:12 |
| SSTD020389 | SSTDCCC020EC | BN031301.D | 04/28/2024 | 12:32 |