CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG No.: BP032524

Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 09:24

Lab File ID: BP019977.D Init. Calib. Date(s):

EPA Sample No.: SSTD020762 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.521 | 0.557 | 0.010 | 6.8843 | 40.0 |
| Benzaldehyde | 0.834 | 1.106 | 0.010 | 32.6581 | 40.0 |
| Pyridine | 1.405 | 1.464 | 0.010 | 4.2009 | 40.0 |
| Phenol | 1.764 | 1.826 | 0.080 | 3.5457 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.428 | 1.507 | 0.100 | 5.5504 | 20.0 |
| 2-Chlorophenol | 1.277 | 1.317 | 0.200 | 3.1908 | 20.0 |
| 2-Methylphenol | 1.271 | 1.352 | 0.010 | 6.3886 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.964 | 2.118 | 0.010 | 7.855 | 40.0 |
| Acetophenone | 2.105 | 2.272 | 0.060 | 7.9139 | 20.0 |
| 4-Methylphenol | 1.368 | 1.436 | 0.010 | 4.9164 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.174 | 1.272 | 0.050 | 8.3544 | 30.0 |
| Hexachloroethane | 0.593 | 0.626 | 0.100 | 5.529 | 20.0 |
| Nitrobenzene | 0.437 | 0.462 | 0.050 | 5.7346 | 25.0 |
| Isophorone | 0.814 | 0.861 | 0.050 | 5.8261 | 25.0 |
| 2-Nitrophenol | 0.179 | 0.188 | 0.050 | 4.9736 | 25.0 |
| 2,4-Dimethylphenol | 0.390 | 0.407 | 0.050 | 4.2264 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.476 | 0.505 | 0.050 | 6.1031 | 20.0 |
| 2,4-Dichlorophenol | 0.306 | 0.317 | 0.060 | 3.2981 | 20.0 |
| Naphthalene | 1.026 | 1.061 | 0.200 | 3.4068 | 20.0 |
| 4-Chloroaniline | 0.401 | 0.421 | 0.010 | 4.9421 | 40.0 |
| Hexachlorobutadiene | 0.241 | 0.243 | 0.040 | 0.8037 | 30.0 |
| Caprolactam | 0.095 | 0.095 | 0.010 | 0.2189 | 40.0 |
| 4-Chloro-3-methylphenol | 0.340 | 0.364 | 0.040 | 6.8926 | 25.0 |
| 1-Methylnaphthalene | 0.683 | 0.725 | 0.100 | 6.0577 | 20.0 |
| 2-Methylnaphthalene | 0.683 | 0.728 | 0.100 | 6.5056 | 20.0 |
| Hexachlorocyclopentadiene | 0.374 | 0.338 | 0.010 | -9.6275 | 40.0 |
| 2,4,6-Trichlorophenol | 0.406 | 0.405 | 0.090 | -0.1901 | 25.0 |
| 2,4,5-Trichlorophenol | 0.420 | 0.441 | 0.100 | 4.8545 | 25.0 |
| 1,1-Biphenyl | 1.448 | 1.459 | 0.200 | 0.7617 | 20.0 |
| 2-Chloronaphthalene | 1.168 | 1.173 | 0.300 | 0.4592 | 20.0 |
| 2-Nitroaniline | 0.368 | 0.378 | 0.050 | 2.844 | 40.0 |
| Dimethylphthalate | 1.415 | 1.430 | 0.300 | 1.0083 | 20.0 |
| 2,6-Dinitrotoluene | 0.287 | 0.290 | 0.080 | 0.7878 | 30.0 |
| Acenaphthylene | 1.832 | 1.849 | 0.400 | 0.9418 | 20.0 |
| 3-Nitroaniline | 0.265 | 0.261 | 0.010 | -1.5547 | 40.0 |
| Acenaphthene | 1.217 | 1.242 | 0.200 | 2.021 | 20.0 |
| 2,4-Dinitrophenol | 0.164 | 0.137 | 0.010 | -16.041 | 40.0 |
| 4-Nitrophenol | 0.202 | 0.189 | 0.010 | -6.7286 | 40.0 |
| Dibenzofuran | 1.653 | 1.687 | 0.300 | 2.0922 | 20.0 |
| 2,4-Dinitrotoluene | 0.393 | 0.397 | 0.070 | 1.0019 | 30.0 |
| Diethylphthalate | 1.404 | 1.389 | 0.300 | -1.0684 | 20.0 |

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG No.: BP032524

Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 09:24

Lab File ID: BP019977.D Init. Calib. Date(s):

EPA Sample No.: SSTD020762 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Fluorene | 1.348 | 1.372 | 0.200 | 1.7792 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.722 | 0.726 | 0.100 | 0.5986 | 20.0 |
| 4-Nitroaniline | 0.226 | 0.236 | 0.010 | 4.3537 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.127 | 0.125 | 0.010 | -1.7851 | 40.0 |
| N-Nitrosodiphenylamine | 0.552 | 0.591 | 0.050 | 7.0145 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.661 | 0.667 | 0.100 | 0.8889 | 20.0 |
| 4-Bromophenyl-phenylether | 0.217 | 0.230 | 0.070 | 5.9684 | 20.0 |
| Hexachlorobenzene | 0.241 | 0.249 | 0.050 | 3.4918 | 25.0 |
| Atrazine | 0.212 | 0.214 | 0.010 | 0.9569 | 25.0 |
| Pentachlorophenol | 0.141 | 0.139 | 0.010 | -1.8626 | 40.0 |
| Phenanthrene | 1.034 | 1.066 | 0.200 | 3.0707 | 20.0 |
| Pentachlorobenzene | 0.302 | 0.324 | 0.050 | 7.2574 | 20.0 |
| Anthracene | 1.050 | 1.104 | 0.200 | 5.1582 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.326 | 0.346 | 0.050 | 6.1159 | 20.0 |
| Carbazole | 0.898 | 0.944 | 0.050 | 5.106 | 40.0 |
| Di-n-butylphthalate | 1.121 | 1.149 | 0.500 | 2.5287 | 25.0 |
| Fluoranthene | 1.378 | 1.334 | 0.400 | -3.213 | 25.0 |
| Pyrene | 1.432 | 1.395 | 0.400 | -2.6007 | 25.0 |
| Butylbenzylphthalate | 0.582 | 0.557 | 0.100 | -4.2785 | 40.0 |
| 3,3-Dichlorobenzidine | 0.425 | 0.455 | 0.010 | 6.9577 | 40.0 |
| Benzo(a)anthracene | 1.384 | 1.434 | 0.300 | 3.6026 | 30.0 |
| Chrysene | 1.287 | 1.322 | 0.200 | 2.7584 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.850 | 0.823 | 0.200 | -3.1608 | 40.0 |
| Di-n-octyl phthalate | 1.268 | 1.239 | 0.010 | -2.3022 | 40.0 |
| Benzo(b)fluoranthene | 1.173 | 1.218 | 0.200 | 3.8827 | 25.0 |
| Benzo(k)fluoranthene | 1.192 | 1.195 | 0.200 | 0.298 | 25.0 |
| Benzo(a)pyrene | 1.134 | 1.160 | 0.200 | 2.3101 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.429 | 1.452 | 0.200 | 1.6571 | 25.0 |
| Dibenzo(a,h)anthracene | 1.162 | 1.213 | 0.200 | 4.4214 | 30.0 |
| Benzo(g,h,i)perylene | 1.154 | 1.181 | 0.200 | 2.3128 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.360 | 0.360 | 0.040 | -0.1864 | 20.0 |
| 1,4-Dioxane-d8 | 0.456 | 0.491 | 0.010 | 7.645 | 25.0 |
| Pyridine-d5 | 1.378 | 1.416 | 0.010 | 2.7271 | 40.0 |
| Phenol-d5 | 1.687 | 1.741 | 0.010 | 3.2112 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.099 | 1.170 | 0.050 | 6.4802 | 25.0 |
| 2-Chlorophenol-d4 | 1.211 | 1.269 | 0.200 | 4.731 | 20.0 |
| 4-Methylphenol-d8 | 1.305 | 1.363 | 0.010 | 4.4677 | 20.0 |
| Nitrobenzene-d5 | 0.153 | 0.159 | 0.050 | 3.8007 | 20.0 |
| 2-Nitrophenol-d4 | 0.172 | 0.176 | 0.050 | 2.4796 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.313 | 0.325 | 0.060 | 3.8841 | 20.0 |
| 4-Chloroaniline-d4 | 0.408 | 0.425 | 0.010 | 4.1532 | 40.0 |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 09:24

Lab File ID: BP019977.D Init. Calib. Date(s):

EPA Sample No.: SSTD020762 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dimethylphthalate-d6 | 1.402 | 1.399 | 0.300 | -0.2208 | 20.0 |
| Acenaphthylene-d8 | 1.638 | 1.657 | 0.400 | 1.1648 | 20.0 |
| 4-Nitrophenol-d4 | 0.220 | 0.197 | 0.010 | -10.4888 | 40.0 |
| Fluorene-d10 | 1.195 | 1.207 | 0.100 | 1.0684 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.120 | 0.115 | 0.010 | -4.2919 | 40.0 |
| Anthracene-d10 | 0.885 | 0.921 | 0.300 | 4.0749 | 20.0 |
| Pyrene-d10 | 1.173 | 1.119 | 0.300 | -4.6351 | 25.0 |
| Benzo(a)pyrene-d12 | 0.961 | 0.988 | 0.010 | 2.7771 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG No.: BP032524

Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 20:18

Lab File ID: BP019989.D Init. Calib. Date(s):

EPA Sample No.: SSTD020763 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.521 | 0.539 | 0.010 | 3.4992 | 50.0 |
| Benzaldehyde | 0.834 | 1.158 | 0.010 | 38.7998 | 50.0 |
| Pyridine | 1.405 | 1.434 | 0.010 | 2.0498 | 50.0 |
| Phenol | 1.764 | 1.837 | 0.080 | 4.1833 | 50.0 |
| Bis(2-Chloroethyl)ether | 1.428 | 1.537 | 0.100 | 7.595 | 50.0 |
| 2-Chlorophenol | 1.277 | 1.347 | 0.200 | 5.4969 | 50.0 |
| 2-Methylphenol | 1.271 | 1.416 | 0.010 | 11.3921 | 50.0 |
| 2,2-oxybis(1-Chloropropane) | 1.964 | 2.209 | 0.010 | 12.4705 | 50.0 |
| Acetophenone | 2.105 | 2.393 | 0.060 | 13.6653 | 50.0 |
| 4-Methylphenol | 1.368 | 1.492 | 0.010 | 9.0361 | 50.0 |
| N-Nitroso-di-n-propylamine | 1.174 | 1.357 | 0.050 | 15.5577 | 50.0 |
| Hexachloroethane | 0.593 | 0.615 | 0.100 | 3.7914 | 50.0 |
| Nitrobenzene | 0.437 | 0.472 | 0.050 | 8.1664 | 50.0 |
| Isophorone | 0.814 | 0.883 | 0.050 | 8.5186 | 50.0 |
| 2-Nitrophenol | 0.179 | 0.190 | 0.050 | 6.2863 | 50.0 |
| 2,4-Dimethylphenol | 0.390 | 0.409 | 0.050 | 4.9095 | 50.0 |
| Bis(2-Chloroethoxy)methane | 0.476 | 0.515 | 0.050 | 8.1878 | 50.0 |
| 2,4-Dichlorophenol | 0.306 | 0.323 | 0.060 | 5.4683 | 50.0 |
| Naphthalene | 1.026 | 1.082 | 0.200 | 5.455 | 50.0 |
| 4-Chloroaniline | 0.401 | 0.441 | 0.010 | 10.0853 | 50.0 |
| Hexachlorobutadiene | 0.241 | 0.240 | 0.040 | -0.6851 | 50.0 |
| Caprolactam | 0.095 | 0.104 | 0.010 | 9.3089 | 50.0 |
| 4-Chloro-3-methylphenol | 0.340 | 0.389 | 0.040 | 14.1527 | 50.0 |
| 1-Methylnaphthalene | 0.683 | 0.735 | 0.100 | 7.5627 | 50.0 |
| 2-Methylnaphthalene | 0.683 | 0.740 | 0.100 | 8.2663 | 50.0 |
| Hexachlorocyclopentadiene | 0.374 | 0.328 | 0.010 | -12.3979 | 50.0 |
| 2,4,6-Trichlorophenol | 0.406 | 0.410 | 0.090 | 0.856 | 50.0 |
| 2,4,5-Trichlorophenol | 0.420 | 0.431 | 0.100 | 2.4674 | 50.0 |
| 1,1-Biphenyl | 1.448 | 1.463 | 0.200 | 1.024 | 50.0 |
| 2-Chloronaphthalene | 1.168 | 1.181 | 0.300 | 1.1496 | 50.0 |
| 2-Nitroaniline | 0.368 | 0.402 | 0.050 | 9.1768 | 50.0 |
| Dimethylphthalate | 1.415 | 1.478 | 0.300 | 4.4538 | 50.0 |
| 2,6-Dinitrotoluene | 0.287 | 0.297 | 0.080 | 3.2999 | 50.0 |
| Acenaphthylene | 1.832 | 1.897 | 0.400 | 3.5786 | 50.0 |
| 3-Nitroaniline | 0.265 | 0.289 | 0.010 | 9.0889 | 50.0 |
| Acenaphthene | 1.217 | 1.245 | 0.200 | 2.2707 | 50.0 |
| 2,4-Dinitrophenol | 0.164 | 0.147 | 0.010 | -10.2152 | 50.0 |
| 4-Nitrophenol | 0.202 | 0.206 | 0.010 | 1.7383 | 50.0 |
| Dibenzofuran | 1.653 | 1.712 | 0.300 | 3.5877 | 50.0 |
| 2,4-Dinitrotoluene | 0.393 | 0.421 | 0.070 | 7.2795 | 50.0 |
| Diethylphthalate | 1.404 | 1.410 | 0.300 | 0.4642 | 50.0 |

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG No.: BP032524

Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 20:18

Lab File ID: BP019989.D Init. Calib. Date(s):

EPA Sample No.: SSTD020763 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Fluorene | 1.348 | 1.390 | 0.200 | 3.1153 | 50.0 |
| 4-Chlorophenyl-phenylether | 0.722 | 0.723 | 0.100 | 0.1233 | 50.0 |
| 4-Nitroaniline | 0.226 | 0.255 | 0.010 | 12.7766 | 50.0 |
| 4,6-Dinitro-2-methylphenol | 0.127 | 0.126 | 0.010 | -1.0207 | 50.0 |
| N-Nitrosodiphenylamine | 0.552 | 0.586 | 0.050 | 6.0186 | 50.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.661 | 0.660 | 0.100 | -0.1972 | 50.0 |
| 4-Bromophenyl-phenylether | 0.217 | 0.222 | 0.070 | 2.4931 | 50.0 |
| Hexachlorobenzene | 0.241 | 0.246 | 0.050 | 2.2072 | 50.0 |
| Atrazine | 0.212 | 0.212 | 0.010 | 0.2255 | 50.0 |
| Pentachlorophenol | 0.141 | 0.137 | 0.010 | -3.1947 | 50.0 |
| Phenanthrene | 1.034 | 1.054 | 0.200 | 1.9608 | 50.0 |
| Pentachlorobenzene | 0.302 | 0.313 | 0.050 | 3.573 | 50.0 |
| Anthracene | 1.050 | 1.095 | 0.200 | 4.2984 | 50.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.326 | 0.327 | 0.050 | 0.3132 | 50.0 |
| Carbazole | 0.898 | 0.910 | 0.050 | 1.3541 | 50.0 |
| Di-n-butylphthalate | 1.121 | 1.044 | 0.500 | -6.8636 | 50.0 |
| Fluoranthene | 1.378 | 1.538 | 0.400 | 11.6136 | 50.0 |
| Pyrene | 1.432 | 1.590 | 0.400 | 10.9877 | 50.0 |
| Butylbenzylphthalate | 0.582 | 0.552 | 0.100 | -5.0362 | 50.0 |
| 3,3-Dichlorobenzidine | 0.425 | 0.420 | 0.010 | -1.1674 | 50.0 |
| Benzo(a)anthracene | 1.384 | 1.416 | 0.300 | 2.3276 | 50.0 |
| Chrysene | 1.287 | 1.334 | 0.200 | 3.6576 | 50.0 |
| Bis(2-ethylhexyl)phthalate | 0.850 | 0.740 | 0.200 | -12.9137 | 50.0 |
| Di-n-octyl phthalate | 1.268 | 1.128 | 0.010 | -11.0849 | 50.0 |
| Benzo(b)fluoranthene | 1.173 | 1.190 | 0.200 | 1.4447 | 50.0 |
| Benzo(k)fluoranthene | 1.192 | 1.243 | 0.200 | 4.2771 | 50.0 |
| Benzo(a)pyrene | 1.134 | 1.169 | 0.200 | 3.0967 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.429 | 1.449 | 0.200 | 1.4562 | 50.0 |
| Dibenzo(a,h)anthracene | 1.162 | 1.195 | 0.200 | 2.8404 | 50.0 |
| Benzo(g,h,i)perylene | 1.154 | 1.178 | 0.200 | 2.0503 | 50.0 |
| 2,3,4,6-Tetrachlorophenol | 0.360 | 0.374 | 0.040 | 3.7891 | 50.0 |
| 1,4-Dioxane-d8 | 0.456 | 0.493 | 0.010 | 7.8989 | 50.0 |
| Pyridine-d5 | 1.378 | 1.414 | 0.010 | 2.5763 | 50.0 |
| Phenol-d5 | 1.687 | 1.789 | 0.010 | 6.0596 | 50.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.099 | 1.203 | 0.050 | 9.4396 | 50.0 |
| 2-Chlorophenol-d4 | 1.211 | 1.281 | 0.200 | 5.7588 | 50.0 |
| 4-Methylphenol-d8 | 1.305 | 1.439 | 0.010 | 10.2387 | 50.0 |
| Nitrobenzene-d5 | 0.153 | 0.159 | 0.050 | 3.4244 | 50.0 |
| 2-Nitrophenol-d4 | 0.172 | 0.179 | 0.050 | 4.2491 | 50.0 |
| 2,4-Dichlorophenol-d3 | 0.313 | 0.330 | 0.060 | 5.3776 | 50.0 |
| 4-Chloroaniline-d4 | 0.408 | 0.446 | 0.010 | 9.2011 | 50.0 |

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG No.: BP032524

Instrument ID: BNA_P Calibration Date/Time: 3/25/2024 1: 20:18

Lab File ID: BP019989.D Init. Calib. Date(s):

EPA Sample No.: SSTD020763 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dimethylphthalate-d6 | 1.402 | 1.448 | 0.300 | 3.2927 | 50.0 |
| Acenaphthylene-d8 | 1.638 | 1.702 | 0.400 | 3.8916 | 50.0 |
| 4-Nitrophenol-d4 | 0.220 | 0.210 | 0.010 | -4.545 | 50.0 |
| Fluorene-d10 | 1.195 | 1.236 | 0.100 | 3.4429 | 50.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.120 | 0.119 | 0.010 | -0.3153 | 50.0 |
| Anthracene-d10 | 0.885 | 0.908 | 0.300 | 2.6141 | 50.0 |
| Pyrene-d10 | 1.173 | 1.271 | 0.300 | 8.3306 | 50.0 |
| Benzo(a)pyrene-d12 | 0.961 | 0.994 | 0.010 | 3.4368 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/4/2024 12:00:00 AM |
| Client Sample ID: | SBLK425 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159425BL | | | 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 |
|---|---|---|---|---|
| BP019978.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.35 | U | 0.35 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 1.7 | U | 1.7 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.91 | U | 0.91 | 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) | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.69 | U | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.94 | U | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.91 | U | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.1 | U | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/4/2024 12:00:00 AM |
| Client Sample ID: | SBLK425 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159425BL | | | 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 |
|---|---|---|---|---|
| BP019978.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.83 | U | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.95 | U | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.9 | U | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 2.7 | U | 2.7 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3 | U | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 3/4/2024 12:00:00 AM |
| Project: | | Date Received: | 3/4/2024 12:00:00 AM |
| Client Sample ID: | SBLK425 | SDG No.: | BP032524 |
| Lab Sample ID: | PB159425BL | 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 |
|---|---|---|---|---|
| BP019978.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.176 | | 15-120 | | 90 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 33.285 | | 20-120 | | 83 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 33.491 | | 10-130 | | 84 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 33.974 | | 25-120 | | 85 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 33.427 | | 20-130 | | 84 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 33.136 | | 25-125 | | 83 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.002 | | 20-125 | | 85 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 34.709 | | 20-130 | | 87 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 29.479 | | 20-120 | | 74 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 34.589 | | 1-146 | | 86 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 34.804 | | 25-130 | | 87 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 34.475 | | 10-130 | | 86 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 28.551 | | 10-150 | | 71 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 34.45 | | 25-125 | | 86 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.818 | | 10-130 | | 70 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 33.844 | | 25-130 | | 85 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 34.091 | | 15-130 | | 85 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 34.954 | | 20-130 | | 87 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 108609 | 7.599 | | | | |
| 1146-65-2 | Naphthalene-d8 | 432697 | 10.346 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 279020 | 14.239 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 588862 | 17.063 | | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/4/2024 12:00:00 AM |
| Client Sample ID: | SBLK425 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159425BL | | | 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 |
|---|---|---|---|---|
| BP019978.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 511849 | 21.539 | | | | |
| 1520-96-3 | Perylene-d12 | 564326 | 24.827 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019979.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | J | 0.35 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 6.7 | J | 1.1 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 4.8 | J | 1.7 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 4.8 | J | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 5.1 | J | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 4.9 | J | 0.91 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 4.7 | J | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 5.2 | J | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 5.2 | J | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 4.8 | J | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 5.3 | | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 4.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 4.9 | J | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 4.9 | J | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 4.9 | J | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 3.5 | J | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 5 | | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 4.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 4.9 | J | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 4.8 | J | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 4.8 | J | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 4.9 | J | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 4.7 | J | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 5.2 | | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 5 | | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.2 | J | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 4.5 | J | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 4.6 | J | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 4.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 4.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 4.7 | J | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019979.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 4.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 4.5 | J | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 5 | | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 4.5 | J | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 4.9 | J | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 4.6 | J | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 4.2 | J | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 4.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 4.9 | J | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 4.8 | J | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 5 | | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 4.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 4.1 | J | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 4.9 | J | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 4.9 | J | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 4.7 | J | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 4.9 | J | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 4.7 | J | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 4.9 | J | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 4.7 | J | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 4.8 | J | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 5.2 | | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 4.5 | J | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 4.6 | J | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 4.4 | J | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 4.6 | J | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 4.8 | J | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 4.9 | J | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 4.4 | J | 2.7 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 4.4 | J | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 4.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 4.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 4.5 | J | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019979.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 4.9 | J | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 4.8 | J | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 4.8 | J | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 4.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 4.7 | J | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 4.5 | J | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 4.8 | J | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 4.6 | J | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.634 | | 15-120 | | 70 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 25.113 | | 20-120 | | 63 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 24.488 | | 10-130 | | 61 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.076 | | 25-120 | | 63 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 24.573 | | 20-130 | | 61 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 23.902 | | 25-125 | | 60 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.321 | | 20-125 | | 61 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.313 | | 20-130 | | 61 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.382 | | 20-120 | | 58 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.951 | | 1-146 | | 60 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.436 | | 25-130 | | 61 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 24.429 | | 10-130 | | 61 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.688 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.344 | | 25-125 | | 61 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.469 | | 10-130 | | 51 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.65 | | 25-130 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.201 | | 15-130 | | 61 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 24.229 | | 20-130 | | 61 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 142293 | 7.593 | | | | |
| 1146-65-2 | Naphthalene-d8 | 584980 | 10.357 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 381952 | 14.228 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 772215 | 17.069 | | | | |

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# Report of Analysis

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|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019979.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 634735 | 21.533 | | | | |
| 1520-96-3 | Perylene-d12 | 677040 | 24.827 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-03 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 30.1 Units: g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019980.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 38 | J | 11 | 6.6 | 66 | ug/Kg |
| 100-52-7 | Benzaldehyde | 210 | J | 45 | 82.2 | 330 | ug/Kg |
| 110-86-1 | Pyridine | 150 | J | 33 | 160 | 330 | ug/Kg |
| 108-95-2 | Phenol | 150 | J | 43 | 82.2 | 330 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 150 | J | 40 | 82.2 | 330 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 150 | J | 23 | 42.4 | 170 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 140 | J | 39 | 82.2 | 330 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 150 | J | 60 | 82.2 | 330 | ug/Kg |
| 98-86-2 | Acetophenone | 160 | J | 40 | 82.2 | 330 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 140 | J | 37 | 82.2 | 330 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 160 | J | 51 | 42.4 | 170 | ug/Kg |
| 67-72-1 | Hexachloroethane | 150 | J | 18 | 42.4 | 170 | ug/Kg |
| 98-95-3 | Nitrobenzene | 150 | J | 31 | 42.4 | 170 | ug/Kg |
| 78-59-1 | Isophorone | 140 | J | 48 | 42.4 | 170 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 140 | J | 31 | 42.4 | 170 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 110 | J | 25 | 42.4 | 170 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 140 | J | 43 | 42.4 | 170 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 140 | J | 16 | 42.4 | 170 | ug/Kg |
| 91-20-3 | Naphthalene | 140 | J | 25 | 42.4 | 170 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 140 | J | 24 | 42.4 | 330 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 140 | J | 44 | 42.4 | 170 | ug/Kg |
| 105-60-2 | Caprolactam | 150 | J | 72 | 82.2 | 330 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 140 | J | 49 | 42.4 | 170 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 150 | J | 33 | 42.4 | 170 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 150 | J | 23 | 42.4 | 170 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 180 | J | 95 | 82.2 | 330 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 130 | J | 49 | 42.4 | 170 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 130 | J | 39 | 42.4 | 170 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 140 | J | 24 | 42.4 | 170 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 140 | J | 26 | 42.4 | 170 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 130 | J | 41 | 42.4 | 170 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-03 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 30.1 Units: g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019980.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 140 | J | 29 | 42.4 | 170 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 130 | J | 44 | 42.4 | 170 | ug/Kg |
| 208-96-8 | Acenaphthylene | 140 | J | 32 | 42.4 | 170 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 120 | J | 44 | 82.2 | 330 | ug/Kg |
| 83-32-9 | Acenaphthene | 140 | J | 29 | 42.4 | 170 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 130 | J | 48 | 82.2 | 330 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | J | 44 | 82.2 | 330 | ug/Kg |
| 132-64-9 | Dibenzofuran | 140 | J | 32 | 42.4 | 170 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 140 | J | 43 | 42.4 | 170 | ug/Kg |
| 84-66-2 | Diethylphthalate | 140 | J | 30 | 42.4 | 170 | ug/Kg |
| 86-73-7 | Fluorene | 140 | J | 25 | 42.4 | 170 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 140 | J | 20 | 42.4 | 170 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 130 | J | 31 | 82.2 | 330 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 140 | J | 77 | 82.2 | 330 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 140 | J | 33 | 42.4 | 170 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 140 | J | 24 | 42.4 | 170 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 140 | J | 29 | 42.4 | 170 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 140 | J | 32 | 42.4 | 170 | ug/Kg |
| 1912-24-9 | Atrazine | 140 | J | 71 | 82.2 | 330 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 130 | J | 74 | 82.2 | 330 | ug/Kg |
| 85-01-8 | Phenanthrene | 140 | J | 29 | 42.4 | 170 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 150 | J | 52 | 42.4 | 170 | ug/Kg |
| 120-12-7 | Anthracene | 130 | J | 25 | 42.4 | 170 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 130 | J | 50 | 42.4 | 170 | ug/Kg |
| 86-74-8 | Carbazole | 140 | J | 28 | 82.2 | 330 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 130 | J | 61 | 42.4 | 170 | ug/Kg |
| 206-44-0 | Fluoranthene | 140 | J | 54 | 82.2 | 170 | ug/Kg |
| 129-00-0 | Pyrene | 140 | J | 49 | 42.4 | 170 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 120 | J | 84 | 42.4 | 170 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 130 | J | 48 | 82.2 | 330 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 140 | J | 27 | 42.4 | 170 | ug/Kg |
| 218-01-9 | Chrysene | 140 | J | 31 | 42.4 | 170 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 130 | J | 96 | 42.4 | 170 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-03 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 30.1 Units: g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019980.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 130 | J | 76 | 82.2 | 330 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 140 | J | 33 | 42.4 | 170 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 140 | J | 38 | 42.4 | 170 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 140 | J | 32 | 42.4 | 170 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 140 | J | 31 | 42.4 | 170 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 140 | J | 28 | 42.4 | 170 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 140 | J | 26 | 42.4 | 170 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 140 | J | 33 | 42.4 | 170 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.069 | | 15-120 | | 63 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 23.941 | | 20-120 | | 60 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.999 | | 10-130 | | 57 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.337 | | 10-150 | | 58 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 23.191 | | 15-120 | | 58 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 23.043 | | 10-140 | | 58 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 22.333 | | 10-135 | | 56 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.233 | | 10-120 | | 56 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.573 | | 10-140 | | 54 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.407 | | 1-145 | | 56 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.442 | | 10-145 | | 56 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.433 | | 15-120 | | 56 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 18.767 | | 10-150 | | 47 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.342 | | 20-140 | | 56 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.82 | | 10-130 | | 47 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 21.07 | | 10-150 | | 53 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 21.674 | | 10-130 | | 54 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.488 | | 10-140 | | 56 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 135174 | 7.581 | | | | |
| 1146-65-2 | Naphthalene-d8 | 570807 | 10.328 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 370979 | 14.228 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 760637 | 17.075 | | | | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-SOIL-QT1-2024-01 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-03 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 30.1 | Units: | g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019980.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 639639 | 21.533 | | | | |
| 1520-96-3 | Perylene-d12 | 702670 | 24.833 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 24 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-MED-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 1.06 Units: g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 uL | Test: | |
| Extraction Type : | Decanted : | Level : | MED |
| Injection Volume : | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019981.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | J | 250 | 190 | 1900 | ug/Kg |
| 100-52-7 | Benzaldehyde | 6100 | J | 1300 | 2300 | 9400 | ug/Kg |
| 110-86-1 | Pyridine | 4700 | J | 1600 | 4700 | 9400 | ug/Kg |
| 108-95-2 | Phenol | 4600 | J | 1100 | 2300 | 9400 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 4500 | J | 1000 | 2300 | 9400 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 4500 | J | 740 | 1200 | 4700 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 4200 | J | 820 | 2300 | 9400 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 4700 | J | 1900 | 2300 | 9400 | ug/Kg |
| 98-86-2 | Acetophenone | 4500 | J | 920 | 2300 | 9400 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 4400 | J | 800 | 2300 | 9400 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 4400 | J | 1600 | 1200 | 4700 | ug/Kg |
| 67-72-1 | Hexachloroethane | 4700 | | 450 | 1200 | 4700 | ug/Kg |
| 98-95-3 | Nitrobenzene | 4700 | | 890 | 1200 | 4700 | ug/Kg |
| 78-59-1 | Isophorone | 4300 | J | 1000 | 1200 | 4700 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 4700 | | 660 | 1200 | 4700 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3500 | J | 670 | 1200 | 4700 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 4400 | J | 1200 | 1200 | 4700 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4300 | J | 600 | 1200 | 4700 | ug/Kg |
| 91-20-3 | Naphthalene | 4500 | J | 660 | 1200 | 4700 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 4400 | J | 530 | 1200 | 9400 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 4500 | J | 1300 | 1200 | 4700 | ug/Kg |
| 105-60-2 | Caprolactam | 4200 | J | 2600 | 2300 | 9400 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 4200 | J | 1200 | 1200 | 4700 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4700 | | 1100 | 1200 | 4700 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4300 | J | 600 | 1200 | 4700 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 4500 | J | 2500 | 2300 | 9400 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 4200 | J | 1100 | 1200 | 4700 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 3900 | J | 720 | 1200 | 4700 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 4600 | J | 660 | 1200 | 4700 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 4600 | J | 660 | 1200 | 4700 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 4000 | J | 1500 | 1200 | 4700 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-MED-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 1.06 Units: g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 uL | Test: | |
| Extraction Type : | Decanted : | Level : | MED |
| Injection Volume : | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019981.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 4700 | | 690 | 1200 | 4700 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 4000 | J | 1200 | 1200 | 4700 | ug/Kg |
| 208-96-8 | Acenaphthylene | 4700 | | 750 | 1200 | 4700 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 3900 | J | 800 | 2300 | 9400 | ug/Kg |
| 83-32-9 | Acenaphthene | 4700 | | 770 | 1200 | 4700 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3700 | J | 2700 | 2300 | 9400 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 4500 | J | 1000 | 2300 | 9400 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4700 | | 680 | 1200 | 4700 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 4600 | J | 920 | 1200 | 4700 | ug/Kg |
| 84-66-2 | Diethylphthalate | 4400 | J | 770 | 1200 | 4700 | ug/Kg |
| 86-73-7 | Fluorene | 4800 | | 670 | 1200 | 4700 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 4700 | | 670 | 1200 | 4700 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 4100 | J | 730 | 2300 | 9400 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 4100 | J | 2100 | 2300 | 9400 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 4400 | J | 690 | 1200 | 4700 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 4400 | J | 600 | 1200 | 4700 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 4300 | J | 670 | 1200 | 4700 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 4400 | J | 760 | 1200 | 4700 | ug/Kg |
| 1912-24-9 | Atrazine | 4400 | J | 1900 | 2300 | 9400 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 4000 | J | 1700 | 2300 | 9400 | ug/Kg |
| 85-01-8 | Phenanthrene | 4600 | J | 790 | 1200 | 4700 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 4500 | J | 1500 | 1200 | 4700 | ug/Kg |
| 120-12-7 | Anthracene | 4200 | J | 640 | 1200 | 4700 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 4200 | J | 1600 | 1200 | 4700 | ug/Kg |
| 86-74-8 | Carbazole | 4400 | J | 580 | 2300 | 9400 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 4100 | J | 1400 | 1200 | 4700 | ug/Kg |
| 206-44-0 | Fluoranthene | 4000 | J | 1300 | 2300 | 4700 | ug/Kg |
| 129-00-0 | Pyrene | 4100 | J | 1000 | 1200 | 4700 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3800 | J | 2300 | 1200 | 4700 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 3500 | J | 1500 | 2300 | 9400 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4400 | J | 520 | 1200 | 4700 | ug/Kg |
| 218-01-9 | Chrysene | 4500 | J | 740 | 1200 | 4700 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3700 | J | 2500 | 1200 | 4700 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-MED-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 1.06 Units: g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 uL | Test: | |
| Extraction Type : | Decanted : | Level : | MED |
| Injection Volume : | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019981.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 4000 | J | 2500 | 2300 | 9400 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 4500 | J | 1000 | 1200 | 4700 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 4500 | J | 730 | 1200 | 4700 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 4600 | J | 1000 | 1200 | 4700 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 4400 | J | 860 | 1200 | 4700 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4500 | J | 730 | 1200 | 4700 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 4600 | J | 870 | 1200 | 4700 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 4200 | J | 920 | 1200 | 4700 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.592 | | 15-120 | | 70 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 26.729 | | 20-120 | | 67 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 25.483 | | 10-130 | | 64 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.112 | | 10-150 | | 63 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.366 | | 15-120 | | 63 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.588 | | 10-140 | | 61 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 25.013 | | 10-135 | | 63 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.956 | | 10-120 | | 62 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.535 | | 10-140 | | 59 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 24.314 | | 1-145 | | 61 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.471 | | 10-145 | | 64 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.914 | | 15-120 | | 65 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 21.293 | | 10-150 | | 53 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 25.972 | | 20-140 | | 65 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.52 | | 10-130 | | 51 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.248 | | 10-150 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.684 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25.65 | | 10-140 | | 64 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 107651 | 7.587 | | | | |
| 1146-65-2 | Naphthalene-d8 | 419516 | 10.34 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 254889 | 14.24 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 544459 | 17.069 | | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-MED-SOIL-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 1.06 Units: g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 uL | Test: | |
| Extraction Type : | Decanted : | Level : | MED |
| Injection Volume : | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019981.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 528074 | 21.539 | | | | |
| 1520-96-3 | Perylene-d12 | 588737 | 24.827 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 660 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019982.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | J | 0.35 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 5 | J | 1.1 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 3.9 | J | 1.7 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 3.8 | J | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 4 | J | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 4 | J | 0.91 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 3.7 | J | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 4 | J | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 4 | J | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 3.8 | J | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 3.8 | J | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 4 | J | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 4 | J | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 3.9 | J | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 3.8 | J | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 3.1 | J | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 3.8 | J | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 4 | J | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 4 | J | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 3.8 | J | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 4.1 | J | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 4.3 | J | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 3.7 | J | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 4.1 | J | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 3.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.9 | J | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 3.5 | J | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 3.4 | J | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 3.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 3.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 3.4 | J | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019982.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 4 | J | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 3.7 | J | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 3.9 | J | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 3.3 | J | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 3.8 | J | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 3.4 | J | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 3.6 | J | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 4 | J | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 3.8 | J | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 4 | J | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 4 | J | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 4.1 | J | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 3.8 | J | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3.6 | J | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 3.7 | J | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 3.7 | J | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 3.6 | J | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 3.7 | J | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 4 | J | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 3.5 | J | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 3.8 | J | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 3.8 | J | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 3.7 | J | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 3.5 | J | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 3.6 | J | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 3.9 | J | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 3.5 | J | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 3.6 | J | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 3.6 | J | 2.7 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 3.5 | J | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 3.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 3.9 | J | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3.7 | J | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019982.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 3.9 | J | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 3.7 | J | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 3.8 | J | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 3.8 | J | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 3.7 | J | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 3.7 | J | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 3.7 | J | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 3.7 | J | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.828 | | 15-120 | | 60 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 21.18 | | 20-120 | | 53 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 20.677 | | 10-130 | | 52 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.652 | | 25-120 | | 52 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.848 | | 20-130 | | 52 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.901 | | 25-125 | | 50 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.248 | | 20-125 | | 53 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.755 | | 20-130 | | 52 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.383 | | 20-120 | | 48 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.872 | | 1-146 | | 50 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.753 | | 25-130 | | 52 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 20.405 | | 10-130 | | 51 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 17.436 | | 10-150 | | 44 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.097 | | 25-125 | | 53 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 17.212 | | 10-130 | | 43 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 19.067 | | 25-130 | | 48 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 18.535 | | 15-130 | | 46 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 20.641 | | 20-130 | | 52 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 129404 | 7.593 | | | | |
| 1146-65-2 | Naphthalene-d8 | 502205 | 10.34 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 328886 | 14.246 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 724555 | 17.075 | | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 2/26/2024 12:00:00 AM |
| Project: | | Date Received: | 2/26/2024 12:00:00 AM |
| Client Sample ID: | MDL-WATER-QT1-2024-01 | SDG No.: | BP032524 |
| Lab Sample ID: | P1601-01 | 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 |
|---|---|---|---|---|
| BP019982.D | 1 | 3/4/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159425 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 721336 | 21.545 | | | | |
| 1520-96-3 | Perylene-d12 | 825081 | 24.845 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK444 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159444BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 30 | Units: | g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019983.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11 | U | 11 | 6.6 | 67 | ug/Kg |
| 100-52-7 | Benzaldehyde | 45 | U | 45 | 82.5 | 330 | ug/Kg |
| 110-86-1 | Pyridine | 33 | U | 33 | 170 | 330 | ug/Kg |
| 108-95-2 | Phenol | 43 | U | 43 | 82.5 | 330 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 40 | U | 40 | 82.5 | 330 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 23 | U | 23 | 42.5 | 170 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 39 | U | 39 | 82.5 | 330 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 60 | U | 60 | 82.5 | 330 | ug/Kg |
| 98-86-2 | Acetophenone | 40 | U | 40 | 82.5 | 330 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 37 | U | 37 | 82.5 | 330 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 51 | U | 51 | 42.5 | 170 | ug/Kg |
| 67-72-1 | Hexachloroethane | 18 | U | 18 | 42.5 | 170 | ug/Kg |
| 98-95-3 | Nitrobenzene | 31 | U | 31 | 42.5 | 170 | ug/Kg |
| 78-59-1 | Isophorone | 48 | U | 48 | 42.5 | 170 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 31 | U | 31 | 42.5 | 170 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 25 | U | 25 | 42.5 | 170 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 43 | U | 43 | 42.5 | 170 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 16 | U | 16 | 42.5 | 170 | ug/Kg |
| 91-20-3 | Naphthalene | 25 | U | 25 | 42.5 | 170 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 24 | U | 24 | 42.5 | 330 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 44 | U | 44 | 42.5 | 170 | ug/Kg |
| 105-60-2 | Caprolactam | 72 | U | 72 | 82.5 | 330 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 49 | U | 49 | 42.5 | 170 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 33 | U | 33 | 42.5 | 170 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 23 | U | 23 | 42.5 | 170 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 95 | U | 95 | 82.5 | 330 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 49 | U | 49 | 42.5 | 170 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 39 | U | 39 | 42.5 | 170 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 24 | U | 24 | 42.5 | 170 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 26 | U | 26 | 42.5 | 170 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 41 | U | 41 | 42.5 | 170 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK444 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159444BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 30 | Units: | g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019983.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 29 | U | 29 | 42.5 | 170 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 44 | U | 44 | 42.5 | 170 | ug/Kg |
| 208-96-8 | Acenaphthylene | 32 | U | 32 | 42.5 | 170 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 44 | U | 44 | 82.5 | 330 | ug/Kg |
| 83-32-9 | Acenaphthene | 29 | U | 29 | 42.5 | 170 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 48 | U | 48 | 82.5 | 330 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 44 | U | 44 | 82.5 | 330 | ug/Kg |
| 132-64-9 | Dibenzofuran | 32 | U | 32 | 42.5 | 170 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 43 | U | 43 | 42.5 | 170 | ug/Kg |
| 84-66-2 | Diethylphthalate | 30 | U | 30 | 42.5 | 170 | ug/Kg |
| 86-73-7 | Fluorene | 25 | U | 25 | 42.5 | 170 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 20 | U | 20 | 42.5 | 170 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 31 | U | 31 | 82.5 | 330 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 77 | U | 77 | 82.5 | 330 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 33 | U | 33 | 42.5 | 170 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 24 | U | 24 | 42.5 | 170 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 29 | U | 29 | 42.5 | 170 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 32 | U | 32 | 42.5 | 170 | ug/Kg |
| 1912-24-9 | Atrazine | 71 | U | 71 | 82.5 | 330 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 74 | U | 74 | 82.5 | 330 | ug/Kg |
| 85-01-8 | Phenanthrene | 29 | U | 29 | 42.5 | 170 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 52 | U | 52 | 42.5 | 170 | ug/Kg |
| 120-12-7 | Anthracene | 25 | U | 25 | 42.5 | 170 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 50 | U | 50 | 42.5 | 170 | ug/Kg |
| 86-74-8 | Carbazole | 28 | U | 28 | 82.5 | 330 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 61 | U | 61 | 42.5 | 170 | ug/Kg |
| 206-44-0 | Fluoranthene | 54 | U | 54 | 82.5 | 170 | ug/Kg |
| 129-00-0 | Pyrene | 49 | U | 49 | 42.5 | 170 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 84 | U | 84 | 42.5 | 170 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 48 | U | 48 | 82.5 | 330 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 27 | U | 27 | 42.5 | 170 | ug/Kg |
| 218-01-9 | Chrysene | 31 | U | 31 | 42.5 | 170 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 96 | U | 96 | 42.5 | 170 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK444 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159444BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 30 | Units: | g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019983.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 76 | U | 76 | 82.5 | 330 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 33 | U | 33 | 42.5 | 170 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 38 | U | 38 | 42.5 | 170 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 32 | U | 32 | 42.5 | 170 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 31 | U | 31 | 42.5 | 170 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 28 | U | 28 | 42.5 | 170 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 26 | U | 26 | 42.5 | 170 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 33 | U | 33 | 42.5 | 170 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.146 | | 15-120 | | 89 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 34.806 | | 20-120 | | 87 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 34.079 | | 10-130 | | 85 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 37.363 | | 10-150 | | 93 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 34.576 | | 15-120 | | 86 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 36.422 | | 10-140 | | 91 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.456 | | 10-135 | | 86 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 35.866 | | 10-120 | | 90 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 32.579 | | 10-140 | | 81 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 36.673 | | 1-145 | | 92 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 38.271 | | 10-145 | | 96 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 34.348 | | 15-120 | | 86 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 34.271 | | 10-150 | | 86 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 36.507 | | 20-140 | | 91 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 34.386 | | 10-130 | | 86 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.986 | | 10-150 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 39.417 | | 10-130 | | 99 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 38.776 | | 10-140 | | 97 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 136308 | 7.569 | | | | |
| 1146-65-2 | Naphthalene-d8 | 592085 | 10.328 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 435652 | 14.228 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 939817 | 17.069 | | | | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK444 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159444BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 30 | Units: | g | Final Vol: | 500 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 |
|---|---|---|---|---|
| BP019983.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159444 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 749528 | 21.557 | | | | |
| 1520-96-3 | Perylene-d12 | 674516 | 24.856 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 24 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK446 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159446BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.03 | Units: | g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | MED |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019984.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 260 | U | 260 | 190 | 1900 | ug/Kg |
| 100-52-7 | Benzaldehyde | 1400 | U | 1400 | 2400 | 9700 | ug/Kg |
| 110-86-1 | Pyridine | 1700 | U | 1700 | 4800 | 9700 | ug/Kg |
| 108-95-2 | Phenol | 1200 | U | 1200 | 2400 | 9700 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1100 | U | 1100 | 2400 | 9700 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 760 | U | 760 | 1200 | 4900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 840 | U | 840 | 2400 | 9700 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1900 | U | 1900 | 2400 | 9700 | ug/Kg |
| 98-86-2 | Acetophenone | 940 | U | 940 | 2400 | 9700 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 830 | U | 830 | 2400 | 9700 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1700 | U | 1700 | 1200 | 4900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 470 | U | 470 | 1200 | 4900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 910 | U | 910 | 1200 | 4900 | ug/Kg |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 1200 | 4900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 680 | U | 680 | 1200 | 4900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 690 | U | 690 | 1200 | 4900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1300 | U | 1300 | 1200 | 4900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 620 | U | 620 | 1200 | 4900 | ug/Kg |
| 91-20-3 | Naphthalene | 680 | U | 680 | 1200 | 4900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 540 | U | 540 | 1200 | 9700 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1200 | 4900 | ug/Kg |
| 105-60-2 | Caprolactam | 2700 | U | 2700 | 2400 | 9700 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1200 | 4900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1200 | U | 1200 | 1200 | 4900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 620 | U | 620 | 1200 | 4900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2600 | U | 2600 | 2400 | 9700 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1200 | U | 1200 | 1200 | 4900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 740 | U | 740 | 1200 | 4900 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 680 | U | 680 | 1200 | 4900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 680 | U | 680 | 1200 | 4900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1600 | U | 1600 | 1200 | 4900 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK446 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159446BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.03 | Units: | g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | MED |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019984.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 710 | U | 710 | 1200 | 4900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | 1300 | 1200 | 4900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 770 | U | 770 | 1200 | 4900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 830 | U | 830 | 2400 | 9700 | ug/Kg |
| 83-32-9 | Acenaphthene | 800 | U | 800 | 1200 | 4900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 2800 | U | 2800 | 2400 | 9700 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1100 | U | 1100 | 2400 | 9700 | ug/Kg |
| 132-64-9 | Dibenzofuran | 700 | U | 700 | 1200 | 4900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 940 | U | 940 | 1200 | 4900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 800 | U | 800 | 1200 | 4900 | ug/Kg |
| 86-73-7 | Fluorene | 690 | U | 690 | 1200 | 4900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 690 | U | 690 | 1200 | 4900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 750 | U | 750 | 2400 | 9700 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2100 | U | 2100 | 2400 | 9700 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 710 | U | 710 | 1200 | 4900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 620 | U | 620 | 1200 | 4900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 690 | U | 690 | 1200 | 4900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 790 | U | 790 | 1200 | 4900 | ug/Kg |
| 1912-24-9 | Atrazine | 1900 | U | 1900 | 2400 | 9700 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1700 | U | 1700 | 2400 | 9700 | ug/Kg |
| 85-01-8 | Phenanthrene | 820 | U | 820 | 1200 | 4900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 1600 | U | 1600 | 1200 | 4900 | ug/Kg |
| 120-12-7 | Anthracene | 660 | U | 660 | 1200 | 4900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1700 | U | 1700 | 1200 | 4900 | ug/Kg |
| 86-74-8 | Carbazole | 590 | U | 590 | 2400 | 9700 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1500 | U | 1500 | 1200 | 4900 | ug/Kg |
| 206-44-0 | Fluoranthene | 1400 | U | 1400 | 2400 | 4900 | ug/Kg |
| 129-00-0 | Pyrene | 1100 | U | 1100 | 1200 | 4900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 2300 | U | 2300 | 1200 | 4900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 1600 | U | 1600 | 2400 | 9700 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 530 | U | 530 | 1200 | 4900 | ug/Kg |
| 218-01-9 | Chrysene | 760 | U | 760 | 1200 | 4900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 2500 | U | 2500 | 1200 | 4900 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK446 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159446BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.03 | Units: | g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | MED |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019984.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 2600 | U | 2600 | 2400 | 9700 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1200 | 4900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 750 | U | 750 | 1200 | 4900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1200 | 4900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 880 | U | 880 | 1200 | 4900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 750 | U | 750 | 1200 | 4900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 890 | U | 890 | 1200 | 4900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 940 | U | 940 | 1200 | 4900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.748 | | 15-120 | | 97 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 37.802 | | 20-120 | | 95 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 38.453 | | 10-130 | | 96 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 40.151 | | 10-150 | | 100 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 38.833 | | 15-120 | | 97 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 39.66 | | 10-140 | | 99 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 39.945 | | 10-135 | | 100 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 40.389 | | 10-120 | | 101 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.497 | | 10-140 | | 86 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 40.505 | | 1-145 | | 101 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 41.004 | | 10-145 | | 103 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 40.166 | | 15-120 | | 100 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 34.749 | | 10-150 | | 87 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 40.78 | | 20-140 | | 102 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 35.262 | | 10-130 | | 88 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 40.942 | | 10-150 | | 102 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 40.711 | | 10-130 | | 102 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 43.958 | | 10-140 | | 110 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 100170 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 408687 | 10.369 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 262088 | 14.251 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 531233 | 17.063 | | | | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/5/2024 12:00:00 AM |
| Client Sample ID: | SBLK446 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159446BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.03 | Units: | g | Final Vol: | 500 uL |
| Soil Aliquot Vol: | 100 | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | MED |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP019984.D | 1 | 3/5/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159446 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 456543 | 21.545 | | | | |
| 1520-96-3 | Perylene-d12 | 513750 | 24.833 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 680 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SLCS760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BS | | | 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 |
|---|---|---|---|---|
| BP019985.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 14 | | 0.35 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 31 | | 1.1 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 27 | | 1.7 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 38 | | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 38 | | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 38 | | 0.91 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 38 | | 1.5 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 39 | | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 38 | | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 39 | | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 39 | | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 38 | | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 38 | | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 38 | | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 37 | | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 36 | | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 37 | | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 38 | | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 37 | | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 21 | | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 36 | | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 44 | | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 41 | | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 37 | | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 37 | | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 32 | | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 35 | | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 39 | | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 36 | | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 36 | | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 41 | | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SLCS760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BS | | | 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 |
|---|---|---|---|---|
| BP019985.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 39 | | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 40 | | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 37 | | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 30 | | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 36 | | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 39 | | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 44 | | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 38 | | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 42 | | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 40 | | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 39 | | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 38 | | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 43 | | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 39 | | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 34 | | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 35 | | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 36 | | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 38 | | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 8.3 | J | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 36 | | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 39 | | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 35 | | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 38 | | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 34 | | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 37 | | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 39 | | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 37 | | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 37 | | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 38 | | 2.7 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 2.4 | J | 1.4 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 39 | | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 40 | | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 36 | | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|
| Client: | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SLCS760 | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BS | 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 |
|---|---|---|---|---|
| BP019985.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 40 | | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 43 | | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 42 | | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 42 | | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 42 | | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 43 | | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 42 | | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 38 | | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.188 | | 15-120 | | 90 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 22.236 | | 20-120 | | 56 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 37.37 | | 10-130 | | 93 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 36.5 | | 25-120 | | 91 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 36.737 | | 20-130 | | 92 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 37.051 | | 25-125 | | 93 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 35.451 | | 20-125 | | 89 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 36.352 | | 20-130 | | 91 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 36.969 | | 20-120 | | 92 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 13.837 | | 1-146 | | 35 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 37.091 | | 25-130 | | 93 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 35.853 | | 10-130 | | 90 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 40.35 | | 10-150 | | 101 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 37.32 | | 25-125 | | 93 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 37.557 | | 10-130 | | 94 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 36.801 | | 25-130 | | 92 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 35.594 | | 15-130 | | 89 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 37.322 | | 20-130 | | 93 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 91641 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 375230 | 10.369 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 247446 | 14.251 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 521327 | 17.057 | | | | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SLCS760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BS | | | 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 |
|---|---|---|---|---|
| BP019985.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 494933 | 21.539 | | | | |
| 1520-96-3 | Perylene-d12 | 531061 | 24.815 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SBLK760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BL | | | 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 |
|---|---|---|---|---|
| BP019986.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.35 | U | 0.35 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 1.7 | U | 1.7 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.91 | U | 0.91 | 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) | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.69 | U | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.94 | U | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.91 | U | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.1 | U | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|
| Client: | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SBLK760 | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BL | 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 |
|---|---|---|---|---|
| BP019986.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.83 | U | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.95 | U | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.9 | U | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 2.7 | U | 2.7 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3 | U | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SBLK760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BL | | | 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 |
|---|---|---|---|---|
| BP019986.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 6.358 | | 15-120 | | 79 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 9.205 | | 20-120 | | 23 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 29.168 | | 10-130 | | 73 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 30.155 | | 25-120 | | 75 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 29.302 | | 20-130 | | 73 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 28.967 | | 25-125 | | 72 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 29.525 | | 20-125 | | 74 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.835 | | 20-130 | | 75 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.13 | | 20-120 | | 63 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 3.779 | | 1-146 | | 9 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 32.767 | | 25-130 | | 82 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 29.539 | | 10-130 | | 74 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 28.812 | | 10-150 | | 72 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 31.602 | | 25-125 | | 79 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 26.507 | | 10-130 | | 66 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.213 | | 25-130 | | 78 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.784 | | 15-130 | | 72 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 32.083 | | 20-130 | | 80 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 111322 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 438148 | 10.363 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 292099 | 14.234 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 647862 | 17.069 | | | | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/25/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/25/2024 12:00:00 AM |
| Client Sample ID: | SBLK760 | | | SDG No.: | BP032524 |
| Lab Sample ID: | PB159760BL | | | 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 |
|---|---|---|---|---|
| BP019986.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 667351 | 21.539 | | | | |
| 1520-96-3 | Perylene-d12 | 755415 | 24.821 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY0 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-12 | | | 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 |
|---|---|---|---|---|
| BP019987.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.35 | U | 0.35 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.1 | U | 1.1 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 1.7 | U | 1.7 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.92 | U | 0.92 | 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) | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.7 | U | 0.7 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.95 | U | 0.95 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.95 | U | 0.95 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 2.6 | U | 2.6 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.92 | U | 0.92 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.1 | U | 3.1 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.6 | U | 1.6 | 2.5 | 5.1 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY0 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-12 | | | 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 |
|---|---|---|---|---|
| BP019987.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.6 | U | 1.6 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 0.97 | U | 0.97 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.8 | U | 1.8 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.95 | U | 0.95 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.84 | U | 0.84 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.4 | U | 2.4 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 1.8 | U | 1.8 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.9 | U | 1.9 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1.1 | U | 1.1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.9 | U | 1.9 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 1.9 | U | 1.9 | 5.1 | 5.1 | ug/L |
| 129-00-0 | Pyrene | 1.8 | U | 1.8 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 2.7 | U | 2.7 | 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 | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3 | U | 3 | 2.5 | 5.1 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY0 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-12 | | | 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 |
|---|---|---|---|---|
| BP019987.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 2.4 | U | 2.4 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 6.171 | | 15-120 | | 77 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.231 | * | 20-120 | | 13 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 8.685 | | 10-130 | | 22 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 44.995 | | 25-120 | | 112 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 32.209 | | 20-130 | | 81 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.711 | | 25-125 | | 54 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 42.48 | | 20-125 | | 106 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 40.304 | | 20-130 | | 101 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 37.037 | | 20-120 | | 93 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 12.137 | | 1-146 | | 30 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 47.457 | | 25-130 | | 119 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 43.441 | | 10-130 | | 109 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.658 | | 10-150 | | 19 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 45.394 | | 25-125 | | 113 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 40.431 | | 10-130 | | 101 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 47.424 | | 25-130 | | 119 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 55.573 | * | 15-130 | | 139 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 49.694 | | 20-130 | | 124 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 108883 | 7.616 | | | | |
| 1146-65-2 | Naphthalene-d8 | 474545 | 10.369 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 333695 | 14.228 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 694630 | 17.063 | | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY0 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-12 | | | 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 |
|---|---|---|---|---|
| BP019987.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 496208 | 21.528 | | | | |
| 1520-96-3 | Perylene-d12 | 467252 | 24.798 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000057-10-3 | n-Hexadecanoic acid | 3.8 | J | | | 18.016 | |
| 000057-11-4 | Octadecanoic acid | 2.9 | J | | | 19.363 | |
| E966796 | Total Alkanes | 1.1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY1 | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-13 | 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 |
|---|---|---|---|---|
| BP019988.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 0.35 | U | 0.35 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 1.7 | U | 1.7 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.91 | U | 0.91 | 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) | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 0.69 | U | 0.69 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.94 | U | 0.94 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.6 | U | 2.6 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 0.91 | U | 0.91 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.1 | U | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.6 | U | 1.6 | 2.5 | 5 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY1 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-13 | | | 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 |
|---|---|---|---|---|
| BP019988.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 131-11-3 | Dimethylphthalate | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.6 | U | 1.6 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.94 | U | 0.94 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 0.83 | U | 0.83 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.95 | U | 0.95 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 1.8 | U | 1.8 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.9 | U | 1.9 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1.1 | U | 1.1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.9 | U | 1.9 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 1.9 | U | 1.9 | 5 | 5 | ug/L |
| 129-00-0 | Pyrene | 1.8 | U | 1.8 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 2.7 | U | 2.7 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3 | U | 3 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY1 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-13 | | | 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 |
|---|---|---|---|---|
| BP019988.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 117-84-0 | Di-n-octyl phthalate | 2.4 | U | 2.4 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.188 | | 15-120 | | 65 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 4.034 | * | 20-120 | | 10 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.488 | | 10-130 | | 19 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 40.104 | | 25-120 | | 100 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 27.991 | | 20-130 | | 70 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.03 | | 25-125 | | 48 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.93 | | 20-125 | | 95 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 36.05 | | 20-130 | | 90 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 31.934 | | 20-120 | | 80 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.544 | | 1-146 | | 49 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 43.747 | | 25-130 | | 109 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 40.576 | | 10-130 | | 101 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.958 | | 10-150 | | 15 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 42.764 | | 25-125 | | 107 | SPK: -40 |
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 36.067 | | 10-130 | | 90 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 44.958 | | 25-130 | | 112 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 46.948 | | 15-130 | | 117 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 47.34 | | 20-130 | | 118 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 113511 | 7.622 | | | | |
| 1146-65-2 | Naphthalene-d8 | 494025 | 10.369 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 331849 | 14.234 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 644762 | 17.063 | | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 3/19/2024 12:00:00 AM |
| Project: | | | | Date Received: | 3/19/2024 12:00:00 AM |
| Client Sample ID: | E0LY1 | | | SDG No.: | BP032524 |
| Lab Sample ID: | P1813-13 | | | 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 |
|---|---|---|---|---|
| BP019988.D | 1 | 3/25/2024 12:00:00 AM | 3/25/2024 12:00:00 AM | PB159760 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1719-03-5 | Chrysene-d12 | 479262 | 21.533 | | | | |
| 1520-96-3 | Perylene-d12 | 533407 | 24.804 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000057-10-3 | n-Hexadecanoic acid | 3.6 | J | | | 18.016 | |
| 000057-11-4 | Octadecanoic acid | 2.3 | J | | | 19.363 | |
| | (DEL) Alkane: Cyclic21.221 | 2.6 | J | | | 21.221 | |
| E966796 | Total Alkanes | 2.6 | | | | 99 | ug/L |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **MDL-WATER-QT1-2024-01** | | | | | | | |
| P1601-01 | MDL-WATER-QT1-2024 Water | Total Alkanes | * | 0.000 | | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Total Alkanes | * | 0.000 | | 1.1 | 5 | ug/L |
| | | **Total Tics :** | | **0.00** | | | | |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,1-Biphenyl | | 4.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,2,3,4-Tetrachlorobenzene | | 4.600 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,2,4,5-Tetrachlorobenzene | | 4.700 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,4-Dioxane | | 1.200 | J | 0.35 | 2 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1-Methylnaphthalene | | 5.200 | | 0.91 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,2-oxybis(1-Chloropropane) | | 5.200 | J | 1.9 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,3,4,6-Tetrachlorophenol | | 4.600 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4,5-Trichlorophenol | | 4.600 | J | 1.6 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4,6-Trichlorophenol | | 4.500 | J | 2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dichlorophenol | | 4.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dimethylphenol | | 3.500 | J | 0.69 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dinitrophenol | | 4.600 | J | 1.8 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dinitrotoluene | | 4.900 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,6-Dinitrotoluene | | 4.500 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Chloronaphthalene | | 4.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Chlorophenol | | 4.900 | J | 0.91 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Methylnaphthalene | | 5.000 | | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Methylphenol | | 4.700 | J | 1.5 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Nitroaniline | | 4.700 | J | 1.8 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Nitrophenol | | 4.900 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 3,3-Dichlorobenzidine | | 4.400 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 3-Nitroaniline | | 4.500 | J | 1.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4,6-Dinitro-2-methylphenol | | 4.900 | J | 2.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Bromophenyl-phenylether | | 4.900 | J | 0.95 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chloro-3-methylphenol | | 4.700 | J | 1.6 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chloroaniline | | 4.800 | J | 0.94 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chlorophenyl-phenylether | | 4.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Methylphenol | | 4.800 | J | 1.7 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Nitroaniline | | 4.100 | J | 0.83 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Nitrophenol | | 4.200 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acenaphthene | | 4.900 | J | 0.96 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acenaphthylene | | 5.000 | | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acetophenone | | 5.200 | J | 1.5 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Anthracene | | 4.500 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Atrazine | | 4.900 | J | 1.8 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzaldehyde | | 6.700 | J | 1.1 | 10 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(a)anthracene | 4.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(a)pyrene | 4.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(b)fluoranthene | 4.800 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(g,h,i)perylene | 4.800 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(k)fluoranthene | 4.800 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-Chloroethoxy)methane | 5.000 | | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-Chloroethyl)ether | 5.100 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-ethylhexyl)phthalate | 4.500 | J | 3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Butylbenzylphthalate | 4.400 | J | 2.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Caprolactam | 4.900 | J | 2.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Carbazole | 4.400 | J | 1.1 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Chrysene | 4.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Di-n-butylphthalate | 4.600 | J | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Di-n-octyl phthalate | 4.900 | J | 2.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dibenzo(a,h)anthracene | 4.500 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dibenzofuran | 4.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Diethylphthalate | 4.800 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dimethylphthalate | 4.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Fluoranthene | 4.800 | J | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Fluorene | 5.000 | | 0.94 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorobenzene | 4.700 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorobutadiene | 4.800 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorocyclopentadiene | 3.200 | J | 3.1 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachloroethane | 4.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Indeno(1,2,3-cd)pyrene | 4.700 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Isophorone | 4.900 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | N-Nitroso-di-n-propylamine | 5.300 | | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | N-Nitrosodiphenylamine | 4.900 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Naphthalene | 4.900 | J | 0.94 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Nitrobenzene | 4.900 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pentachlorobenzene | 5.200 | | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pentachlorophenol | 4.700 | J | 1.9 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Phenanthrene | 4.800 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Phenol | 4.800 | J | 1.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pyrene | 4.900 | J | 1.8 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pyridine | 4.800 | J | 1.7 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,1-Biphenyl | 3.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,2,3,4-Tetrachlorobenzene | 3.500 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,2,4,5-Tetrachlorobenzene | 3.700 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1,4-Dioxane | 1.200 | J | 0.35 | 2 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 1-Methylnaphthalene | 4.100 | J | 0.91 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,2-oxybis(1-Chloropropane) | 4.000 | J | 1.9 | 10 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,3,4,6-Tetrachlorophenol | 3.700 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4,5-Trichlorophenol | 3.400 | J | 1.6 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4,6-Trichlorophenol | 3.500 | J | 2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dichlorophenol | 4.000 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dimethylphenol | 3.100 | J | 0.69 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dinitrophenol | 3.400 | J | 1.8 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,4-Dinitrotoluene | 3.800 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2,6-Dinitrotoluene | 3.700 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Chloronaphthalene | 3.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Chlorophenol | 4.000 | J | 0.91 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Methylnaphthalene | 3.900 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Methylphenol | 3.700 | J | 1.5 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Nitroaniline | 3.400 | J | 1.8 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 2-Nitrophenol | 3.800 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 3,3-Dichlorobenzidine | 3.500 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 3-Nitroaniline | 3.300 | J | 1.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4,6-Dinitro-2-methylphenol | 3.600 | J | 2.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Bromophenyl-phenylether | 3.600 | J | 0.95 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chloro-3-methylphenol | 3.700 | J | 1.6 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chloroaniline | 3.800 | J | 0.94 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Chlorophenyl-phenylether | 4.100 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Methylphenol | 3.800 | J | 1.7 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Nitroaniline | 3.800 | J | 0.83 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | 4-Nitrophenol | 3.600 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acenaphthene | 3.800 | J | 0.96 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acenaphthylene | 3.900 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Acetophenone | 4.000 | J | 1.5 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Anthracene | 3.700 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Atrazine | 4.000 | J | 1.8 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzaldehyde | 5.000 | J | 1.1 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(a)anthracene | 3.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(a)pyrene | 3.800 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(b)fluoranthene | 3.700 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(g,h,i)perylene | 3.700 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Benzo(k)fluoranthene | 3.800 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-Chloroethoxy)methane | 3.800 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-Chloroethyl)ether | 4.000 | J | 1.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Bis(2-ethylhexyl)phthalate | 3.700 | J | 3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Butylbenzylphthalate | 3.600 | J | 2.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Caprolactam | 4.300 | J | 2.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Carbazole | 3.600 | J | 1.1 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Chrysene | 3.900 | J | 1.1 | 5 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| P1601-01 | MDL-WATER-QT1-2024 Water | Di-n-butylphthalate | | 3.900 | J | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Di-n-octyl phthalate | | 3.900 | J | 2.4 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dibenzo(a,h)anthracene | | 3.700 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dibenzofuran | | 4.000 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Diethylphthalate | | 4.000 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Dimethylphthalate | | 4.000 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Fluoranthene | | 3.500 | J | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Fluorene | | 4.000 | J | 0.94 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorobenzene | | 3.700 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorobutadiene | | 4.100 | J | 1.5 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachlorocyclopentadiene | | 3.900 | J | 3.1 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Hexachloroethane | | 4.000 | J | 1.1 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Indeno(1,2,3-cd)pyrene | | 3.700 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Isophorone | | 3.900 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | N-Nitroso-di-n-propylamine | | 3.800 | J | 1.9 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | N-Nitrosodiphenylamine | | 3.700 | J | 1.3 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Naphthalene | | 4.000 | J | 0.94 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Nitrobenzene | | 4.000 | J | 1.4 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pentachlorobenzene | | 3.800 | J | 1.7 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pentachlorophenol | | 3.500 | J | 1.9 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Phenanthrene | | 3.800 | J | 1.2 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Phenol | | 3.800 | J | 1.6 | 10 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pyrene | | 3.600 | J | 1.8 | 5 | ug/L |
| P1601-01 | MDL-WATER-QT1-2024 Water | Pyridine | | 3.900 | J | 1.7 | 10 | ug/L |
| | | **Total Svoc :** | | **610.70** | | | | |
| | | **Total Concentration:** | | **610.70** | | | | |
| **Client ID :** | **MDL-SOIL-QT1-2024-01** | | | | | | | |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | Total Alkanes | * | 0.000 | | 24 | 170 | ug/Kg |
| | | **Total Tics :** | | **0.00** | | | | |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 1,1-Biphenyl | | 140.000 | J | 24 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 1,2,3,4-Tetrachlorobenzene | | 130.000 | J | 50 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 1,2,4,5-Tetrachlorobenzene | | 140.000 | J | 24 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 1,4-Dioxane | | 38.000 | J | 11 | 66 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 1-Methylnaphthalene | | 150.000 | J | 33 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,2-oxybis(1-Chloropropane) | | 150.000 | J | 60 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,3,4,6-Tetrachlorophenol | | 140.000 | J | 33 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4,5-Trichlorophenol | | 130.000 | J | 39 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4,6-Trichlorophenol | | 130.000 | J | 49 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4-Dichlorophenol | | 140.000 | J | 16 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4-Dimethylphenol | | 110.000 | J | 25 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4-Dinitrophenol | | 130.000 | J | 48 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 Solid | 2,4-Dinitrotoluene | | 140.000 | J | 43 | 170 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2,6-Dinitrotoluene | 130.000 | J | 44 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Chloronaphthalene | 140.000 | J | 26 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Chlorophenol | 150.000 | J | 23 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Methylnaphthalene | 150.000 | J | 23 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Methylphenol | 140.000 | J | 39 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Nitroaniline | 130.000 | J | 41 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 2-Nitrophenol | 140.000 | J | 31 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 3,3-Dichlorobenzidine | 130.000 | J | 48 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 3-Nitroaniline | 120.000 | J | 44 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4,6-Dinitro-2-methylphenol | 140.000 | J | 77 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Bromophenyl-phenylether | 140.000 | J | 29 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Chloro-3-methylphenol | 140.000 | J | 49 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Chloroaniline | 140.000 | J | 24 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Chlorophenyl-phenylether | 140.000 | J | 20 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Methylphenol | 140.000 | J | 37 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Nitroaniline | 130.000 | J | 31 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | 4-Nitrophenol | 130.000 | J | 44 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Acenaphthene | 140.000 | J | 29 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Acenaphthylene | 140.000 | J | 32 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Acetophenone | 160.000 | J | 40 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Anthracene | 130.000 | J | 25 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Atrazine | 140.000 | J | 71 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzaldehyde | 210.000 | J | 45 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzo(a)anthracene | 140.000 | J | 27 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzo(a)pyrene | 140.000 | J | 32 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzo(b)fluoranthene | 140.000 | J | 33 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzo(g,h,i)perylene | 140.000 | J | 26 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Benzo(k)fluoranthene | 140.000 | J | 38 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Bis(2-Chloroethoxy)methane | 140.000 | J | 43 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Bis(2-Chloroethyl)ether | 150.000 | J | 40 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Bis(2-ethylhexyl)phthalate | 130.000 | J | 96 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Butylbenzylphthalate | 120.000 | J | 84 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Caprolactam | 150.000 | J | 72 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Carbazole | 140.000 | J | 28 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Chrysene | 140.000 | J | 31 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Di-n-butylphthalate | 130.000 | J | 61 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Di-n-octyl phthalate | 130.000 | J | 76 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Dibenzo(a,h)anthracene | 140.000 | J | 28 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Dibenzofuran | 140.000 | J | 32 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Diethylphthalate | 140.000 | J | 30 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Dimethylphthalate | 140.000 | J | 29 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Fluoranthene | 140.000 | J | 54 | 170 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Fluorene | | 140.000 | J | 25 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Hexachlorobenzene | | 140.000 | J | 32 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Hexachlorobutadiene | | 140.000 | J | 44 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Hexachlorocyclopentadiene | | 180.000 | J | 95 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Hexachloroethane | | 150.000 | J | 18 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Indeno(1,2,3-cd)pyrene | | 140.000 | J | 31 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Isophorone | | 140.000 | J | 48 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | N-Nitroso-di-n-propylamine | | 160.000 | J | 51 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | N-Nitrosodiphenylamine | | 140.000 | J | 33 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Naphthalene | | 140.000 | J | 25 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Nitrobenzene | | 150.000 | J | 31 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Pentachlorobenzene | | 150.000 | J | 52 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Pentachlorophenol | | 130.000 | J | 74 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Phenanthrene | | 140.000 | J | 29 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Phenol | | 150.000 | J | 43 | 330 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Pyrene | | 140.000 | J | 49 | 170 | ug/Kg |
| P1601-03 | MDL-SOIL-QT1-2024-0 | Solid | Pyridine | | 150.000 | J | 33 | 330 | ug/Kg |
| | | | **Total Svoc :** | | **10,028.00** | | | | |
| | | | **Total Concentration:** | | **10,028.00** | | | | |
| **Client ID :** | **MDL-MED-SOIL-QT1-2024-01** | | | | | | | | |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Total Alkanes | * | 0.000 | | 660 | 4700 | ug/Kg |
| | | | **Total Tics :** | | | **0.00** | | | |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 1,1-Biphenyl | | 4,600.000 | J | 660 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 1,2,3,4-Tetrachlorobenzene | | 4,200.000 | J | 1600 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 1,2,4,5-Tetrachlorobenzene | | 4,400.000 | J | 600 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 1,4-Dioxane | | 1,100.000 | J | 250 | 1900 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 1-Methylnaphthalene | | 4,700.000 | | 1100 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,2-oxybis(1-Chloropropane) | | 4,700.000 | J | 1900 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,3,4,6-Tetrachlorophenol | | 4,200.000 | J | 920 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4,5-Trichlorophenol | | 3,900.000 | J | 720 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4,6-Trichlorophenol | | 4,200.000 | J | 1100 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4-Dichlorophenol | | 4,300.000 | J | 600 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4-Dimethylphenol | | 3,500.000 | J | 670 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4-Dinitrophenol | | 3,700.000 | J | 2700 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,4-Dinitrotoluene | | 4,600.000 | J | 920 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2,6-Dinitrotoluene | | 4,000.000 | J | 1200 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Chloronaphthalene | | 4,600.000 | J | 660 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Chlorophenol | | 4,500.000 | J | 740 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Methylnaphthalene | | 4,300.000 | J | 600 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Methylphenol | | 4,200.000 | J | 820 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Nitroaniline | | 4,000.000 | J | 1500 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 2-Nitrophenol | | 4,700.000 | | 660 | 4700 | ug/Kg |

CHEMTECH

# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 3,3-Dichlorobenzidine | 3,500.000 | J | 1500 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 3-Nitroaniline | 3,900.000 | J | 800 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4,6-Dinitro-2-methylphenol | 4,100.000 | J | 2100 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Bromophenyl-phenylether | 4,300.000 | J | 670 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Chloro-3-methylphenol | 4,200.000 | J | 1200 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Chloroaniline | 4,400.000 | J | 530 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Chlorophenyl-phenylether | 4,700.000 | | 670 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Methylphenol | 4,400.000 | J | 800 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Nitroaniline | 4,100.000 | J | 730 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | 4-Nitrophenol | 4,500.000 | J | 1000 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Acenaphthene | 4,700.000 | | 770 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Acenaphthylene | 4,700.000 | | 750 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Acetophenone | 4,500.000 | J | 920 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Anthracene | 4,200.000 | J | 640 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Atrazine | 4,400.000 | J | 1900 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzaldehyde | 6,100.000 | J | 1300 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzo(a)anthracene | 4,400.000 | J | 520 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzo(a)pyrene | 4,600.000 | J | 1000 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzo(b)fluoranthene | 4,500.000 | J | 1000 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzo(g,h,i)perylene | 4,600.000 | J | 870 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Benzo(k)fluoranthene | 4,500.000 | J | 730 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Bis(2-Chloroethoxy)methane | 4,400.000 | J | 1200 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Bis(2-Chloroethyl)ether | 4,500.000 | J | 1000 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Bis(2-ethylhexyl)phthalate | 3,700.000 | J | 2500 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Butylbenzylphthalate | 3,800.000 | J | 2300 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Caprolactam | 4,200.000 | J | 2600 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Carbazole | 4,400.000 | J | 580 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Chrysene | 4,500.000 | J | 740 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Di-n-butylphthalate | 4,100.000 | J | 1400 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Di-n-octyl phthalate | 4,000.000 | J | 2500 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Dibenzo(a,h)anthracene | 4,500.000 | J | 730 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Dibenzofuran | 4,700.000 | | 680 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Diethylphthalate | 4,400.000 | J | 770 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Dimethylphthalate | 4,700.000 | | 690 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Fluoranthene | 4,000.000 | J | 1300 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Fluorene | 4,800.000 | | 670 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Hexachlorobenzene | 4,400.000 | J | 760 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Hexachlorobutadiene | 4,500.000 | J | 1300 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Hexachlorocyclopentadiene | 4,500.000 | J | 2500 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Hexachloroethane | 4,700.000 | | 450 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Indeno(1,2,3-cd)pyrene | 4,400.000 | J | 860 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Isophorone | 4,300.000 | J | 1000 | 4700 | ug/Kg |

CHEMTECH

# Hit Summary Sheet
**SW-846**

**SDG No.:** BP032524

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | N-Nitroso-di-n-propylamine | | 4,400.000 | J | 1600 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | N-Nitrosodiphenylamine | | 4,400.000 | J | 690 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Naphthalene | | 4,500.000 | J | 660 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Nitrobenzene | | 4,700.000 | | 890 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Pentachlorobenzene | | 4,500.000 | J | 1500 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Pentachlorophenol | | 4,000.000 | J | 1700 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Phenanthrene | | 4,600.000 | J | 790 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Phenol | | 4,600.000 | J | 1100 | 9400 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Pyrene | | 4,100.000 | J | 1000 | 4700 | ug/Kg |
| P1601-05 | MDL-MED-SOIL-QT1-2 | Solid | Pyridine | | 4,700.000 | J | 1600 | 9400 | ug/Kg |
| | | | **Total Svoc :** | | **311,700.00** | | | | |
| | | | **Total Concentration:** | | **311,700.00** | | | | |
| **Client ID :** | **E0LY0** | | | | | | | | |
| P1813-12 | E0LY0 | Water | n-Hexadecanoic acid | * | 3.800 | J | | | |
| P1813-12 | E0LY0 | Water | Octadecanoic acid | * | 2.900 | J | | | |
| P1813-12 | E0LY0 | Water | Total Alkanes | * | 0.000 | | 1.1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **6.70** | | | | |
| | | | **Total Concentration:** | | **6.70** | | | | |
| **Client ID :** | **E0LY1** | | | | | | | | |
| P1813-13 | E0LY1 | Water | (DEL) Alkane: Cyclic21.221 | * | 2.600 | J | | | |
| P1813-13 | E0LY1 | Water | n-Hexadecanoic acid | * | 3.600 | J | | | |
| P1813-13 | E0LY1 | Water | Octadecanoic acid | * | 2.300 | J | | | |
| P1813-13 | E0LY1 | Water | Total Alkanes | * | 2.600 | | 1.1 | 5 | ug/L |
| | | | **Total Tics :** | | **11.10** | | | | |
| | | | **Total Concentration:** | | **11.10** | | | | |

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 0.535 | 0.528 | 0.522 | 0.504 | 0.515 | | 0.521 | 2.3 |
| Benzaldehyde | | 0.986 | 1.073 | 0.957 | 0.654 | 0.502 | 0.834 | 29.2 |
| Pyridine | | 1.336 | 1.441 | 1.423 | 1.419 | 1.405 | 1.405 | 2.9 |
| Hexachloroethane | 0.568 | 0.594 | 0.614 | 0.604 | 0.584 | | 0.593 | 3.0 |
| Nitrobenzene | 0.408 | 0.425 | 0.454 | 0.451 | 0.446 | | 0.437 | 4.5 |
| Isophorone | 0.764 | 0.817 | 0.846 | 0.862 | 0.780 | | 0.814 | 5.1 |
| 2-Nitrophenol | 0.159 | 0.169 | 0.188 | 0.190 | 0.187 | | 0.179 | 7.8 |
| 2,4-Dimethylphenol | 0.371 | 0.384 | 0.401 | 0.405 | 0.392 | | 0.390 | 3.6 |
| Bis(2-Chloroethoxy)methane | 0.444 | 0.468 | 0.497 | 0.499 | 0.473 | | 0.476 | 4.8 |
| 2,4-Dichlorophenol | 0.290 | 0.300 | 0.316 | 0.320 | 0.307 | | 0.306 | 4.0 |
| Naphthalene | 1.005 | 1.029 | 1.063 | 1.031 | 1.002 | | 1.026 | 2.4 |
| 4-Chloroaniline | | 0.405 | 0.412 | 0.417 | 0.384 | 0.386 | 0.401 | 3.7 |
| Hexachlorobutadiene | 0.237 | 0.235 | 0.249 | 0.242 | 0.245 | | 0.241 | 2.5 |
| Phenol | | 1.670 | 1.773 | 1.844 | 1.772 | 1.758 | 1.764 | 3.5 |
| Caprolactam | | 0.098 | 0.094 | 0.102 | 0.085 | 0.097 | 0.095 | 6.5 |
| 4-Chloro-3-methylphenol | 0.300 | 0.347 | 0.350 | 0.375 | 0.331 | | 0.340 | 8.1 |
| 1-Methylnaphthalene | 0.661 | 0.686 | 0.708 | 0.710 | 0.651 | | 0.683 | 3.9 |
| 2-Methylnaphthalene | 0.668 | 0.697 | 0.695 | 0.706 | 0.650 | | 0.683 | 3.4 |
| Hexachlorocyclopentadiene | | 0.242 | 0.353 | 0.383 | 0.451 | 0.443 | 0.374 | 22.6 |
| 2,4,6-Trichlorophenol | 0.371 | 0.384 | 0.423 | 0.426 | 0.427 | | 0.406 | 6.5 |
| 2,4,5-Trichlorophenol | 0.365 | 0.391 | 0.450 | 0.447 | 0.449 | | 0.420 | 9.5 |
| 1,1-Biphenyl | 1.425 | 1.391 | 1.523 | 1.448 | 1.455 | | 1.448 | 3.4 |
| 2-Chloronaphthalene | 1.165 | 1.123 | 1.207 | 1.167 | 1.179 | | 1.168 | 2.6 |
| 2-Nitroaniline | 0.319 | 0.351 | 0.392 | 0.396 | 0.382 | | 0.368 | 8.9 |
| Bis(2-Chloroethyl)ether | | 1.406 | 1.442 | 1.515 | 1.406 | 1.371 | 1.428 | 3.8 |
| Dimethylphthalate | 1.351 | 1.482 | 1.475 | 1.432 | 1.336 | | 1.415 | 4.8 |
| 2,6-Dinitrotoluene | 0.260 | 0.284 | 0.296 | 0.307 | 0.290 | | 0.287 | 6.1 |
| Acenaphthylene | 1.794 | 1.797 | 1.918 | 1.858 | 1.793 | | 1.832 | 3.0 |
| 3-Nitroaniline | | 0.258 | 0.289 | 0.276 | 0.247 | 0.253 | 0.265 | 6.5 |
| Acenaphthene | 1.214 | 1.208 | 1.267 | 1.223 | 1.173 | | 1.217 | 2.8 |
| 2,4-Dinitrophenol | | 0.123 | 0.150 | 0.175 | 0.173 | 0.197 | 0.164 | 17.2 |
| 4-Nitrophenol | | 0.174 | 0.204 | 0.207 | 0.204 | 0.222 | 0.202 | 8.7 |
| Dibenzofuran | 1.648 | 1.676 | 1.724 | 1.648 | 1.568 | | 1.653 | 3.4 |
| 2,4-Dinitrotoluene | 0.347 | 0.408 | 0.415 | 0.406 | 0.388 | | 0.393 | 7.0 |
| Diethylphthalate | 1.342 | 1.489 | 1.471 | 1.416 | 1.300 | | 1.404 | 5.8 |
| 2-Chlorophenol | 1.189 | 1.269 | 1.319 | 1.328 | 1.278 | | 1.277 | 4.3 |

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.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Fluorene | 1.337 | 1.412 | 1.419 | 1.336 | 1.236 | | 1.348 | 5.5 |
| 4-Chlorophenyl-phenylether | 0.725 | 0.733 | 0.746 | 0.727 | 0.678 | | 0.722 | 3.6 |
| 4-Nitroaniline | | 0.245 | 0.253 | 0.232 | 0.198 | 0.202 | 0.226 | 11.1 |
| 4,6-Dinitro-2-methylphenol | | 0.109 | 0.125 | 0.131 | 0.134 | 0.137 | 0.127 | 8.7 |
| N-Nitrosodiphenylamine | 0.525 | 0.539 | 0.568 | 0.577 | 0.552 | | 0.552 | 3.8 |
| 1,2,4,5-Tetrachlorobenzene | 0.630 | 0.619 | 0.696 | 0.664 | 0.696 | | 0.661 | 5.4 |
| 4-Bromophenyl-phenylether | 0.201 | 0.210 | 0.220 | 0.230 | 0.225 | | 0.217 | 5.4 |
| Hexachlorobenzene | 0.232 | 0.236 | 0.245 | 0.249 | 0.243 | | 0.241 | 2.8 |
| Atrazine | | 0.216 | 0.218 | 0.213 | 0.210 | 0.201 | 0.212 | 3.1 |
| Pentachlorophenol | | 0.122 | 0.137 | 0.146 | 0.149 | 0.152 | 0.141 | 8.6 |
| 2-Methylphenol | | 1.182 | 1.283 | 1.383 | 1.258 | 1.251 | 1.271 | 5.7 |
| Phenanthrene | 1.020 | 1.035 | 1.073 | 1.033 | 1.009 | | 1.034 | 2.4 |
| Pentachlorobenzene | 0.293 | 0.277 | 0.304 | 0.319 | 0.318 | | 0.302 | 5.8 |
| Anthracene | 1.018 | 1.066 | 1.082 | 1.052 | 1.031 | | 1.050 | 2.4 |
| 1,2,3,4-Tetrachlorobenzene | 0.310 | 0.290 | 0.327 | 0.339 | 0.364 | | 0.326 | 8.6 |
| Carbazole | | 0.930 | 0.943 | 0.881 | 0.880 | 0.854 | 0.898 | 4.2 |
| Di-n-butylphthalate | 0.983 | 1.205 | 1.231 | 1.123 | 1.131 | 1.053 | 1.121 | 8.2 |
| Fluoranthene | 1.314 | 1.275 | 1.362 | 1.642 | 1.299 | | 1.378 | 10.9 |
| Pyrene | 1.362 | 1.349 | 1.436 | 1.660 | 1.355 | | 1.432 | 9.2 |
| Butylbenzylphthalate | 0.517 | 0.573 | 0.618 | 0.640 | 0.560 | | 0.582 | 8.3 |
| 3,3-Dichlorobenzidine | | 0.456 | 0.478 | 0.421 | 0.408 | 0.365 | 0.425 | 10.3 |
| 2,2-oxybis(1-Chloropropane) | | 1.973 | 1.998 | 2.105 | 1.912 | 1.832 | 1.964 | 5.2 |
| Benzo(a)anthracene | 1.339 | 1.355 | 1.422 | 1.421 | 1.383 | | 1.384 | 2.7 |
| Chrysene | 1.238 | 1.277 | 1.313 | 1.318 | 1.288 | | 1.287 | 2.5 |
| Bis(2-ethylhexyl)phthalate | 0.757 | 0.874 | 0.910 | 0.884 | 0.826 | | 0.850 | 7.1 |
| Di-n-octyl phthalate | | 1.336 | 1.355 | 1.355 | 1.200 | 1.097 | 1.268 | 9.1 |
| Benzo(b)fluoranthene | 1.121 | 1.172 | 1.215 | 1.193 | 1.161 | | 1.173 | 3.0 |
| Benzo(k)fluoranthene | 1.142 | 1.194 | 1.218 | 1.212 | 1.193 | | 1.192 | 2.5 |
| Benzo(a)pyrene | 1.093 | 1.126 | 1.167 | 1.149 | 1.136 | | 1.134 | 2.4 |
| Indeno(1,2,3-cd)pyrene | 1.377 | 1.379 | 1.473 | 1.455 | 1.459 | | 1.429 | 3.3 |
| Dibenzo(a,h)anthracene | 1.113 | 1.079 | 1.236 | 1.200 | 1.182 | | 1.162 | 5.5 |
| Benzo(g,h,i)perylene | 1.118 | 1.101 | 1.188 | 1.169 | 1.194 | | 1.154 | 3.6 |
| Acetophenone | | 2.095 | 2.140 | 2.298 | 2.001 | 1.991 | 2.105 | 5.9 |
| 2,3,4,6-Tetrachlorophenol | 0.333 | 0.367 | 0.377 | 0.369 | 0.356 | | 0.360 | 4.8 |
| 1,4-Dioxane-d8 | 0.411 | 0.481 | 0.487 | 0.453 | 0.451 | | 0.456 | 6.6 |
| Pyridine-d5 | | 1.307 | 1.400 | 1.386 | 1.401 | 1.398 | 1.378 | 2.9 |

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.: BP032224 SAS No.: BP032224 SDG No.: BP032224

Instrument ID: Calibration Date(s): 3/22/2024

Calibration Time(s): 10:44

LAB FILE ID: RRFAL1 = BP019952.D RRFAL2 = BP019953.D RRFAL3 = BP019954.D
RRFAL4 = BP019955.D RRFAL5 = BP019956.D RRFAL6 = BP019957.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Phenol-d5 | | 1.583 | 1.698 | 1.776 | 1.683 | 1.694 | 1.687 | 4.1 |
| Bis-(2-Chloroethyl)ether-d8 | | 1.095 | 1.122 | 1.145 | 1.084 | 1.049 | 1.099 | 3.3 |
| 2-Chlorophenol-d4 | 1.125 | 1.196 | 1.251 | 1.267 | 1.217 | | 1.211 | 4.6 |
| 4-Methylphenol-d8 | | 1.250 | 1.311 | 1.409 | 1.277 | 1.277 | 1.305 | 4.8 |
| Nitrobenzene-d5 | 0.142 | 0.148 | 0.158 | 0.158 | 0.160 | | 0.153 | 5.0 |
| 2-Nitrophenol-d4 | 0.151 | 0.160 | 0.179 | 0.184 | 0.183 | | 0.172 | 8.7 |
| 2,4-Dichlorophenol-d3 | 0.281 | 0.308 | 0.328 | 0.332 | 0.317 | | 0.313 | 6.4 |
| 4-Chloroaniline-d4 | | 0.409 | 0.423 | 0.429 | 0.386 | 0.395 | 0.408 | 4.4 |
| 4-Methylphenol | | 1.305 | 1.379 | 1.489 | 1.333 | 1.336 | 1.368 | 5.3 |
| Dimethylphthalate-d6 | 1.379 | 1.454 | 1.442 | 1.428 | 1.308 | | 1.402 | 4.3 |
| Acenaphthylene-d8 | 1.608 | 1.601 | 1.698 | 1.653 | 1.629 | | 1.638 | 2.4 |
| 4-Nitrophenol-d4 | | 0.190 | 0.226 | 0.227 | 0.221 | 0.238 | 0.220 | 8.1 |
| Fluorene-d10 | 1.168 | 1.241 | 1.248 | 1.198 | 1.118 | | 1.195 | 4.5 |
| 4,6-Dinitro-2-methylphenol- | | 0.101 | 0.117 | 0.123 | 0.127 | 0.130 | 0.120 | 9.6 |
| Anthracene-d10 | 0.837 | 0.900 | 0.923 | 0.896 | 0.871 | | 0.885 | 3.7 |
| Pyrene-d10 | 1.128 | 1.105 | 1.176 | 1.355 | 1.102 | | 1.173 | 9.0 |
| Benzo(a)pyrene-d12 | 0.900 | 0.959 | 0.992 | 0.980 | 0.973 | | 0.961 | 3.7 |
| N-Nitroso-di-n-propylamine | 1.112 | 1.176 | 1.170 | 1.315 | 1.097 | | 1.174 | 7.4 |

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

EPA Sample No.: SSTD020604 Date Analyzed: Mar 25 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 10:14

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 141207 | 7.622 | 547983 | 10.38 | 335616 | 14.26 |
| | UPPER LIMIT | 282414 | 8.122 | 1095966 | 10.881 | 671232 | 14.763 |
| | LOWER LIMIT | 70603.5 | 7.122 | 273991.5 | 9.881 | 167808 | 13.763 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK425 | 108609 | 7.60 | 432697 | 10.35 | 279020 | 14.24 |
| 02 | MDL-WATER-QT1-2024-01 | 142293 | 7.59 | 584980 | 10.36 | 381952 | 14.23 |
| 03 | MDL-SOIL-QT1-2024-01 | 135174 | 7.58 | 570807 | 10.33 | 370979 | 14.23 |
| 04 | MDL-MED-SOIL-QT1-2024-01 | 107651 | 7.59 | 419516 | 10.34 | 254889 | 14.24 |
| 05 | MDL-WATER-QT1-2024-01 | 129404 | 7.59 | 502205 | 10.34 | 328886 | 14.25 |
| 06 | SBLK444 | 136308 | 7.57 | 592085 | 10.33 | 435652 | 14.23 |
| 07 | SBLK446 | 100170 | 7.62 | 408687 | 10.37 | 262088 | 14.25 |
| 08 | SLCS760 | 91641 | 7.62 | 375230 | 10.37 | 247446 | 14.25 |
| 09 | SBLK760 | 111322 | 7.62 | 438148 | 10.36 | 292099 | 14.23 |
| 10 | E0LY0 | 108883 | 7.62 | 474545 | 10.37 | 333695 | 14.23 |
| 11 | E0LY1 | 113511 | 7.62 | 494025 | 10.37 | 331849 | 14.23 |

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

EPA Sample No.: SSTD020762 Date Analyzed: Mar 25 2024 12:00AM

Lab File ID: BP019977.D Time Analyzed: 10:14

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 123391 | 7.617 | 502808 | 10.37 | 327212 | 14.25 |
| | UPPER LIMIT | 246782 | 8.117 | 1005616 | 10.869 | 654424 | 14.746 |
| | LOWER LIMIT | 61695.5 | 7.117 | 251404 | 9.869 | 163606 | 13.746 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK425 | 108609 | 7.60 | 432697 | 10.35 | 279020 | 14.24 |
| 02 | MDL-WATER-QT1-2024-01 | 142293 | 7.59 | 584980 | 10.36 | 381952 | 14.23 |
| 03 | MDL-SOIL-QT1-2024-01 | 135174 | 7.58 | 570807 | 10.33 | 370979 | 14.23 |
| 04 | MDL-MED-SOIL-QT1-2024-01 | 107651 | 7.59 | 419516 | 10.34 | 254889 | 14.24 |
| 05 | MDL-WATER-QT1-2024-01 | 129404 | 7.59 | 502205 | 10.34 | 328886 | 14.25 |
| 06 | SBLK444 | 136308 | 7.57 | 592085 | 10.33 | 435652 | 14.23 |
| 07 | SBLK446 | 100170 | 7.62 | 408687 | 10.37 | 262088 | 14.25 |
| 08 | SLCS760 | 91641 | 7.62 | 375230 | 10.37 | 247446 | 14.25 |
| 09 | SBLK760 | 111322 | 7.62 | 438148 | 10.36 | 292099 | 14.23 |
| 10 | E0LY0 | 108883 | 7.62 | 474545 | 10.37 | 333695 | 14.23 |
| 11 | E0LY1 | 113511 | 7.62 | 494025 | 10.37 | 331849 | 14.23 |

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

EPA Sample No.: SSTD020604 Date Analyzed: Mar 25 2024 12:00AM

Lab File ID: BP019954.D Time Analyzed: 10:14

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 692729 | 17.092 | 633754 | 21.551 | 728804 | 24.862 |
| | UPPER LIMIT | 1385458 | 17.592 | 1267508 | 22.051 | 1457608 | 25.362 |
| | LOWER LIMIT | 346364.5 | 16.592 | 316877 | 21.051 | 364402 | 24.362 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK425 | 588862 | 17.06 | 511849 | 21.54 | 564326 | 24.83 |
| 02 | MDL-WATER-QT1-2024-01 | 772215 | 17.07 | 634735 | 21.53 | 677040 | 24.83 |
| 03 | MDL-SOIL-QT1-2024-01 | 760637 | 17.08 | 639639 | 21.53 | 702670 | 24.83 |
| 04 | MDL-MED-SOIL-QT1-2024-01 | 544459 | 17.07 | 528074 | 21.54 | 588737 | 24.83 |
| 05 | MDL-WATER-QT1-2024-01 | 724555 | 17.08 | 721336 | 21.55 | 825081 | 24.85 |
| 06 | SBLK444 | 939817 | 17.07 | 749528 | 21.56 | 674516 | 24.86 |
| 07 | SBLK446 | 531233 | 17.06 | 456543 | 21.55 | 513750 | 24.83 |
| 08 | SLCS760 | 521327 | 17.06 | 494933 | 21.54 | 531061 | 24.82 |
| 09 | SBLK760 | 647862 | 17.07 | 667351 | 21.54 | 755415 | 24.82 |
| 10 | E0LY0 | 694630 | 17.06 | 496208 | 21.53 | 467252 | 24.80 |
| 11 | E0LY1 | 644762 | 17.06 | 479262 | 21.53 | 533407 | 24.80 |

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

EPA Sample No.: SSTD020762 Date Analyzed: Mar 25 2024 12:00AM

Lab File ID: BP019977.D Time Analyzed: 10:14

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 628353 | 17.075 | 573974 | 21.545 | 666601 | 24.833 |
| | UPPER LIMIT | 1256706 | 17.575 | 1147948 | 22.045 | 1333202 | 25.333 |
| | LOWER LIMIT | 314176.5 | 16.575 | 286987 | 21.045 | 333300.5 | 24.333 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK425 | 588862 | 17.06 | 511849 | 21.54 | 564326 | 24.83 |
| 02 | MDL-WATER-QT1-2024-01 | 772215 | 17.07 | 634735 | 21.53 | 677040 | 24.83 |
| 03 | MDL-SOIL-QT1-2024-01 | 760637 | 17.08 | 639639 | 21.53 | 702670 | 24.83 |
| 04 | MDL-MED-SOIL-QT1-2024-01 | 544459 | 17.07 | 528074 | 21.54 | 588737 | 24.83 |
| 05 | MDL-WATER-QT1-2024-01 | 724555 | 17.08 | 721336 | 21.55 | 825081 | 24.85 |
| 06 | SBLK444 | 939817 | 17.07 | 749528 | 21.56 | 674516 | 24.86 |
| 07 | SBLK446 | 531233 | 17.06 | 456543 | 21.55 | 513750 | 24.83 |
| 08 | SLCS760 | 521327 | 17.06 | 494933 | 21.54 | 531061 | 24.82 |
| 09 | SBLK760 | 647862 | 17.07 | 667351 | 21.54 | 755415 | 24.82 |
| 10 | E0LY0 | 694630 | 17.06 | 496208 | 21.53 | 467252 | 24.80 |
| 11 | E0LY1 | 644762 | 17.06 | 479262 | 21.53 | 533407 | 24.80 |

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.

CHEMTECH

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

**SDG No.:** BP032524

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB159760BS | 1,4-Dioxane | 16 | 14 | ug/L | 88 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Pyridine | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Phenol | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | Acetophenone | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | Isophorone | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | Naphthalene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Caprolactam | 40 | 44 | ug/L | 110 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 41 | ug/L | 103 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 32 | ug/L | 80 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 41 | ug/L | 103 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 40 | ug/L | 100 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 44 | ug/L | 110 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 42 | ug/L | 105 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 40 | ug/L | 100 | | | | 0 | 0 | |
| | Fluorene | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 43 | ug/L | 108 | | | | 0 | 0 | |
| | 4,6-Dinitro-2-methylphenol | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |

CHEMTECH

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
**SW-846**

**SDG No.:** BP032524

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB159760BS | 1,2,4,5-Tetrachlorobenzene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | Atrazine | 40 | 8.3 | ug/L | 21 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 35 | ug/L | 88 | | | | 0 | 0 | |
| | Anthracene | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 34 | ug/L | 85 | | | | 0 | 0 | |
| | Carbazole | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Pyrene | 40 | 37 | ug/L | 93 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 2.4 | ug/L | 6 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 39 | ug/L | 98 | | | | 0 | 0 | |
| | Chrysene | 40 | 40 | ug/L | 100 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 36 | ug/L | 90 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 40 | ug/L | 100 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 43 | ug/L | 108 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 42 | ug/L | 105 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 42 | ug/L | 105 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 42 | ug/L | 105 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 43 | ug/L | 108 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 42 | ug/L | 105 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 38 | ug/L | 95 | | | | 0 | 0 | |

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK425

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

Lab File ID: BP019978.D Lab Sample ID: PB159425BL

Instrument ID: BNA_P Date Extracted: 03/04/2024

Matrix: (soil/water) Water Date Analyzed: 03/25/2024

Level: (low/med) LOW Time Analyzed: 10:14

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| MDL-WATER-QT1-2024-01 | P1601-01 | BP019979.D | 03/25/2024 |
| MDL-WATER-QT1-2024-01 | P1601-01 | BP019982.D | 03/25/2024 |

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK444

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

Lab File ID: BP019983.D Lab Sample ID: PB159444BL

Instrument ID: BNA_P Date Extracted: 03/05/2024

Matrix: (soil/water) Solid Date Analyzed: 03/25/2024

Level: (low/med) LOW Time Analyzed: 15:59

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| MDL-SOIL-QT1-2024-01 | P1601-03 | BP019980.D | 03/25/2024 |

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

Lab File ID: BP019984.D Lab Sample ID: PB159446BL

Instrument ID: BNA_P Date Extracted: 03/05/2024

Matrix: (soil/water) Solid Date Analyzed: 03/25/2024

Level: (low/med) MED Time Analyzed: 16:42

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| MDL-MED-SOIL-QT1-2024-01 | P1601-05 | BP019981.D | 03/25/2024 |

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK760

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP032524 SAS No.: BP032524 SDG NO.: BP032524

Lab File ID: BP019986.D Lab Sample ID: PB159760BL

Instrument ID: BNA_P Date Extracted: 03/25/2024

Matrix: (soil/water) Water Date Analyzed: 03/25/2024

Level: (low/med) LOW Time Analyzed: 18:09

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| E0LY0 | P1813-12 | BP019987.D | 03/25/2024 |
| E0LY1 | P1813-13 | BP019988.D | 03/25/2024 |
| PB159760BS | PB159760BS | BP019985.D | 03/25/2024 |

COMMENTS:

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P1601-01 | MDL-WATER-QT1 | BP019979.D | 1,4-Dioxane-d8 | 8 | 5.63 | 70 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 25.11 | 63 | | 20 | 120 |
| | | BP019982.D | 1,4-Dioxane-d8 | 8 | 4.83 | 60 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 21.18 | 53 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 20.68 | 52 | | 10 | 130 |
| | | BP019979.D | Phenol-d5 | 40 | 24.49 | 61 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.08 | 63 | | 25 | 120 |
| | | BP019982.D | Bis(2-Chloroethyl)ether-d8 | 40 | 20.65 | 52 | | 25 | 120 |
| | | BP019979.D | 2-Chlorophenol-d4 | 40 | 24.57 | 61 | | 20 | 130 |
| | | BP019982.D | 2-Chlorophenol-d4 | 40 | 20.85 | 52 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 19.90 | 50 | | 25 | 125 |
| | | BP019979.D | 4-Methylphenol-d8 | 40 | 23.90 | 60 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 24.32 | 61 | | 20 | 125 |
| | | BP019982.D | Nitrobenzene-d5 | 40 | 21.25 | 53 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 20.76 | 52 | | 20 | 130 |
| | | BP019979.D | 2-Nitrophenol-d4 | 40 | 24.31 | 61 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.38 | 58 | | 20 | 120 |
| | | BP019982.D | 2,4-Dichlorophenol-d3 | 40 | 19.38 | 48 | | 20 | 120 |
| | | BP019979.D | 4-Chloroaniline-d4 | 40 | 23.95 | 60 | | 1 | 146 |
| | | BP019982.D | 4-Chloroaniline-d4 | 40 | 19.87 | 50 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 20.75 | 52 | | 25 | 130 |
| | | BP019979.D | Dimethylphthalate-d6 | 40 | 24.44 | 61 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 24.43 | 61 | | 10 | 130 |
| | | BP019982.D | Acenaphthylene-d8 | 40 | 20.41 | 51 | | 10 | 130 |
| | | BP019979.D | 4-Nitrophenol-d4 | 40 | 20.69 | 52 | | 10 | 150 |
| | | BP019982.D | 4-Nitrophenol-d4 | 40 | 17.44 | 44 | | 10 | 150 |
| | | BP019979.D | Fluorene-d10 | 40 | 24.34 | 61 | | 25 | 125 |
| | | BP019982.D | Fluorene-d10 | 40 | 21.10 | 53 | | 25 | 125 |
| | | BP019979.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.47 | 51 | | 10 | 130 |
| | | BP019982.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 17.21 | 43 | | 10 | 130 |
| | | BP019979.D | Anthracene-d10 | 40 | 22.65 | 57 | | 25 | 130 |
| | | BP019982.D | Anthracene-d10 | 40 | 19.07 | 48 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 18.54 | 46 | | 15 | 130 |
| | | BP019979.D | Pyrene-d10 | 40 | 24.20 | 61 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 24.23 | 61 | | 20 | 130 |
| | | BP019982.D | Benzo(a)pyrene-d12 | 40 | 20.64 | 52 | | 20 | 130 |
| PB159425BL | PB159425BL | BP019978.D | Pyridine-d5 | 40 | 33.29 | 83 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 7.18 | 90 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 33.49 | 84 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 33.97 | 85 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 33.43 | 84 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 33.14 | 83 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 34.00 | 85 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 34.71 | 87 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 29.48 | 74 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 34.59 | 86 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 34.80 | 87 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 34.48 | 86 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 28.55 | 71 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 34.45 | 86 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.82 | 70 | | 10 | 130 |

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB159425BL | PB159425BL | BP019978.D | Anthracene-d10 | 40 | 33.84 | 85 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 34.09 | 85 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 34.95 | 87 | | 20 | 130 |

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P1601-03 | MDL-SOIL-QT1-2( | BP019980.D | 1,4-Dioxane-d8 | 8 | 5.07 | 63 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 23.94 | 60 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.00 | 57 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.34 | 58 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 23.19 | 58 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 23.04 | 58 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 22.33 | 56 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 22.23 | 56 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.57 | 54 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 22.41 | 56 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.44 | 56 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 22.43 | 56 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 18.77 | 47 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.34 | 56 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.82 | 47 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 21.07 | 53 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 21.67 | 54 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.49 | 56 | | 10 | 140 |
| PB159444BL | PB159444BL | BP019983.D | 1,4-Dioxane-d8 | 8 | 7.15 | 89 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 34.81 | 87 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 34.08 | 85 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 37.36 | 93 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 34.58 | 86 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 36.42 | 91 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 34.46 | 86 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 35.87 | 90 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 32.58 | 81 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 36.67 | 92 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 38.27 | 96 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 34.35 | 86 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 34.27 | 86 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 36.51 | 91 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 34.39 | 86 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.99 | 92 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 39.42 | 99 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 38.78 | 97 | | 10 | 140 |

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P1601-05 | MDL-MED-SOIL-( | BP019981.D | 1,4-Dioxane-d8 | 8 | 5.59 | 70 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 26.73 | 67 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 25.48 | 64 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.11 | 63 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 25.37 | 63 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 24.59 | 61 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 25.01 | 63 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 24.96 | 62 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.54 | 59 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 24.31 | 61 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 25.47 | 64 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 25.91 | 65 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 21.29 | 53 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 25.97 | 65 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.52 | 51 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.25 | 58 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.68 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 25.65 | 64 | | 10 | 140 |
| PB159446BL | PB159446BL | BP019984.D | 1,4-Dioxane-d8 | 8 | 7.75 | 97 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 37.80 | 95 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 38.45 | 96 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 40.15 | 100 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 38.83 | 97 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 39.66 | 99 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 39.95 | 100 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 40.39 | 101 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 34.50 | 86 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 40.51 | 101 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 41.00 | 103 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 40.17 | 100 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 34.75 | 87 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 40.78 | 102 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 35.26 | 88 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 40.94 | 102 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 40.71 | 102 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 43.96 | 110 | | 10 | 140 |

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P1813-12 | E0LY0 | BP019987.D | 1,4-Dioxane-d8 | 8 | 6.17 | 77 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.23 | 13 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 8.69 | 22 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 45.00 | 112 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 32.21 | 81 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 21.71 | 54 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 42.48 | 106 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 40.30 | 101 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 37.04 | 93 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 12.14 | 30 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 47.46 | 119 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 43.44 | 109 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.66 | 19 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 45.39 | 113 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 40.43 | 101 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 47.42 | 119 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 55.57 | 139 | * | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 49.69 | 124 | | 20 | 130 |
| P1813-13 | E0LY1 | BP019988.D | 1,4-Dioxane-d8 | 8 | 5.19 | 65 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 4.03 | 10 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.49 | 19 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 40.10 | 100 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 27.99 | 70 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 19.03 | 48 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 37.93 | 95 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 36.05 | 90 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 31.93 | 80 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 19.54 | 49 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 43.75 | 109 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 40.58 | 101 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.96 | 15 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 42.76 | 107 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 36.07 | 90 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 44.96 | 112 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 46.95 | 117 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 47.34 | 118 | | 20 | 130 |
| PB159760BL | PB159760BL | BP019986.D | Pyridine-d5 | 40 | 9.21 | 23 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 6.36 | 79 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 29.17 | 73 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 30.16 | 75 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 29.30 | 73 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 28.97 | 72 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 29.53 | 74 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 29.84 | 75 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.13 | 63 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 3.78 | 9 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 32.77 | 82 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 29.54 | 74 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 28.81 | 72 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 31.60 | 79 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 26.51 | 66 | | 10 | 130 |

CHEMTECH

## Surrogate Summary

**SW-846**

**SDG No.:** BP032524

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB159760BL | PB159760BL | BP019986.D | Anthracene-d10 | 40 | 31.21 | 78 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.78 | 72 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 32.08 | 80 | | 20 | 130 |
| PB159760BS | PB159760BS | BP019985.D | Pyridine-d5 | 40 | 22.24 | 56 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 7.19 | 90 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 37.37 | 93 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 36.50 | 91 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 36.74 | 92 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 37.05 | 93 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 35.45 | 89 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 36.35 | 91 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 36.97 | 92 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 13.84 | 35 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 37.09 | 93 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 35.85 | 90 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 40.35 | 101 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 37.32 | 93 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 37.56 | 94 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 36.80 | 92 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 35.59 | 89 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 37.32 | 93 | | 20 | 130 |

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP032524

Lab Code: CHEM SAS No.: BP032524 SDG NO.: BP032524

Lab File ID: BP019976.D DFTPP Injection Date: 03/25/2024

Instrument ID: BNA_P DFTPP Injection Time: 08:42

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.5 |
| 68 | Less than 2.0% of mass 69 | 0.6 ( 1.5 ) 1 |
| 69 | Mass 69 relative abundance | 41.6 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.3 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 43.9 |
| 197 | Less than 2.0% of mass 198 | 0.6 |
| 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 | 26.4 |
| 365 | Greater than 1% of mass 198 | 3.4 |
| 441 | Present, but less than mass 443 | 10.4 |
| 442 | Greater than 50% of mass 198 | 66.7 |
| 443 | 15.0 - 24.0% of mass 442 | 12.9 (19.4) 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 |
|---|---|---|---|---|
| SSTD020762 | SSTDCCC020 | BP019977.D | 03/25/2024 | 09:24 |
| SBLK425 | PB159425BL | BP019978.D | 03/25/2024 | 10:14 |
| MDL-WATER-QT1-2024-01 | P1601-01 | BP019979.D | 03/25/2024 | 11:49 |
| MDL-SOIL-QT1-2024-01 | P1601-03 | BP019980.D | 03/25/2024 | 13:00 |
| MDL-MED-SOIL-QT1-2024-01 | P1601-05 | BP019981.D | 03/25/2024 | 13:58 |
| MDL-WATER-QT1-2024-01 | P1601-01 | BP019982.D | 03/25/2024 | 14:52 |
| SBLK444 | PB159444BL | BP019983.D | 03/25/2024 | 15:59 |
| SBLK446 | PB159446BL | BP019984.D | 03/25/2024 | 16:42 |
| SLCS760 | PB159760BS | BP019985.D | 03/25/2024 | 17:25 |
| SBLK760 | PB159760BL | BP019986.D | 03/25/2024 | 18:09 |
| E0LY0 | P1813-12 | BP019987.D | 03/25/2024 | 18:52 |
| E0LY1 | P1813-13 | BP019988.D | 03/25/2024 | 19:35 |
| SSTD020763 | SSTDCCC020EC | BP019989.D | 03/25/2024 | 20:18 |