284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 12 09:08

Lab File ID: BG062902.D Init. Calib. Date(s):

EPA Sample No.: SSTD020496 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.586 | 0.010 | -13.2744 | 40.0 |
| Benzaldehyde | 1.136 | 1.302 | 0.010 | 14.6572 | 40.0 |
| Pyridine | 1.846 | 1.743 | 0.010 | -5.5796 | 40.0 |
| Phenol | 2.165 | 2.278 | 0.080 | 5.2269 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.650 | 0.100 | 12.7323 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.459 | 0.200 | 4.2903 | 20.0 |
| 2-Methylphenol | 1.497 | 1.522 | 0.010 | 1.6345 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.865 | 0.010 | 2.6718 | 40.0 |
| Acetophenone | 2.391 | 2.663 | 0.060 | 11.3574 | 20.0 |
| 4-Methylphenol | 1.639 | 1.693 | 0.010 | 3.3147 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.469 | 0.050 | 5.1853 | 30.0 |
| Hexachloroethane | 0.594 | 0.618 | 0.100 | 4.0424 | 20.0 |
| Nitrobenzene | 0.473 | 0.472 | 0.050 | -0.1603 | 25.0 |
| Isophorone | 0.942 | 0.917 | 0.050 | -2.69 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.187 | 0.050 | -5.8964 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.452 | 0.050 | 1.643 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.485 | 0.050 | -3.1414 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.364 | 0.060 | -1.8341 | 20.0 |
| Naphthalene | 1.111 | 1.126 | 0.200 | 1.4173 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.454 | 0.010 | -0.0755 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.291 | 0.040 | -1.9083 | 30.0 |
| Caprolactam | 0.124 | 0.117 | 0.010 | -5.4169 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.423 | 0.040 | -0.9612 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.777 | 0.100 | -4.0016 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.777 | 0.100 | -2.8499 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.341 | 0.010 | -9.3875 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.413 | 0.090 | -6.4495 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.441 | 0.100 | -4.8695 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.398 | 0.200 | -5.8708 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.123 | 0.300 | -5.9567 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.393 | 0.050 | -2.7556 | 40.0 |
| Dimethylphthalate | 1.522 | 1.426 | 0.300 | -6.3086 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.276 | 0.080 | -5.0019 | 30.0 |
| Acenaphthylene | 1.749 | 1.624 | 0.400 | -7.1521 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.256 | 0.010 | -1.5938 | 40.0 |
| Acenaphthene | 1.270 | 1.147 | 0.200 | -9.7199 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.134 | 0.010 | -22.8348 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.254 | 0.010 | -5.5097 | 40.0 |
| Dibenzofuran | 1.884 | 1.744 | 0.300 | -7.4041 | 20.0 |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 12 09:08

Lab File ID: BG062902.D Init. Calib. Date(s):

EPA Sample No.: SSTD020496 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.405 | 0.070 | -7.3579 | 30.0 |
| Diethylphthalate | 1.693 | 1.468 | 0.300 | -13.286 | 20.0 |
| Fluorene | 1.441 | 1.376 | 0.200 | -4.501 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.765 | 0.100 | -3.8064 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.241 | 0.010 | -7.6787 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.121 | 0.010 | -6.3878 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.529 | 0.050 | -5.7779 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.663 | 0.100 | -6.5213 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.213 | 0.070 | -4.324 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.252 | 0.050 | -1.9423 | 25.0 |
| Atrazine | 0.233 | 0.227 | 0.010 | -2.671 | 25.0 |
| Pentachlorophenol | 0.146 | 0.131 | 0.010 | -10.7886 | 40.0 |
| Phenanthrene | 1.062 | 1.023 | 0.200 | -3.7525 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.307 | 0.050 | -4.7543 | 20.0 |
| Anthracene | 1.097 | 1.062 | 0.200 | -3.1981 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.296 | 0.050 | -3.0231 | 20.0 |
| Carbazole | 0.873 | 0.860 | 0.050 | -1.5534 | 40.0 |
| Di-n-butylphthalate | 1.123 | 1.041 | 0.500 | -7.3433 | 25.0 |
| Fluoranthene | 1.322 | 1.271 | 0.400 | -3.8164 | 25.0 |
| Pyrene | 1.409 | 1.349 | 0.400 | -4.2504 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.456 | 0.100 | -6.8997 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.466 | 0.010 | 3.8849 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.364 | 0.300 | -3.7171 | 30.0 |
| Chrysene | 1.326 | 1.311 | 0.200 | -1.1251 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.662 | 0.200 | -6.4168 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.996 | 0.010 | -5.9349 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.207 | 0.200 | -0.8833 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.137 | 0.200 | -6.3023 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.091 | 0.200 | -4.6542 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.349 | 0.200 | -3.8238 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.075 | 0.200 | -4.1562 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.028 | 0.200 | -4.5513 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.397 | 0.040 | -5.007 | 20.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.580 | 0.010 | -15.1264 | 25.0 |
| Pyridine-d5 | 1.854 | 1.722 | 0.010 | -7.0858 | 40.0 |
| Phenol-d5 | 2.075 | 2.226 | 0.010 | 7.2791 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.237 | 0.050 | 6.516 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.397 | 0.200 | 2.5006 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.601 | 0.010 | 5.3303 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 12 09:08

Lab File ID: BG062902.D Init. Calib. Date(s):

EPA Sample No.: SSTD020496 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.146 | 0.050 | -8.5521 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.180 | 0.050 | -0.238 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.370 | 0.060 | -1.2391 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.474 | 0.010 | 1.4969 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.428 | 0.300 | -3.9698 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.524 | 0.400 | -8.2484 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.220 | 0.010 | -7.7797 | 40.0 |
| Fluorene-d10 | 1.385 | 1.303 | 0.100 | -5.9103 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.111 | 0.010 | -7.7763 | 40.0 |
| Anthracene-d10 | 0.945 | 0.902 | 0.300 | -4.6059 | 20.0 |
| Pyrene-d10 | 1.211 | 1.159 | 0.300 | -4.3352 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 0.994 | 0.010 | -5.7857 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 12 16:28

Lab File ID: BG062911.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.780 | 0.010 | 15.36 | 40.0 |
| Benzaldehyde | 1.136 | 1.241 | 0.010 | 9.2865 | 40.0 |
| Pyridine | 1.846 | 2.070 | 0.010 | 12.1239 | 40.0 |
| Phenol | 2.165 | 2.187 | 0.080 | 0.9972 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.471 | 0.100 | 0.5122 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.365 | 0.200 | -2.3732 | 20.0 |
| 2-Methylphenol | 1.497 | 1.497 | 0.010 | -0.028 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.766 | 0.010 | -2.7513 | 40.0 |
| Acetophenone | 2.391 | 2.622 | 0.060 | 9.6322 | 20.0 |
| 4-Methylphenol | 1.639 | 1.673 | 0.010 | 2.0838 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.425 | 0.050 | 2.046 | 30.0 |
| Hexachloroethane | 0.594 | 0.592 | 0.100 | -0.2871 | 20.0 |
| Nitrobenzene | 0.473 | 0.477 | 0.050 | 0.8249 | 25.0 |
| Isophorone | 0.942 | 0.916 | 0.050 | -2.7852 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.193 | 0.050 | -2.7212 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.431 | 0.050 | -3.0889 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.478 | 0.050 | -4.6078 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.368 | 0.060 | -0.8273 | 20.0 |
| Naphthalene | 1.111 | 1.090 | 0.200 | -1.8757 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.447 | 0.010 | -1.5762 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.315 | 0.040 | 6.3107 | 30.0 |
| Caprolactam | 0.124 | 0.122 | 0.010 | -1.5765 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.436 | 0.040 | 2.1096 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.780 | 0.100 | -3.737 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.797 | 0.100 | -0.3498 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.365 | 0.010 | -2.9089 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.434 | 0.090 | -1.655 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.447 | 0.100 | -3.69 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.395 | 0.200 | -6.082 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.141 | 0.300 | -4.4141 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.404 | 0.050 | 0.1399 | 40.0 |
| Dimethylphthalate | 1.522 | 1.463 | 0.300 | -3.8283 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.283 | 0.080 | -2.5477 | 30.0 |
| Acenaphthylene | 1.749 | 1.634 | 0.400 | -6.5626 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.243 | 0.010 | -6.8318 | 40.0 |
| Acenaphthene | 1.270 | 1.177 | 0.200 | -7.3176 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.166 | 0.010 | -4.3003 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.269 | 0.010 | 0.0266 | 40.0 |
| Dibenzofuran | 1.884 | 1.761 | 0.300 | -6.5278 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 1: 16:28

Lab File ID: BG062911.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.418 | 0.070 | -4.5869 | 30.0 |
| Diethylphthalate | 1.693 | 1.495 | 0.300 | -11.6948 | 20.0 |
| Fluorene | 1.441 | 1.374 | 0.200 | -4.6725 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.778 | 0.100 | -2.2161 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.250 | 0.010 | -4.5151 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.131 | 0.010 | 1.4272 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.548 | 0.050 | -2.4183 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.682 | 0.100 | -3.8066 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.229 | 0.070 | 3.0306 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.273 | 0.050 | 6.189 | 25.0 |
| Atrazine | 0.233 | 0.236 | 0.010 | 1.21 | 25.0 |
| Pentachlorophenol | 0.146 | 0.142 | 0.010 | -3.1598 | 40.0 |
| Phenanthrene | 1.062 | 1.028 | 0.200 | -3.2383 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.326 | 0.050 | 1.2804 | 20.0 |
| Anthracene | 1.097 | 1.048 | 0.200 | -4.5164 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.314 | 0.050 | 2.8057 | 20.0 |
| Carbazole | 0.873 | 0.854 | 0.050 | -2.2121 | 40.0 |
| Di-n-butylphthalate | 1.123 | 1.039 | 0.500 | -7.4956 | 25.0 |
| Fluoranthene | 1.322 | 1.310 | 0.400 | -0.8806 | 25.0 |
| Pyrene | 1.409 | 1.379 | 0.400 | -2.1231 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.474 | 0.100 | -3.321 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.459 | 0.010 | 2.2364 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.359 | 0.300 | -4.1087 | 30.0 |
| Chrysene | 1.326 | 1.314 | 0.200 | -0.9135 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.664 | 0.200 | -6.1275 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.969 | 0.010 | -8.5282 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.174 | 0.200 | -3.5654 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.184 | 0.200 | -2.3791 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.091 | 0.200 | -4.6959 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.359 | 0.200 | -3.1275 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.060 | 0.200 | -5.4766 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.030 | 0.200 | -4.4 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.417 | 0.040 | -0.1154 | 20.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.621 | 0.010 | -9.0606 | 25.0 |
| Pyridine-d5 | 1.854 | 2.023 | 0.010 | 9.1469 | 40.0 |
| Phenol-d5 | 2.075 | 2.094 | 0.010 | 0.9096 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.212 | 0.050 | 4.3692 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.362 | 0.200 | -0.0337 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.553 | 0.010 | 2.1448 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/18/2024 12 16:28

Lab File ID: BG062911.D Init. Calib. Date(s):

EPA Sample No.: SSTD020497 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.152 | 0.050 | -4.3733 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.188 | 0.050 | 3.7277 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.365 | 0.060 | -2.6789 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.466 | 0.010 | -0.0822 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.414 | 0.300 | -4.9116 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.574 | 0.400 | -5.2582 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.213 | 0.010 | -10.7888 | 40.0 |
| Fluorene-d10 | 1.385 | 1.317 | 0.100 | -4.9192 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.117 | 0.010 | -2.898 | 40.0 |
| Anthracene-d10 | 0.945 | 0.917 | 0.300 | -2.9633 | 20.0 |
| Pyrene-d10 | 1.211 | 1.170 | 0.300 | -3.4312 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 1.016 | 0.010 | -3.6829 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 01:41

Lab File ID: BG062924.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.609 | 0.010 | -9.8641 | 40.0 |
| Benzaldehyde | 1.136 | 1.214 | 0.010 | 6.8738 | 40.0 |
| Pyridine | 1.846 | 1.626 | 0.010 | -11.9275 | 40.0 |
| Phenol | 2.165 | 1.912 | 0.080 | -11.6623 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.366 | 0.100 | -6.7081 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.334 | 0.200 | -4.6008 | 20.0 |
| 2-Methylphenol | 1.497 | 1.406 | 0.010 | -6.1047 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.576 | 0.010 | -13.1993 | 40.0 |
| Acetophenone | 2.391 | 2.314 | 0.060 | -3.2275 | 20.0 |
| 4-Methylphenol | 1.639 | 1.495 | 0.010 | -8.7829 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.246 | 0.050 | -10.7505 | 30.0 |
| Hexachloroethane | 0.594 | 0.580 | 0.100 | -2.3316 | 20.0 |
| Nitrobenzene | 0.473 | 0.483 | 0.050 | 2.1041 | 25.0 |
| Isophorone | 0.942 | 0.921 | 0.050 | -2.2314 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.198 | 0.050 | -0.4973 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.448 | 0.050 | 0.6467 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.494 | 0.050 | -1.2633 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.368 | 0.060 | -0.859 | 20.0 |
| Naphthalene | 1.111 | 1.063 | 0.200 | -4.2773 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.444 | 0.010 | -2.2303 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.324 | 0.040 | 9.2716 | 30.0 |
| Caprolactam | 0.124 | 0.120 | 0.010 | -3.2637 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.426 | 0.040 | -0.1261 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.764 | 0.100 | -5.6714 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.768 | 0.100 | -4.0454 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.383 | 0.010 | 1.8638 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.437 | 0.090 | -1.1667 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.453 | 0.100 | -2.4808 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.412 | 0.200 | -4.9481 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.125 | 0.300 | -5.7897 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.412 | 0.050 | 2.1841 | 40.0 |
| Dimethylphthalate | 1.522 | 1.421 | 0.300 | -6.6384 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.274 | 0.080 | -5.4738 | 30.0 |
| Acenaphthylene | 1.749 | 1.622 | 0.400 | -7.2715 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.247 | 0.010 | -5.0588 | 40.0 |
| Acenaphthene | 1.270 | 1.198 | 0.200 | -5.6691 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.181 | 0.010 | 4.3025 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.297 | 0.010 | 10.2651 | 40.0 |
| Dibenzofuran | 1.884 | 1.788 | 0.300 | -5.1027 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 01:41

Lab File ID: BG062924.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.445 | 0.070 | 1.7997 | 30.0 |
| Diethylphthalate | 1.693 | 1.455 | 0.300 | -14.0521 | 20.0 |
| Fluorene | 1.441 | 1.352 | 0.200 | -6.2273 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.803 | 0.100 | 0.9155 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.256 | 0.010 | -1.9671 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.131 | 0.010 | 1.3708 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.539 | 0.050 | -4.0582 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.714 | 0.100 | 0.7349 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.228 | 0.070 | 2.7554 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.273 | 0.050 | 6.3765 | 25.0 |
| Atrazine | 0.233 | 0.241 | 0.010 | 3.4262 | 25.0 |
| Pentachlorophenol | 0.146 | 0.140 | 0.010 | -4.6726 | 40.0 |
| Phenanthrene | 1.062 | 1.027 | 0.200 | -3.3224 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.331 | 0.050 | 2.8194 | 20.0 |
| Anthracene | 1.097 | 1.046 | 0.200 | -4.6871 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.308 | 0.050 | 1.1461 | 20.0 |
| Carbazole | 0.873 | 0.863 | 0.050 | -1.2024 | 40.0 |
| Di-n-butylphthalate | 1.123 | 1.047 | 0.500 | -6.7635 | 25.0 |
| Fluoranthene | 1.322 | 1.215 | 0.400 | -8.0639 | 25.0 |
| Pyrene | 1.409 | 1.283 | 0.400 | -8.9567 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.421 | 0.100 | -14.0185 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.453 | 0.010 | 0.9519 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.312 | 0.300 | -7.4033 | 30.0 |
| Chrysene | 1.326 | 1.228 | 0.200 | -7.4031 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.612 | 0.200 | -13.5274 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.934 | 0.010 | -11.8336 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.200 | 0.200 | -1.4288 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.140 | 0.200 | -6.01 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.087 | 0.200 | -5.0382 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.360 | 0.200 | -3.0054 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.105 | 0.200 | -1.4843 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.044 | 0.200 | -3.0511 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.401 | 0.040 | -3.8807 | 20.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.534 | 0.010 | -21.7691 | 25.0 |
| Pyridine-d5 | 1.854 | 1.620 | 0.010 | -12.6084 | 40.0 |
| Phenol-d5 | 2.075 | 1.862 | 0.010 | -10.2691 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.040 | 0.050 | -10.4501 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.253 | 0.200 | -8.0404 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.370 | 0.010 | -9.8995 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 01:41

Lab File ID: BG062924.D Init. Calib. Date(s):

EPA Sample No.: SSTD020498 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.157 | 0.050 | -1.5642 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.181 | 0.050 | 0.0772 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.367 | 0.060 | -2.2688 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.435 | 0.010 | -6.8716 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.412 | 0.300 | -5.0485 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.590 | 0.400 | -4.2664 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.218 | 0.010 | -8.3548 | 40.0 |
| Fluorene-d10 | 1.385 | 1.344 | 0.100 | -2.9478 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.114 | 0.010 | -5.8925 | 40.0 |
| Anthracene-d10 | 0.945 | 0.901 | 0.300 | -4.6298 | 20.0 |
| Pyrene-d10 | 1.211 | 1.101 | 0.300 | -9.1217 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 1.010 | 0.010 | -4.2211 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 12:12

Lab File ID: BG062939.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.658 | 0.010 | -2.6397 | 40.0 |
| Benzaldehyde | 1.136 | 1.374 | 0.010 | 20.962 | 40.0 |
| Pyridine | 1.846 | 1.926 | 0.010 | 4.3135 | 40.0 |
| Phenol | 2.165 | 2.372 | 0.080 | 9.5863 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.517 | 0.100 | 3.6342 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.490 | 0.200 | 6.5211 | 20.0 |
| 2-Methylphenol | 1.497 | 1.602 | 0.010 | 6.9553 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.782 | 0.010 | -1.8596 | 40.0 |
| Acetophenone | 2.391 | 2.854 | 0.060 | 19.3285 | 20.0 |
| 4-Methylphenol | 1.639 | 1.887 | 0.010 | 15.127 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.573 | 0.050 | 12.6737 | 30.0 |
| Hexachloroethane | 0.594 | 0.669 | 0.100 | 12.6015 | 20.0 |
| Nitrobenzene | 0.473 | 0.498 | 0.050 | 5.2114 | 25.0 |
| Isophorone | 0.942 | 0.906 | 0.050 | -3.7844 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.202 | 0.050 | 1.9808 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.452 | 0.050 | 1.6755 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.477 | 0.050 | -4.787 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.374 | 0.060 | 0.6886 | 20.0 |
| Naphthalene | 1.111 | 1.077 | 0.200 | -3.0153 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.441 | 0.010 | -2.9371 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.332 | 0.040 | 11.8335 | 30.0 |
| Caprolactam | 0.124 | 0.118 | 0.010 | -4.1854 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.430 | 0.040 | 0.7412 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.770 | 0.100 | -4.9809 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.778 | 0.100 | -2.7485 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.442 | 0.010 | 17.6079 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.458 | 0.090 | 3.6034 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.510 | 0.100 | 9.8342 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.472 | 0.200 | -0.9243 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.205 | 0.300 | 0.9142 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.444 | 0.050 | 9.9472 | 40.0 |
| Dimethylphthalate | 1.522 | 1.512 | 0.300 | -0.6591 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.317 | 0.080 | 9.2207 | 30.0 |
| Acenaphthylene | 1.749 | 1.676 | 0.400 | -4.1585 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.263 | 0.010 | 1.1181 | 40.0 |
| Acenaphthene | 1.270 | 1.238 | 0.200 | -2.5583 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.188 | 0.010 | 8.2543 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.300 | 0.010 | 11.54 | 40.0 |
| Dibenzofuran | 1.884 | 1.894 | 0.300 | 0.567 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 12:12

Lab File ID: BG062939.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.453 | 0.070 | 3.5067 | 30.0 |
| Diethylphthalate | 1.693 | 1.516 | 0.300 | -10.4403 | 20.0 |
| Fluorene | 1.441 | 1.398 | 0.200 | -2.9893 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.835 | 0.100 | 4.9728 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.258 | 0.010 | -1.1545 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.127 | 0.010 | -1.6497 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.545 | 0.050 | -2.9741 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.779 | 0.100 | 9.9228 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.244 | 0.070 | 9.5562 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.291 | 0.050 | 13.4542 | 25.0 |
| Atrazine | 0.233 | 0.246 | 0.010 | 5.5848 | 25.0 |
| Pentachlorophenol | 0.146 | 0.139 | 0.010 | -5.1649 | 40.0 |
| Phenanthrene | 1.062 | 1.046 | 0.200 | -1.5411 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.341 | 0.050 | 5.8085 | 20.0 |
| Anthracene | 1.097 | 1.069 | 0.200 | -2.5822 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.328 | 0.050 | 7.5781 | 20.0 |
| Carbazole | 0.873 | 0.846 | 0.050 | -3.1141 | 40.0 |
| Di-n-butylphthalate | 1.123 | 1.035 | 0.500 | -7.9112 | 25.0 |
| Fluoranthene | 1.322 | 1.254 | 0.400 | -5.1211 | 25.0 |
| Pyrene | 1.409 | 1.315 | 0.400 | -6.7247 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.444 | 0.100 | -9.4524 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.466 | 0.010 | 3.7944 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.344 | 0.300 | -5.1288 | 30.0 |
| Chrysene | 1.326 | 1.268 | 0.200 | -4.3706 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.616 | 0.200 | -13.0033 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.921 | 0.010 | -13.0202 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.165 | 0.200 | -4.3573 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.193 | 0.200 | -1.6666 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.101 | 0.200 | -3.7917 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.379 | 0.200 | -1.6879 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.126 | 0.200 | 0.3907 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.053 | 0.200 | -2.2189 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.432 | 0.040 | 3.4471 | 20.0 |
| Pyridine-d5 | 1.854 | 1.914 | 0.010 | 3.2289 | 40.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.575 | 0.010 | -15.7397 | 25.0 |
| Phenol-d5 | 2.075 | 2.211 | 0.010 | 6.5391 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.344 | 0.050 | 15.7421 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.490 | 0.200 | 9.356 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.792 | 0.010 | 17.8819 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 12:12

Lab File ID: BG062939.D Init. Calib. Date(s):

EPA Sample No.: SSTD020499 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.148 | 0.050 | -7.1128 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.188 | 0.050 | 4.1363 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.379 | 0.060 | 1.1704 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.440 | 0.010 | -5.7177 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.477 | 0.300 | -0.7198 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.636 | 0.400 | -1.5004 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.220 | 0.010 | -7.7097 | 40.0 |
| Fluorene-d10 | 1.385 | 1.388 | 0.100 | 0.195 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.126 | 0.010 | 4.299 | 40.0 |
| Anthracene-d10 | 0.945 | 0.924 | 0.300 | -2.2371 | 20.0 |
| Pyrene-d10 | 1.211 | 1.134 | 0.300 | -6.3975 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 1.023 | 0.010 | -2.9788 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 23:26

Lab File ID: BG062955.D Init. Calib. Date(s):

EPA Sample No.: SSTD020500 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.615 | 0.010 | -9.009 | 40.0 |
| Benzaldehyde | 1.136 | 1.224 | 0.010 | 7.7626 | 40.0 |
| Pyridine | 1.846 | 1.759 | 0.010 | -4.688 | 40.0 |
| Phenol | 2.165 | 1.952 | 0.080 | -9.8274 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.388 | 0.100 | -5.1973 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.444 | 0.200 | 3.2147 | 20.0 |
| 2-Methylphenol | 1.497 | 1.394 | 0.010 | -6.9257 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.490 | 0.010 | -17.9827 | 40.0 |
| Acetophenone | 2.391 | 2.221 | 0.060 | -7.1413 | 20.0 |
| 4-Methylphenol | 1.639 | 1.445 | 0.010 | -11.8313 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.195 | 0.050 | -14.4397 | 30.0 |
| Hexachloroethane | 0.594 | 0.575 | 0.100 | -3.2681 | 20.0 |
| Nitrobenzene | 0.473 | 0.527 | 0.050 | 11.4031 | 25.0 |
| Isophorone | 0.942 | 0.892 | 0.050 | -5.3516 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.207 | 0.050 | 4.2157 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.451 | 0.050 | 1.4265 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.461 | 0.050 | -8.0292 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.368 | 0.060 | -0.9709 | 20.0 |
| Naphthalene | 1.111 | 1.090 | 0.200 | -1.865 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.424 | 0.010 | -6.7974 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.335 | 0.040 | 13.0294 | 30.0 |
| Caprolactam | 0.124 | 0.114 | 0.010 | -7.5959 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.412 | 0.040 | -3.362 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.753 | 0.100 | -7.003 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.769 | 0.100 | -3.8592 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.404 | 0.010 | 7.4129 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.429 | 0.090 | -2.9526 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.461 | 0.100 | -0.5433 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.388 | 0.200 | -6.5977 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.139 | 0.300 | -4.6025 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.417 | 0.050 | 3.1938 | 40.0 |
| Dimethylphthalate | 1.522 | 1.395 | 0.300 | -8.3341 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.279 | 0.080 | -4.04 | 30.0 |
| Acenaphthylene | 1.749 | 1.565 | 0.400 | -10.4913 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.248 | 0.010 | -4.8619 | 40.0 |
| Acenaphthene | 1.270 | 1.146 | 0.200 | -9.7861 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.175 | 0.010 | 0.9447 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.303 | 0.010 | 12.521 | 40.0 |
| Dibenzofuran | 1.884 | 1.755 | 0.300 | -6.8583 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 23:26

Lab File ID: BG062955.D Init. Calib. Date(s):

EPA Sample No.: SSTD020500 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.426 | 0.070 | -2.7384 | 30.0 |
| Diethylphthalate | 1.693 | 1.413 | 0.300 | -16.5274 | 20.0 |
| Fluorene | 1.441 | 1.325 | 0.200 | -8.0719 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.779 | 0.100 | -2.1074 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.255 | 0.010 | -2.3868 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.132 | 0.010 | 2.1249 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.530 | 0.050 | -5.5794 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.714 | 0.100 | 0.7874 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.235 | 0.070 | 5.6237 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.277 | 0.050 | 8.0047 | 25.0 |
| Atrazine | 0.233 | 0.242 | 0.010 | 4.043 | 25.0 |
| Pentachlorophenol | 0.146 | 0.147 | 0.010 | 0.3144 | 40.0 |
| Phenanthrene | 1.062 | 1.009 | 0.200 | -5.0401 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.338 | 0.050 | 4.8866 | 20.0 |
| Anthracene | 1.097 | 1.047 | 0.200 | -4.5325 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.315 | 0.050 | 3.4373 | 20.0 |
| Carbazole | 0.873 | 0.836 | 0.050 | -4.2606 | 40.0 |
| Di-n-butylphthalate | 1.123 | 0.997 | 0.500 | -11.2751 | 25.0 |
| Fluoranthene | 1.322 | 1.202 | 0.400 | -9.067 | 25.0 |
| Pyrene | 1.409 | 1.262 | 0.400 | -10.4751 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.429 | 0.100 | -12.39 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.457 | 0.010 | 1.7818 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.312 | 0.300 | -7.4203 | 30.0 |
| Chrysene | 1.326 | 1.248 | 0.200 | -5.88 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.603 | 0.200 | -14.838 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.879 | 0.010 | -16.9933 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.187 | 0.200 | -2.5412 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.149 | 0.200 | -5.301 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.080 | 0.200 | -5.624 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.383 | 0.200 | -1.3906 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.086 | 0.200 | -3.1171 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.035 | 0.200 | -3.9406 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.404 | 0.040 | -3.2244 | 20.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.537 | 0.010 | -21.3887 | 25.0 |
| Pyridine-d5 | 1.854 | 1.625 | 0.010 | -12.3554 | 40.0 |
| Phenol-d5 | 2.075 | 1.882 | 0.010 | -9.332 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.107 | 0.050 | -4.6692 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.353 | 0.200 | -0.7158 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.318 | 0.010 | -13.2987 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/19/2024 12 23:26

Lab File ID: BG062955.D Init. Calib. Date(s):

EPA Sample No.: SSTD020500 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.166 | 0.050 | 4.4303 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.184 | 0.050 | 1.5726 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.369 | 0.060 | -1.6798 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.442 | 0.010 | -5.384 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.377 | 0.300 | -7.4178 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.571 | 0.400 | -5.4221 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.214 | 0.010 | -10.3111 | 40.0 |
| Fluorene-d10 | 1.385 | 1.286 | 0.100 | -7.107 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.123 | 0.010 | 1.4722 | 40.0 |
| Anthracene-d10 | 0.945 | 0.900 | 0.300 | -4.7685 | 20.0 |
| Pyrene-d10 | 1.211 | 1.094 | 0.300 | -9.691 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 1.015 | 0.010 | -3.8107 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 09:58

Lab File ID: BG062971.D Init. Calib. Date(s):

EPA Sample No.: SSTD020501 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.598 | 0.010 | -11.5345 | 40.0 |
| Benzaldehyde | 1.136 | 1.333 | 0.010 | 17.3257 | 40.0 |
| Pyridine | 1.846 | 1.408 | 0.010 | -23.7321 | 40.0 |
| Phenol | 2.165 | 2.007 | 0.080 | -7.2994 | 20.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.343 | 0.100 | -8.2337 | 20.0 |
| 2-Chlorophenol | 1.399 | 1.400 | 0.200 | 0.1124 | 20.0 |
| 2-Methylphenol | 1.497 | 1.347 | 0.010 | -10.0218 | 20.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.400 | 0.010 | -22.9218 | 40.0 |
| Acetophenone | 2.391 | 2.217 | 0.060 | -7.3037 | 20.0 |
| 4-Methylphenol | 1.639 | 1.395 | 0.010 | -14.8783 | 20.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.190 | 0.050 | -14.7995 | 30.0 |
| Hexachloroethane | 0.594 | 0.557 | 0.100 | -6.222 | 20.0 |
| Nitrobenzene | 0.473 | 0.466 | 0.050 | -1.5459 | 25.0 |
| Isophorone | 0.942 | 0.857 | 0.050 | -9.0396 | 25.0 |
| 2-Nitrophenol | 0.198 | 0.189 | 0.050 | -4.9192 | 25.0 |
| 2,4-Dimethylphenol | 0.445 | 0.429 | 0.050 | -3.4644 | 25.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.444 | 0.050 | -11.2527 | 20.0 |
| 2,4-Dichlorophenol | 0.371 | 0.368 | 0.060 | -0.9503 | 20.0 |
| Naphthalene | 1.111 | 1.007 | 0.200 | -9.307 | 20.0 |
| 4-Chloroaniline | 0.454 | 0.421 | 0.010 | -7.4357 | 40.0 |
| Hexachlorobutadiene | 0.297 | 0.338 | 0.040 | 14.0231 | 30.0 |
| Caprolactam | 0.124 | 0.106 | 0.010 | -14.1595 | 40.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.408 | 0.040 | -4.467 | 25.0 |
| 1-Methylnaphthalene | 0.810 | 0.731 | 0.100 | -9.7297 | 20.0 |
| 2-Methylnaphthalene | 0.800 | 0.732 | 0.100 | -8.5001 | 20.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.420 | 0.010 | 11.5871 | 40.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.439 | 0.090 | -0.6244 | 25.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.481 | 0.100 | 3.6934 | 25.0 |
| 1,1-Biphenyl | 1.486 | 1.420 | 0.200 | -4.4227 | 20.0 |
| 2-Chloronaphthalene | 1.194 | 1.124 | 0.300 | -5.8814 | 20.0 |
| 2-Nitroaniline | 0.404 | 0.421 | 0.050 | 4.3894 | 40.0 |
| Dimethylphthalate | 1.522 | 1.446 | 0.300 | -4.9547 | 20.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.298 | 0.080 | 2.7615 | 30.0 |
| Acenaphthylene | 1.749 | 1.636 | 0.400 | -6.4558 | 20.0 |
| 3-Nitroaniline | 0.260 | 0.263 | 0.010 | 0.9253 | 40.0 |
| Acenaphthene | 1.270 | 1.186 | 0.200 | -6.6413 | 20.0 |
| 2,4-Dinitrophenol | 0.173 | 0.196 | 0.010 | 12.7429 | 40.0 |
| 4-Nitrophenol | 0.269 | 0.314 | 0.010 | 16.6771 | 40.0 |
| Dibenzofuran | 1.884 | 1.834 | 0.300 | -2.6441 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 09:58

Lab File ID: BG062971.D Init. Calib. Date(s):

EPA Sample No.: SSTD020501 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.459 | 0.070 | 4.9883 | 30.0 |
| Diethylphthalate | 1.693 | 1.443 | 0.300 | -14.7854 | 20.0 |
| Fluorene | 1.441 | 1.397 | 0.200 | -3.0526 | 20.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.826 | 0.100 | 3.8229 | 20.0 |
| 4-Nitroaniline | 0.261 | 0.278 | 0.010 | 6.4134 | 40.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.130 | 0.010 | 0.8772 | 40.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.528 | 0.050 | -6.0072 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.751 | 0.100 | 5.9975 | 20.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.238 | 0.070 | 6.8155 | 20.0 |
| Hexachlorobenzene | 0.257 | 0.281 | 0.050 | 9.4664 | 25.0 |
| Atrazine | 0.233 | 0.237 | 0.010 | 1.7762 | 25.0 |
| Pentachlorophenol | 0.146 | 0.149 | 0.010 | 1.4598 | 40.0 |
| Phenanthrene | 1.062 | 1.014 | 0.200 | -4.6032 | 20.0 |
| Pentachlorobenzene | 0.322 | 0.324 | 0.050 | 0.5254 | 20.0 |
| Anthracene | 1.097 | 1.034 | 0.200 | -5.7517 | 20.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.297 | 0.050 | -2.5295 | 20.0 |
| Carbazole | 0.873 | 0.815 | 0.050 | -6.694 | 40.0 |
| Di-n-butylphthalate | 1.123 | 0.996 | 0.500 | -11.302 | 25.0 |
| Fluoranthene | 1.322 | 1.192 | 0.400 | -9.8672 | 25.0 |
| Pyrene | 1.409 | 1.263 | 0.400 | -10.3923 | 25.0 |
| Butylbenzylphthalate | 0.490 | 0.428 | 0.100 | -12.6842 | 40.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.477 | 0.010 | 6.2997 | 40.0 |
| Benzo(a)anthracene | 1.417 | 1.306 | 0.300 | -7.8439 | 30.0 |
| Chrysene | 1.326 | 1.263 | 0.200 | -4.7269 | 30.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.593 | 0.200 | -16.1644 | 40.0 |
| Di-n-octyl phthalate | 1.059 | 0.855 | 0.010 | -19.313 | 40.0 |
| Benzo(b)fluoranthene | 1.218 | 1.164 | 0.200 | -4.3891 | 25.0 |
| Benzo(k)fluoranthene | 1.213 | 1.149 | 0.200 | -5.3188 | 25.0 |
| Benzo(a)pyrene | 1.145 | 1.062 | 0.200 | -7.2236 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.368 | 0.200 | -2.462 | 25.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.088 | 0.200 | -2.9522 | 30.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.029 | 0.200 | -4.4947 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.452 | 0.040 | 8.241 | 20.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.503 | 0.010 | -26.2736 | 25.0 |
| Pyridine-d5 | 1.854 | 1.332 | 0.010 | -28.1379 | 40.0 |
| Phenol-d5 | 2.075 | 1.933 | 0.010 | -6.8787 | 25.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.027 | 0.050 | -11.5651 | 25.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.342 | 0.200 | -1.5352 | 20.0 |
| 4-Methylphenol-d8 | 1.520 | 1.420 | 0.010 | -6.5706 | 20.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 09:58

Lab File ID: BG062971.D Init. Calib. Date(s):

EPA Sample No.: SSTD020501 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.153 | 0.050 | -4.2079 | 20.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.182 | 0.050 | 0.5145 | 30.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.364 | 0.060 | -2.9706 | 20.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.425 | 0.010 | -8.9042 | 40.0 |
| Dimethylphthalate-d6 | 1.487 | 1.429 | 0.300 | -3.9062 | 20.0 |
| Acenaphthylene-d8 | 1.661 | 1.575 | 0.400 | -5.2074 | 20.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.221 | 0.010 | -7.443 | 40.0 |
| Fluorene-d10 | 1.385 | 1.389 | 0.100 | 0.2745 | 20.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.112 | 0.010 | -7.564 | 40.0 |
| Anthracene-d10 | 0.945 | 0.910 | 0.300 | -3.7081 | 20.0 |
| Pyrene-d10 | 1.211 | 1.091 | 0.300 | -9.9681 | 25.0 |
| Benzo(a)pyrene-d12 | 1.055 | 0.993 | 0.010 | -5.8131 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 20:44

Lab File ID: BG062986.D Init. Calib. Date(s):

EPA Sample No.: SSTD020502 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 1,4-Dioxane | 0.676 | 0.580 | 0.010 | -14.1725 | 50.0 |
| Benzaldehyde | 1.136 | 1.345 | 0.010 | 18.4054 | 50.0 |
| Pyridine | 1.846 | 1.323 | 0.010 | -28.3204 | 50.0 |
| Phenol | 2.165 | 1.981 | 0.080 | -8.5198 | 50.0 |
| Bis(2-Chloroethyl)ether | 1.464 | 1.325 | 0.100 | -9.4793 | 50.0 |
| 2-Chlorophenol | 1.399 | 1.361 | 0.200 | -2.676 | 50.0 |
| 2-Methylphenol | 1.497 | 1.398 | 0.010 | -6.6389 | 50.0 |
| 2,2-oxybis(1-Chloropropane) | 1.816 | 1.485 | 0.010 | -18.2451 | 50.0 |
| Acetophenone | 2.391 | 2.403 | 0.060 | 0.5054 | 50.0 |
| 4-Methylphenol | 1.639 | 1.567 | 0.010 | -4.3634 | 50.0 |
| N-Nitroso-di-n-propylamine | 1.396 | 1.325 | 0.050 | -5.1407 | 50.0 |
| Hexachloroethane | 0.594 | 0.568 | 0.100 | -4.3816 | 50.0 |
| Nitrobenzene | 0.473 | 0.507 | 0.050 | 7.1592 | 50.0 |
| Isophorone | 0.942 | 0.911 | 0.050 | -3.297 | 50.0 |
| 2-Nitrophenol | 0.198 | 0.219 | 0.050 | 10.2262 | 50.0 |
| 2,4-Dimethylphenol | 0.445 | 0.447 | 0.050 | 0.5055 | 50.0 |
| Bis(2-Chloroethoxy)methane | 0.501 | 0.467 | 0.050 | -6.7274 | 50.0 |
| 2,4-Dichlorophenol | 0.371 | 0.386 | 0.060 | 3.9829 | 50.0 |
| Naphthalene | 1.111 | 1.103 | 0.200 | -0.6522 | 50.0 |
| 4-Chloroaniline | 0.454 | 0.439 | 0.010 | -3.3031 | 50.0 |
| Hexachlorobutadiene | 0.297 | 0.344 | 0.040 | 15.7746 | 50.0 |
| Caprolactam | 0.124 | 0.116 | 0.010 | -6.3139 | 50.0 |
| 4-Chloro-3-methylphenol | 0.427 | 0.421 | 0.040 | -1.309 | 50.0 |
| 1-Methylnaphthalene | 0.810 | 0.781 | 0.100 | -3.5539 | 50.0 |
| 2-Methylnaphthalene | 0.800 | 0.763 | 0.100 | -4.69 | 50.0 |
| Hexachlorocyclopentadiene | 0.376 | 0.419 | 0.010 | 11.428 | 50.0 |
| 2,4,6-Trichlorophenol | 0.442 | 0.440 | 0.090 | -0.4272 | 50.0 |
| 2,4,5-Trichlorophenol | 0.464 | 0.476 | 0.100 | 2.5522 | 50.0 |
| 1,1-Biphenyl | 1.486 | 1.394 | 0.200 | -6.2016 | 50.0 |
| 2-Chloronaphthalene | 1.194 | 1.157 | 0.300 | -3.0681 | 50.0 |
| 2-Nitroaniline | 0.404 | 0.422 | 0.050 | 4.4577 | 50.0 |
| Dimethylphthalate | 1.522 | 1.465 | 0.300 | -3.7495 | 50.0 |
| 2,6-Dinitrotoluene | 0.290 | 0.294 | 0.080 | 1.0932 | 50.0 |
| Acenaphthylene | 1.749 | 1.633 | 0.400 | -6.6193 | 50.0 |
| 3-Nitroaniline | 0.260 | 0.249 | 0.010 | -4.4338 | 50.0 |
| Acenaphthene | 1.270 | 1.144 | 0.200 | -9.924 | 50.0 |
| 2,4-Dinitrophenol | 0.173 | 0.148 | 0.010 | -14.4507 | 50.0 |
| 4-Nitrophenol | 0.269 | 0.262 | 0.010 | -2.7428 | 50.0 |
| Dibenzofuran | 1.884 | 1.588 | 0.300 | -15.6772 | 50.0 |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 20:44

Lab File ID: BG062986.D Init. Calib. Date(s):

EPA Sample No.: SSTD020502 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2,4-Dinitrotoluene | 0.438 | 0.369 | 0.070 | -15.5907 | 50.0 |
| Diethylphthalate | 1.693 | 1.268 | 0.300 | -25.1323 | 50.0 |
| Fluorene | 1.441 | 1.407 | 0.200 | -2.3673 | 50.0 |
| 4-Chlorophenyl-phenylether | 0.795 | 0.800 | 0.100 | 0.5741 | 50.0 |
| 4-Nitroaniline | 0.261 | 0.253 | 0.010 | -3.257 | 50.0 |
| 4,6-Dinitro-2-methylphenol | 0.129 | 0.138 | 0.010 | 6.7054 | 50.0 |
| N-Nitrosodiphenylamine | 0.562 | 0.555 | 0.050 | -1.2366 | 50.0 |
| 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.752 | 0.100 | 6.1221 | 50.0 |
| 4-Bromophenyl-phenylether | 0.222 | 0.242 | 0.070 | 8.7899 | 50.0 |
| Hexachlorobenzene | 0.257 | 0.298 | 0.050 | 16.2275 | 50.0 |
| Atrazine | 0.233 | 0.245 | 0.010 | 5.2462 | 50.0 |
| Pentachlorophenol | 0.146 | 0.146 | 0.010 | -0.0451 | 50.0 |
| Phenanthrene | 1.062 | 1.026 | 0.200 | -3.3971 | 50.0 |
| Pentachlorobenzene | 0.322 | 0.290 | 0.050 | -9.9862 | 50.0 |
| Anthracene | 1.097 | 1.042 | 0.200 | -5.0256 | 50.0 |
| 1,2,3,4-Tetrachlorobenzene | 0.305 | 0.321 | 0.050 | 5.3124 | 50.0 |
| Carbazole | 0.873 | 0.826 | 0.050 | -5.4682 | 50.0 |
| Di-n-butylphthalate | 1.123 | 0.985 | 0.500 | -12.32 | 50.0 |
| Fluoranthene | 1.322 | 1.184 | 0.400 | -10.4635 | 50.0 |
| Pyrene | 1.409 | 1.259 | 0.400 | -10.6988 | 50.0 |
| Butylbenzylphthalate | 0.490 | 0.400 | 0.100 | -18.2487 | 50.0 |
| 3,3-Dichlorobenzidine | 0.449 | 0.465 | 0.010 | 3.6562 | 50.0 |
| Benzo(a)anthracene | 1.417 | 1.320 | 0.300 | -6.8208 | 50.0 |
| Chrysene | 1.326 | 1.241 | 0.200 | -6.379 | 50.0 |
| Bis(2-ethylhexyl)phthalate | 0.708 | 0.580 | 0.200 | -18.0175 | 50.0 |
| Di-n-octyl phthalate | 1.059 | 0.743 | 0.010 | -29.8774 | 50.0 |
| Benzo(b)fluoranthene | 1.218 | 1.128 | 0.200 | -7.3461 | 50.0 |
| Benzo(k)fluoranthene | 1.213 | 1.175 | 0.200 | -3.1113 | 50.0 |
| Benzo(a)pyrene | 1.145 | 1.084 | 0.200 | -5.3044 | 50.0 |
| Indeno(1,2,3-cd)pyrene | 1.403 | 1.372 | 0.200 | -2.1618 | 50.0 |
| Dibenzo(a,h)anthracene | 1.121 | 1.117 | 0.200 | -0.411 | 50.0 |
| Benzo(g,h,i)perylene | 1.077 | 1.047 | 0.200 | -2.8105 | 50.0 |
| 2,3,4,6-Tetrachlorophenol | 0.418 | 0.381 | 0.040 | -8.6867 | 50.0 |
| 1,4-Dioxane-d8 | 0.683 | 0.570 | 0.010 | -16.5765 | 50.0 |
| Pyridine-d5 | 1.854 | 1.272 | 0.010 | -31.3824 | 50.0 |
| Phenol-d5 | 2.075 | 1.916 | 0.010 | -7.6735 | 50.0 |
| Bis-(2-Chloroethyl)ether-d8 | 1.161 | 1.063 | 0.050 | -8.4749 | 50.0 |
| 2-Chlorophenol-d4 | 1.363 | 1.327 | 0.200 | -2.6103 | 50.0 |
| 4-Methylphenol-d8 | 1.520 | 1.489 | 0.010 | -2.0399 | 50.0 |

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG No.: BG091824

Instrument ID: BNA_G Calibration Date/Time: 9/20/2024 12 20:44

Lab File ID: BG062986.D Init. Calib. Date(s):

EPA Sample No.: SSTD020502 Init. Calib. Time(s):

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

| COMPOUND | RRF | RRFCAL | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.159 | 0.158 | 0.050 | -1.1115 | 50.0 |
| 2-Nitrophenol-d4 | 0.181 | 0.194 | 0.050 | 7.0788 | 50.0 |
| 2,4-Dichlorophenol-d3 | 0.375 | 0.386 | 0.060 | 2.8438 | 50.0 |
| 4-Chloroaniline-d4 | 0.467 | 0.455 | 0.010 | -2.5122 | 50.0 |
| Dimethylphthalate-d6 | 1.487 | 1.426 | 0.300 | -4.1485 | 50.0 |
| Acenaphthylene-d8 | 1.661 | 1.552 | 0.400 | -6.5677 | 50.0 |
| 4-Nitrophenol-d4 | 0.238 | 0.169 | 0.010 | -29.0119 | 50.0 |
| Fluorene-d10 | 1.385 | 1.338 | 0.100 | -3.3962 | 50.0 |
| 4,6-Dinitro-2-methylphenol-d2 | 0.121 | 0.126 | 0.010 | 4.4456 | 50.0 |
| Anthracene-d10 | 0.945 | 0.903 | 0.300 | -4.4399 | 50.0 |
| Pyrene-d10 | 1.211 | 1.097 | 0.300 | -9.4503 | 50.0 |
| Benzo(a)pyrene-d12 | 1.055 | 0.994 | 0.010 | -5.7918 | 50.0 |

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SBLK394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062903.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 920 | U | 920 | 190 | 2000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 110-86-1 | Pyridine | 3400 | U | 3400 | 4900 | 9800 | ug/Kg |
| 108-95-2 | Phenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1900 | U | 1900 | 2400 | 9800 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 98-86-2 | Acetophenone | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 580 | U | 580 | 1300 | 4900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 740 | U | 740 | 1300 | 4900 | ug/Kg |
| 91-20-3 | Naphthalene | 550 | U | 550 | 1300 | 4900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 880 | U | 880 | 1300 | 9800 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 105-60-2 | Caprolactam | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 940 | U | 940 | 1300 | 4900 | ug/Kg |

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SBLK394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062903.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 890 | U | 890 | 1300 | 4900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1600 | U | 1600 | 1300 | 4900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 800 | U | 800 | 1300 | 4900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 83-32-9 | Acenaphthene | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3500 | U | 3500 | 2400 | 9800 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1600 | U | 1600 | 2400 | 9800 | ug/Kg |
| 132-64-9 | Dibenzofuran | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 940 | U | 940 | 1300 | 4900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 86-73-7 | Fluorene | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 2700 | U | 2700 | 1300 | 4900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 860 | U | 860 | 1300 | 4900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 1900 | U | 1900 | 1300 | 4900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 1912-24-9 | Atrazine | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 3200 | U | 3200 | 2400 | 9800 | ug/Kg |
| 85-01-8 | Phenanthrene | 680 | U | 680 | 1300 | 4900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 120-12-7 | Anthracene | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 86-74-8 | Carbazole | 930 | U | 930 | 2400 | 9800 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 206-44-0 | Fluoranthene | 590 | U | 590 | 2400 | 4900 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SBLK394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062903.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 510 | U | 510 | 1300 | 4900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 218-01-9 | Chrysene | 640 | U | 640 | 1300 | 4900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 820 | U | 820 | 1300 | 4900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 970 | U | 970 | 1300 | 4900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 910 | U | 910 | 1300 | 4900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 880 | U | 880 | 1300 | 4900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.795 | | 15-120 | | 60 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 25.11 | | 20-120 | | 63 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 27.886 | | 10-130 | | 70 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 29.272 | | 10-150 | | 73 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.714 | | 15-120 | | 64 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 28.532 | | 10-140 | | 71 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.647 | | 10-135 | | 69 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.279 | | 10-120 | | 73 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.071 | | 10-140 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 26.459 | | 1-145 | | 66 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 28.624 | | 10-145 | | 72 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 27.622 | | 15-120 | | 69 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 26.45 | | 10-150 | | 66 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 28.457 | | 20-140 | | 71 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SBLK394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062903.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 25.548 | | 10-130 | | 64 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 28.536 | | 10-150 | | 71 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 27.653 | | 10-130 | | 69 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.794 | | 10-140 | | 69 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55356 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 236300 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 189578 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 448060 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 467860 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 523010 | 24.529 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000137-89-3 | 1,3-Benzenedicarboxylic acid, bis( | 7100 | J | | | 22.608 | |
| E966796 | Total Alkanes | 890 | U | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 250 | 2600 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2700 | U | 2700 | 3200 | 13000 | ug/Kg |
| 110-86-1 | Pyridine | 4500 | U | 4500 | 6400 | 13000 | ug/Kg |
| 108-95-2 | Phenol | 1900 | U | 1900 | 3200 | 13000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2400 | U | 2400 | 3200 | 13000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1900 | U | 1900 | 1600 | 6400 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3200 | 13000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2600 | U | 2600 | 3200 | 13000 | ug/Kg |
| 98-86-2 | Acetophenone | 1900 | U | 1900 | 3200 | 13000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1900 | U | 1900 | 3200 | 13000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2700 | U | 2700 | 1600 | 6400 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2200 | U | 2200 | 1600 | 6400 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2300 | U | 2300 | 1600 | 6400 | ug/Kg |
| 78-59-1 | Isophorone | 1400 | U | 1400 | 1600 | 6400 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 760 | U | 760 | 1600 | 6400 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 960 | U | 960 | 1600 | 6400 | ug/Kg |
| 91-20-3 | Naphthalene | 1700 | J | 720 | 1600 | 6400 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1200 | U | 1200 | 1600 | 13000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6400 | ug/Kg |
| 105-60-2 | Caprolactam | 2600 | U | 2600 | 3200 | 13000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1400 | U | 1400 | 1600 | 6400 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3200 | J | 800 | 1600 | 6400 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 5200 | J | 980 | 1600 | 6400 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3300 | U | 3300 | 3200 | 13000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6400 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2100 | U | 2100 | 1600 | 6400 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1900 | U | 1900 | 1600 | 6400 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1700 | U | 1700 | 3200 | 13000 | ug/Kg |
| 83-32-9 | Acenaphthene | 1000 | U | 1000 | 1600 | 6400 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4600 | U | 4600 | 3200 | 13000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2100 | U | 2100 | 3200 | 13000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 1000 | U | 1000 | 1600 | 6400 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2200 | U | 2200 | 1600 | 6400 | ug/Kg |
| 86-73-7 | Fluorene | 2200 | U | 2200 | 1600 | 6400 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6400 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3200 | 13000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3200 | U | 3200 | 3200 | 13000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3600 | U | 3600 | 1600 | 6400 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2400 | U | 2400 | 1600 | 6400 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2800 | U | 2800 | 1600 | 6400 | ug/Kg |
| 1912-24-9 | Atrazine | 2700 | U | 2700 | 3200 | 13000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 340000 | E | 4200 | 3200 | 13000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1400 | J | 890 | 1600 | 6400 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2700 | U | 2700 | 1600 | 6400 | ug/Kg |
| 120-12-7 | Anthracene | 730 | U | 730 | 1600 | 6400 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2800 | U | 2800 | 1600 | 6400 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3200 | 13000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 206-44-0 | Fluoranthene | 770 | U | 770 | 3200 | 6400 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 800 | U | 800 | 1600 | 6400 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 670 | U | 670 | 1600 | 6400 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2600 | U | 2600 | 3200 | 13000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 990 | U | 990 | 1600 | 6400 | ug/Kg |
| 218-01-9 | Chrysene | 830 | U | 830 | 1600 | 6400 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 730 | U | 730 | 1600 | 6400 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1700 | U | 1700 | 3200 | 13000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1100 | U | 1100 | 1600 | 6400 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1300 | U | 1300 | 1600 | 6400 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 990 | U | 990 | 1600 | 6400 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1200 | U | 1200 | 1600 | 6400 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 33000 | | 2300 | 1600 | 6400 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.139 | | 15-120 | | 39 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.557 | | 20-120 | | 41 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 21.029 | | 10-130 | | 53 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.783 | | 10-150 | | 54 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.108 | | 15-120 | | 50 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.215 | | 10-140 | | 53 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.717 | | 10-135 | | 54 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.828 | | 10-120 | | 55 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.83 | | 10-140 | | 52 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 21.794 | | 1-145 | | 54 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.973 | | 10-145 | | 57 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.007 | | 15-120 | | 58 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.679 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.106 | | 20-140 | | 58 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 21.57 | | 10-130 | | 54 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.674 | | 10-150 | | 59 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.69 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.393 | | 10-140 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 49431 | 7.861 | | | | |
| 1146-65-2 | Naphthalene-d8 | 203796 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 163850 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 388044 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 395052 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 462216 | 24.524 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 11000 | J | | | 5.887 | |
| | unknown-01 | 3500 | J | | | 6.357 | |
| | (DEL) Alkane: Straight-Chain6.428 | 5000 | J | | | 6.428 | |
| | (DEL) Alkane: Straight-Chain6.857 | 12000 | J | | | 6.857 | |
| | (DEL) Alkane: Straight-Chain6.915 | 9400 | J | | | 6.915 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 11000 | J | | | 6.951 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 6000 | J | | | 7.086 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 5900 | J | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 9000 | J | | | 7.286 | |
| 1000382-90-9 | Carbonic acid, prop-1-en-2-yl tetr | 55000 | J | | | 7.485 | |
| | (DEL) Alkane: Straight-Chain7.785 | 4100 | J | | | 7.785 | |
| 002425-77-6 | 1-Decanol, 2-hexyl- | 4500 | J | | | 7.92 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 7900 | J | | | 7.973 | |
| | (DEL) Alkane: Straight-Chain8.049 | 4100 | J | | | 8.049 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 12000 | J | | | 8.279 | |
| | (DEL) Alkane: Straight-Chain8.331 | 8000 | J | | | 8.331 | |
| | (DEL) Alkane: Straight-Chain8.390 | 13000 | J | | | 8.39 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1000365-51-7 | 4-Methyl-3-heptanol, pentafluoropr | 6100 | J | | | 8.449 | |
| | (DEL) Alkane: Straight-Chain8.625 | 9200 | J | | | 8.625 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 6800 | J | | | 8.655 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 5600 | J | | | 8.807 | |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 8600 | J | | | 8.854 | |
| | (DEL) Alkane: Straight-Chain9.083 | 40000 | J | | | 9.083 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 3900 | J | | | 11.022 | |
| 000106-58-1 | Piperazine, 1,4-dimethyl- | 3800 | J | | | 11.152 | |
| 004485-09-0 | 4-Nonanone | 3300 | J | | | 11.675 | |
| | (DEL) Alkane: Straight-Chain12.074 | 3800 | J | | | 12.074 | |
| | unknown-02 | 2900 | J | | | 13.237 | |
| | (DEL) Alkane: Straight-Chain13.320 | 8100 | J | | | 13.32 | |
| | unknown-03 | 6900 | J | | | 13.531 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 7000 | J | | | 13.666 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 5500 | J | | | 13.807 | |
| 000573-98-8 | Naphthalene, 1,2-dimethyl- | 4300 | J | | | 14.042 | |
| | (DEL) Alkane: Straight-Chain14.395 | 7500 | J | | | 14.395 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 3500 | J | | | 14.888 | |
| | unknown-04 | 2900 | J | | | 15.024 | |
| 000119-61-9 | Benzophenone | 6500 | J | | | 15.846 | |
| | (DEL) Alkane: Straight-Chain16.210 | 7400 | J | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.004 | 6500 | J | | | 17.004 | |
| | unknown-05 | 3500 | J | | | 17.057 | |
| | (DEL) Alkane: Straight-Chain17.738 | 6300 | J | | | 17.738 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 9500 | J | | | 17.914 | |
| 013187-99-0 | 2-Bromo dodecane | 5600 | J | | | 18.431 | |
| 052380-33-3 | 11-Octadecenoic acid, methyl ester | 12000 | J | | | 19.084 | |
| 007132-64-1 | Pentadecanoic acid, methyl ester | 3900 | J | | | 19.219 | |
| 1000309-26-9 | Oxalic acid, hexadecyl propyl este | 8800 | J | | | 21.157 | |
| | (DEL) Alkane: Straight-Chain22.256 | 3900 | J | | | 22.256 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062904.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| E966796 | Total Alkanes | 160000 | | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6000 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6100 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 720 | U | 720 | 1600 | 6100 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 910 | U | 910 | 1600 | 6100 | ug/Kg |
| 91-20-3 | Naphthalene | 5500 | J | 680 | 1600 | 6100 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 10000 | | 750 | 1600 | 6100 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 18000 | | 920 | 1600 | 6100 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1600 | 6100 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 950 | U | 950 | 1600 | 6100 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4400 | U | 4400 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 950 | U | 950 | 1600 | 6100 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1600 | 6100 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1600 | 6100 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1100000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4600 | J | 840 | 1600 | 6100 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 120-12-7 | Anthracene | 690 | U | 690 | 1600 | 6100 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 206-44-0 | Fluoranthene | 730 | U | 730 | 3000 | 6100 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 750 | U | 750 | 1600 | 6100 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 630 | U | 630 | 1600 | 6100 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 218-01-9 | Chrysene | 790 | U | 790 | 1600 | 6100 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 690 | U | 690 | 1600 | 6100 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 100000 | E | 2200 | 1600 | 6100 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.688 | | 15-120 | | 34 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 12.337 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 17.223 | | 10-130 | | 43 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 17.146 | | 10-150 | | 43 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 16.196 | | 15-120 | | 40 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.807 | | 10-140 | | 45 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 19.705 | | 10-135 | | 49 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.074 | | 10-120 | | 53 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 18.037 | | 10-140 | | 45 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.011 | | 1-145 | | 48 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 18.105 | | 10-145 | | 45 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 18.593 | | 15-120 | | 46 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 15.468 | | 10-150 | | 39 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.108 | | 20-140 | | 45 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.038 | | 10-130 | | 45 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.106 | | 10-150 | | 45 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 17.676 | | 10-130 | | 44 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 17.89 | | 10-140 | | 45 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 56324 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 211022 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 178777 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 401175 | 17.245 | | | | |
| 1719-03-5 | Chrysene-d12 | 409170 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 481320 | 24.524 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 16000 | J | | | 5.887 | |
| | (DEL) Alkane: Straight-Chain6.857 | 21000 | J | | | 6.857 | |
| | (DEL) Alkane: Straight-Chain6.916 | 15000 | J | | | 6.916 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 18000 | J | | | 6.951 | |
| 000108-67-8 | Mesitylene | 10000 | J | | | 7.086 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 11000 | J | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 22000 | J | | | 7.286 | |
| | (DEL) Alkane: Straight-Chain7.491 | 97000 | J | | | 7.491 | |
| | (DEL) Alkane: Straight-Chain7.779 | 11000 | J | | | 7.779 | |
| 1000139-90-3 | 1-Isobutoxy-2-ethylhexane | 21000 | J | | | 7.92 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 13000 | J | | | 7.973 | |
| 002114-42-3 | Cyclohexane, 2-propenyl- | 9200 | J | | | 8.149 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 30000 | J | | | 8.285 | |
| | unknown-01 | 11000 | J | | | 8.332 | |
| | (DEL) Alkane: Straight-Chain8.396 | 20000 | J | | | 8.396 | |
| | (DEL) Alkane: Straight-Chain8.449 | 8900 | J | | | 8.449 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 18000 | J | | | 8.502 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.625 | 19000 | J | | | 8.625 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 14000 | J | | | 8.661 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 11000 | J | | | 8.807 | |
| 000099-87-6 | p-Cymene | 17000 | J | | | 8.86 | |
| | (DEL) Alkane: Straight-Chain9.089 | 80000 | J | | | 9.089 | |
| | (DEL) Alkane: Straight-Chain9.936 | 3200 | J | | | 9.936 | |
| | (DEL) Alkane: Straight-Chain10.077 | 2700 | J | | | 10.077 | |
| | (DEL) Alkane: Straight-Chain11.152 | 4900 | J | | | 11.152 | |
| | (DEL) Alkane: Straight-Chain12.074 | 4600 | J | | | 12.074 | |
| | unknown-02 | 15000 | J | | | 12.744 | |
| | unknown-03 | 10000 | J | | | 13.238 | |
| | (DEL) Alkane: Straight-Chain13.320 | 25000 | J | | | 13.32 | |
| 000097-85-8 | Propanoic acid, 2-methyl-, 2-methy | 7900 | J | | | 13.449 | |
| | unknown-04 | 20000 | J | | | 13.537 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 30000 | J | | | 13.666 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl e | 9700 | J | | | 13.749 | |
| 000571-58-4 | Naphthalene, 1,4-dimethyl- | 20000 | J | | | 13.813 | |
| | (DEL) Alkane: Straight-Chain13.978 | 12000 | J | | | 13.978 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 11000 | J | | | 14.043 | |
| | (DEL) Alkane: Straight-Chain14.395 | 21000 | J | | | 14.395 | |
| | unknown-05 | 9900 | J | | | 14.565 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 11000 | J | | | 14.889 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 7400 | J | | | 14.965 | |
| | unknown-06 | 10000 | J | | | 15.03 | |
| | (DEL) Alkane: Straight-Chain15.347 | 20000 | J | | | 15.347 | |
| | (DEL) Alkane: Straight-Chain15.758 | 8000 | J | | | 15.758 | |
| | unknown-07 | 7700 | J | | | 15.852 | |
| | (DEL) Alkane: Straight-Chain16.211 | 33000 | J | | | 16.211 | |
| | (DEL) Alkane: Straight-Chain17.004 | 23000 | J | | | 17.004 | |
| | (DEL) Alkane: Straight-Chain17.057 | 15000 | J | | | 17.057 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062905.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.744 | 20000 | J | | | 17.744 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 30000 | J | | | 17.914 | |
| 013187-99-0 | 2-Bromo dodecane | 18000 | J | | | 18.437 | |
| 000112-62-9 | 9-Octadecenoic acid (Z)-, methyl e | 41000 | J | | | 19.084 | |
| 007132-64-1 | Pentadecanoic acid, methyl ester | 14000 | J | | | 19.219 | |
| | (DEL) Alkane: Straight-Chain20.182 | 7400 | J | | | 20.182 | |
| | (DEL) Alkane: Straight-Chain21.164 | 18000 | J | | | 21.164 | |
| | (DEL) Alkane: Straight-Chain21.681 | 6800 | J | | | 21.681 | |
| | (DEL) Alkane: Straight-Chain22.256 | 11000 | J | | | 22.256 | |
| E966796 | Total Alkanes | 520000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4200 | U | 4200 | 6000 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1500 | 6000 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 710 | U | 710 | 1500 | 6000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 900 | U | 900 | 1500 | 6000 | ug/Kg |
| 91-20-3 | Naphthalene | 2100 | J | 670 | 1500 | 6000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 2500 | J | 750 | 1500 | 6000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4400 | J | 910 | 1500 | 6000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 6000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 990 | U | 990 | 1500 | 6000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 940 | U | 940 | 1500 | 6000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U | 4300 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 940 | U | 940 | 1500 | 6000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1500 | 6000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1500 | 6000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 300000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 830 | U | 830 | 1500 | 6000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 120-12-7 | Anthracene | 690 | U | 690 | 1500 | 6000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 206-44-0 | Fluoranthene | 720 | U | 720 | 3000 | 6000 | ug/Kg |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 750 | U | 750 | 1500 | 6000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 630 | U | 630 | 1500 | 6000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 218-01-9 | Chrysene | 780 | U | 780 | 1500 | 6000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 690 | U | 690 | 1500 | 6000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 21000 | | 2200 | 1500 | 6000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.401 | | 15-120 | | 43 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 15.195 | | 20-120 | | 38 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 20.192 | | 10-130 | | 50 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.801 | | 10-150 | | 52 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.854 | | 15-120 | | 52 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.784 | | 10-140 | | 54 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 20.934 | | 10-135 | | 52 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.758 | | 10-120 | | 54 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.544 | | 10-140 | | 49 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.253 | | 1-145 | | 48 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 21.699 | | 10-145 | | 54 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.575 | | 15-120 | | 54 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 17.167 | | 10-150 | | 43 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.74 | | 20-140 | | 54 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.569 | | 10-130 | | 46 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 21.86 | | 10-150 | | 55 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 21.757 | | 10-130 | | 54 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 21.607 | | 10-140 | | 54 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 48975 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 216799 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 167528 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 381738 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 394523 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 463344 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.885 | 10000 | J | | | 5.885 | |
| | (DEL) Alkane: Straight-Chain6.425 | 3400 | J | | | 6.425 | |
| | (DEL) Alkane: Straight-Chain6.860 | 5300 | J | | | 6.86 | |
| | (DEL) Alkane: Straight-Chain6.913 | 6400 | J | | | 6.913 | |
| 007654-03-7 | Benmoxin | 4000 | J | | | 6.954 | |
| | (DEL) Alkane: Straight-Chain7.489 | 35000 | J | | | 7.489 | |
| | unknown-01 | 3300 | J | | | 7.777 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 14000 | J | | | 7.918 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 3300 | J | | | 7.976 | |
| 000126-81-8 | 1,3-Cyclohexanedione, 5,5-dimethyl | 3600 | J | | | 8.288 | |
| | (DEL) Alkane: Straight-Chain8.393 | 6900 | J | | | 8.393 | |
| 1000309-14-6 | Sulfurous acid, pentyl tridecyl es | 3200 | J | | | 8.446 | |
| | (DEL) Alkane: Straight-Chain8.623 | 5200 | J | | | 8.623 | |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl- | 3100 | J | | | 8.805 | |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 4100 | J | | | 8.858 | |
| | (DEL) Alkane: Straight-Chain9.087 | 35000 | J | | | 9.087 | |
| | unknown-02 | 8400 | J | | | 9.204 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain9.792 | 3000 | J | | | 9.792 | |
| 000627-48-5 | Cyanic acid, ethyl ester | 11000 | J | | | 11.026 | |
| | unknown-03 | 3500 | J | | | 11.149 | |
| | (DEL) Alkane: Straight-Chain11.678 | 4800 | J | | | 11.678 | |
| 054340-86-2 | Benzene, 4-(2-butenyl)-1,2-dimethy | 8800 | J | | | 11.743 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 5600 | J | | | 11.907 | |
| | (DEL) Alkane: Straight-Chain12.072 | 8600 | J | | | 12.072 | |
| | (DEL) Alkane: Straight-Chain12.107 | 5500 | J | | | 12.107 | |
| | (DEL) Alkane: Straight-Chain12.888 | 2800 | J | | | 12.888 | |
| | (DEL) Alkane: Straight-Chain13.029 | 3600 | J | | | 13.029 | |
| | (DEL) Alkane: Straight-Chain13.317 | 12000 | J | | | 13.317 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 2700 | J | | | 13.811 | |
| | (DEL) Alkane: Straight-Chain13.975 | 5100 | J | | | 13.975 | |
| 014300-13-1 | Quinoline, 2,3,4-trimethyl-, 1-oxi | 4600 | J | | | 14.122 | |
| | (DEL) Alkane: Straight-Chain14.392 | 24000 | J | | | 14.392 | |
| | unknown-04 | 5100 | J | | | 14.563 | |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 14000 | J | | | 14.633 | |
| 036047-75-3 | 3-Amino-5H-asym triazino[5,6-b]ind | 3300 | J | | | 15.18 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 15000 | J | | | 15.25 | |
| 035599-77-0 | Tridecane, 1-iodo- | 11000 | J | | | 15.344 | |
| | (DEL) Alkane: Straight-Chain15.749 | 5100 | J | | | 15.749 | |
| 000119-61-9 | Benzophenone | 6600 | J | | | 15.849 | |
| 1000147-91-5 | 2-Methylidenehydrazono-3-methyl-6- | 4400 | J | | | 16.12 | |
| | (DEL) Alkane: Straight-Chain16.208 | 9700 | J | | | 16.208 | |
| 072225-24-2 | 6-Aminobenzo(g)quinoxaline-5,10-di | 2800 | J | | | 16.419 | |
| | (DEL) Alkane: Straight-Chain17.001 | 6300 | J | | | 17.001 | |
| | (DEL) Alkane: Straight-Chain17.054 | 3600 | J | | | 17.054 | |
| 187328-55-8 | 9,9-Dimethyl-9-sila-9,10-dihydroph | 4800 | J | | | 17.53 | |
| | (DEL) Alkane: Straight-Chain17.741 | 6600 | J | | | 17.741 | |
| | (DEL) Alkane: Straight-Chain18.435 | 4400 | J | | | 18.435 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062906.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain19.069 | 3900 | J | | | 19.069 | |
| | (DEL) Alkane: Straight-Chain20.180 | 3100 | J | | | 20.18 | |
| 1000383-14-3 | Carbonic acid, 2-ethylhexyl hexade | 8000 | J | | | 21.161 | |
| | (DEL) Alkane: Straight-Chain22.259 | 3500 | J | | | 22.259 | |
| E966796 | Total Alkanes | 220000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4200 | U | 4200 | 6000 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1500 | 6000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1500 | 6000 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 710 | U | 710 | 1500 | 6000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 910 | U | 910 | 1500 | 6000 | ug/Kg |
| 91-20-3 | Naphthalene | 11000 | | 680 | 1500 | 6000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 14000 | | 750 | 1500 | 6000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 24000 | | 920 | 1500 | 6000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 2100 | J | 1100 | 1500 | 6000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 6000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 990 | U | 990 | 1500 | 6000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 940 | U | 940 | 1500 | 6000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U | 4300 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 940 | U | 940 | 1500 | 6000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1500 | 6000 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1500 | 6000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1500 | 6000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1500 | 6000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1500 | 6000 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1900000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4400 | J | 830 | 1500 | 6000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 120-12-7 | Anthracene | 690 | U | 690 | 1500 | 6000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1500 | 6000 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 206-44-0 | Fluoranthene | 720 | U | 720 | 3000 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 750 | U | 750 | 1500 | 6000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 630 | U | 630 | 1500 | 6000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 218-01-9 | Chrysene | 780 | U | 780 | 1500 | 6000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 690 | U | 690 | 1500 | 6000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 140000 | E | 2200 | 1500 | 6000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.432 | | 15-120 | | 43 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.897 | | 20-120 | | 42 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 21.139 | | 10-130 | | 53 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 22.666 | | 10-150 | | 57 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.053 | | 15-120 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 22.209 | | 10-140 | | 56 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.415 | | 10-135 | | 61 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 25.817 | | 10-120 | | 65 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.099 | | 10-140 | | 58 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 21.954 | | 1-145 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.022 | | 10-145 | | 58 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.247 | | 15-120 | | 58 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.674 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.296 | | 20-140 | | 58 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.924 | | 10-130 | | 52 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.058 | | 10-150 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.764 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.192 | | 10-140 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 50537 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 193817 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 154775 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 354881 | 17.25 | | | | |
| 1719-03-5 | Chrysene-d12 | 362556 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 424263 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 25000 | J | | | 5.887 | |
| | unknown-01 | 10000 | J | | | 6.357 | |
| | (DEL) Alkane: Straight-Chain6.428 | 9200 | J | | | 6.428 | |
| | (DEL) Alkane: Cyclic6.510 | 9900 | J | | | 6.51 | |
| | (DEL) Alkane: Straight-Chain6.857 | 24000 | J | | | 6.857 | |
| | (DEL) Alkane: Straight-Chain6.915 | 17000 | J | | | 6.915 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 16000 | J | | | 6.956 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 9400 | J | | | 7.086 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 11000 | J | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 11000 | J | | | 7.291 | |
| | (DEL) Alkane: Straight-Chain7.497 | 110000 | J | | | 7.497 | |
| | (DEL) Alkane: Straight-Chain7.785 | 12000 | J | | | 7.785 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 44000 | J | | | 7.926 | |
| 000108-67-8 | Mesitylene | 12000 | J | | | 7.979 | |
| 1000249-77-4 | 1,1-Hexylenedioxybutane | 25000 | J | | | 8.079 | |
| | (DEL) Alkane: Cyclic8.149 | 11000 | J | | | 8.149 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 16000 | J | | | 8.284 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.396 | 20000 | J | | | 8.396 | |
| | (DEL) Alkane: Straight-Chain8.455 | 9200 | J | | | 8.455 | |
| 000135-01-3 | Benzene, 1,2-diethyl- | 16000 | J | | | 8.502 | |
| | (DEL) Alkane: Straight-Chain8.625 | 17000 | J | | | 8.625 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 15000 | J | | | 8.66 | |
| 000099-87-6 | p-Cymene | 9600 | J | | | 8.813 | |
| 000527-84-4 | o-Cymene | 13000 | J | | | 8.86 | |
| | (DEL) Alkane: Straight-Chain9.095 | 80000 | J | | | 9.095 | |
| 002096-86-8 | 4-Methylphenyl acetone | 25000 | J | | | 9.213 | |
| | (DEL) Alkane: Straight-Chain9.794 | 5100 | J | | | 9.794 | |
| | (DEL) Alkane: Straight-Chain10.000 | 2900 | J | | | 10 | |
| | (DEL) Alkane: Straight-Chain10.082 | 5100 | J | | | 10.082 | |
| | unknown-02 | 14000 | J | | | 11.028 | |
| 1000365-51-8 | 4-Methyl-3-heptanol, trifluoroacet | 7300 | J | | | 11.157 | |
| | (DEL) Alkane: Straight-Chain11.569 | 3800 | J | | | 11.569 | |
| | (DEL) Alkane: Cyclic11.915 | 9400 | J | | | 11.915 | |
| | (DEL) Alkane: Straight-Chain12.080 | 9900 | J | | | 12.08 | |
| | (DEL) Alkane: Straight-Chain12.897 | 12000 | J | | | 12.897 | |
| | (DEL) Alkane: Straight-Chain13.032 | 12000 | J | | | 13.032 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl e | 11000 | J | | | 13.449 | |
| | unknown-03 | 13000 | J | | | 13.543 | |
| 000581-42-0 | Naphthalene, 2,6-dimethyl- | 23000 | J | | | 13.672 | |
| 000109-21-7 | Butanoic acid, butyl ester | 15000 | J | | | 13.754 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 19000 | J | | | 13.813 | |
| 025103-09-7 | Isooctyl mercaptoacetate | 23000 | J | | | 13.983 | |
| | (DEL) Alkane: Straight-Chain14.395 | 40000 | J | | | 14.395 | |
| | unknown-04 | 17000 | J | | | 14.565 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 9800 | J | | | 14.894 | |
| | unknown-05 | 13000 | J | | | 15.024 | |
| | (DEL) Alkane: Straight-Chain15.352 | 41000 | J | | | 15.352 | |

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| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062907.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.758 | 23000 | J | | | 15.758 | |
| | (DEL) Alkane: Straight-Chain15.852 | 12000 | J | | | 15.852 | |
| | (DEL) Alkane: Straight-Chain16.210 | 43000 | J | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.003 | 37000 | J | | | 17.003 | |
| | (DEL) Alkane: Straight-Chain17.056 | 25000 | J | | | 17.056 | |
| 1000309-17-8 | Sulfurous acid, butyl undecyl este | 9500 | J | | | 17.532 | |
| 013187-99-0 | 2-Bromo dodecane | 28000 | J | | | 17.744 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 18000 | J | | | 17.914 | |
| | (DEL) Alkane: Straight-Chain18.437 | 23000 | J | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.072 | 15000 | J | | | 19.072 | |
| | (DEL) Alkane: Straight-Chain20.182 | 11000 | J | | | 20.182 | |
| 066563-30-2 | Bacchotricuneatin c | 34000 | J | | | 21.163 | |
| | (DEL) Alkane: Straight-Chain21.686 | 9500 | J | | | 21.686 | |
| 000112-80-1 | Oleic Acid | 17000 | J | | | 22.145 | |
| | (DEL) Alkane: Straight-Chain22.262 | 14000 | J | | | 22.262 | |
| E966796 | Total Alkanes | 700000 | | | | 99 | ug/Kg |

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 240 | 2500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6100 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6100 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 720 | U | 720 | 1600 | 6100 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 920 | U | 920 | 1600 | 6100 | ug/Kg |
| 91-20-3 | Naphthalene | 690 | U | 690 | 1600 | 6100 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 105-60-2 | Caprolactam | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1500 | J | 760 | 1600 | 6100 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 2600 | J | 930 | 1600 | 6100 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2000 | U | 2000 | 1600 | 6100 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 960 | U | 960 | 1600 | 6100 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4400 | U | 4400 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2000 | U | 2000 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 960 | U | 960 | 1600 | 6100 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1600 | 6100 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1600 | 6100 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 250000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 850 | U | 850 | 1600 | 6100 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 120-12-7 | Anthracene | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 206-44-0 | Fluoranthene | 740 | U | 740 | 3000 | 6100 | ug/Kg |

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 760 | U | 760 | 1600 | 6100 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 640 | U | 640 | 1600 | 6100 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 218-01-9 | Chrysene | 800 | U | 800 | 1600 | 6100 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 19000 | | 2200 | 1600 | 6100 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.27 | | 15-120 | | 28 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 9.47 | | 20-120 | | 24 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 14.793 | | 10-130 | | 37 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 15.643 | | 10-150 | | 39 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 14.412 | | 15-120 | | 36 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.865 | | 10-140 | | 40 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.281 | | 10-135 | | 41 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 16.715 | | 10-120 | | 42 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 15.627 | | 10-140 | | 39 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 16.021 | | 1-145 | | 40 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 17.964 | | 10-145 | | 45 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 17.602 | | 15-120 | | 44 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 14.083 | | 10-150 | | 35 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.539 | | 20-140 | | 46 | SPK: -40 |

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 15.283 | | 10-130 | | 38 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.33 | | 10-150 | | 46 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 18.191 | | 10-130 | | 45 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 18.626 | | 10-140 | | 47 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 48771 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 202953 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 154892 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 362413 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 366381 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 422676 | 24.522 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.891 | 7300 | J | | | 5.891 | |
| 000107-41-5 | Hexylene glycol | 9600 | J | | | 6.173 | |
| | (DEL) Alkane: Straight-Chain6.361 | 3500 | J | | | 6.361 | |
| | (DEL) Alkane: Straight-Chain6.425 | 2600 | J | | | 6.425 | |
| | (DEL) Alkane: Cyclic6.502 | 3700 | J | | | 6.502 | |
| | unknown-01 | 2500 | J | | | 6.766 | |
| | (DEL) Alkane: Straight-Chain6.854 | 5200 | J | | | 6.854 | |
| | (DEL) Alkane: Straight-Chain6.913 | 5200 | J | | | 6.913 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 4600 | J | | | 6.954 | |
| 000108-67-8 | Mesitylene | 3000 | J | | | 7.083 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 2800 | J | | | 7.248 | |
| 054699-41-1 | 2-Nonanone, 9-[(tetrahydro-2H-pyra | 3000 | J | | | 7.289 | |
| | (DEL) Alkane: Straight-Chain7.489 | 33000 | J | | | 7.489 | |
| 058175-57-8 | 2-Propyl-1-pentanol | 14000 | J | | | 7.918 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 3700 | J | | | 7.976 | |
| | unknown-02 | 2700 | J | | | 8.147 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 4600 | J | | | 8.282 | |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.394 | 5600 | J | | | 8.394 | |
| 1000282-41-4 | Methoxyacetic acid, 2-ethylhexyl e | 2700 | J | | | 8.452 | |
| 018368-95-1 | 1,3,8-p-Menthatriene | 5600 | J | | | 8.499 | |
| | (DEL) Alkane: Straight-Chain8.623 | 4500 | J | | | 8.623 | |
| 001074-43-7 | Benzene, 1-methyl-3-propyl- | 4500 | J | | | 8.658 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 3200 | J | | | 8.811 | |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 3800 | J | | | 8.858 | |
| 1000382-90-9 | Carbonic acid, prop-1-en-2-yl tetr | 25000 | J | | | 9.087 | |
| | unknown-03 | 6900 | J | | | 9.21 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 7000 | J | | | 11.02 | |
| | (DEL) Alkane: Straight-Chain11.149 | 3500 | J | | | 11.149 | |
| 000590-67-0 | Cyclohexanol, 1-methyl- | 3200 | J | | | 11.672 | |
| 014679-13-1 | Benzene, 1,3,5-trimethyl-2-(1-meth | 2800 | J | | | 11.743 | |
| 1000484-18-1 | 1,3-Hexanediol, 2-ethyl- (isomer 2) | 3600 | J | | | 11.913 | |
| | (DEL) Alkane: Straight-Chain12.072 | 5600 | J | | | 12.072 | |
| | unknown-04 | 3500 | J | | | 12.107 | |
| | (DEL) Alkane: Straight-Chain13.317 | 6600 | J | | | 13.317 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 3400 | J | | | 13.67 | |
| 000569-41-5 | Naphthalene, 1,8-dimethyl- | 3700 | J | | | 13.811 | |
| | (DEL) Alkane: Straight-Chain14.392 | 7700 | J | | | 14.392 | |
| | unknown-05 | 2900 | J | | | 14.569 | |
| 002131-42-2 | Naphthalene, 1,4,6-trimethyl- | 2600 | J | | | 15.25 | |
| | (DEL) Alkane: Straight-Chain15.344 | 6000 | J | | | 15.344 | |
| 000119-61-9 | Benzophenone | 4900 | J | | | 15.85 | |
| | (DEL) Alkane: Straight-Chain16.208 | 5800 | J | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.001 | 4800 | J | | | 17.001 | |
| | (DEL) Alkane: Straight-Chain17.054 | 2700 | J | | | 17.054 | |
| | (DEL) Alkane: Straight-Chain17.741 | 4000 | J | | | 17.741 | |
| | (DEL) Alkane: Straight-Chain18.435 | 3100 | J | | | 18.435 | |
| | (DEL) Alkane: Straight-Chain19.069 | 4400 | J | | | 19.069 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062908.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1000406-38-6 | Hexadecyl octyl ether | 7700 | J | | | 21.161 | |
| | unknown-06 | 2700 | J | | | 22.142 | |
| E966796 | Total Alkanes | 120000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4100 | U | 4100 | 5700 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2900 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1500 | 5800 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1500 | 5800 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5800 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5800 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 680 | U | 680 | 1500 | 5800 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 870 | U | 870 | 1500 | 5800 | ug/Kg |
| 91-20-3 | Naphthalene | 11000 | | 650 | 1500 | 5800 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5800 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5800 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 13000 | | 720 | 1500 | 5800 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 21000 | | 880 | 1500 | 5800 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2900 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5800 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1900 | J | 1100 | 1500 | 5800 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 990 | U | 990 | 1500 | 5800 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 5800 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 950 | U | 950 | 1500 | 5800 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1500 | 5800 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 900 | U | 900 | 1500 | 5800 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4200 | U | 4200 | 2900 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 2900 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 900 | U | 900 | 1500 | 5800 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5800 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2900 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1500 | 5800 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5800 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 5800 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 2000000 | E | 3800 | 2900 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 3500 | J | 800 | 1500 | 5800 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1500 | 5800 | ug/Kg |
| 120-12-7 | Anthracene | 660 | U | 660 | 1500 | 5800 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 5800 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2900 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 990 | U | 990 | 1500 | 5800 | ug/Kg |
| 206-44-0 | Fluoranthene | 700 | U | 700 | 2900 | 5800 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 720 | U | 720 | 1500 | 5800 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 600 | U | 600 | 1500 | 5800 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 890 | U | 890 | 1500 | 5800 | ug/Kg |
| 218-01-9 | Chrysene | 750 | U | 750 | 1500 | 5800 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 660 | U | 660 | 1500 | 5800 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 970 | U | 970 | 1500 | 5800 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 890 | U | 890 | 1500 | 5800 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 140000 | E | 2100 | 1500 | 5800 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.438 | | 15-120 | | 43 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.006 | | 20-120 | | 40 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.811 | | 10-130 | | 47 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.118 | | 10-150 | | 53 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.725 | | 15-120 | | 49 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 20.133 | | 10-140 | | 50 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.957 | | 10-135 | | 55 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.368 | | 10-120 | | 56 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.763 | | 10-140 | | 52 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 21.09 | | 1-145 | | 53 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.723 | | 10-145 | | 52 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.144 | | 15-120 | | 53 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 19.708 | | 10-150 | | 49 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 20.678 | | 20-140 | | 52 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.123 | | 10-130 | | 45 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 20.839 | | 10-150 | | 52 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.418 | | 10-130 | | 51 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 21.808 | | 10-140 | | 55 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 50803 | 7.861 | | | | |
| 1146-65-2 | Naphthalene-d8 | 198249 | 10.652 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 157578 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 355300 | 17.25 | | | | |
| 1719-03-5 | Chrysene-d12 | 359587 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 404557 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 32000 | J | | | 5.887 | |
| | unknown-01 | 11000 | J | | | 6.357 | |
| | (DEL) Alkane: Straight-Chain6.428 | 11000 | J | | | 6.428 | |
| | (DEL) Alkane: Cyclic6.504 | 13000 | J | | | 6.504 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl e | 7800 | J | | | 6.68 | |
| | (DEL) Alkane: Straight-Chain6.763 | 8600 | J | | | 6.763 | |
| | (DEL) Alkane: Straight-Chain6.862 | 25000 | J | | | 6.862 | |
| | (DEL) Alkane: Straight-Chain6.915 | 16000 | J | | | 6.915 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 16000 | J | | | 6.957 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 11000 | J | | | 7.086 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 12000 | J | | | 7.25 | |
| 1000382-54-2 | Carbonic acid, hexyl prop-1-en-2-y | 10000 | J | | | 7.291 | |
| | (DEL) Alkane: Straight-Chain7.497 | 110000 | J | | | 7.497 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 48000 | J | | | 7.926 | |
| 000108-67-8 | Mesitylene | 13000 | J | | | 7.979 | |
| 1010309-30-7 | Oxalic acid, cyclohexyl isohexyl e | 23000 | J | | | 8.079 | |
| | (DEL) Alkane: Cyclic8.149 | 11000 | J | | | 8.149 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 15000 | J | | | 8.284 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 10000 | J | | | 8.343 | |
| | (DEL) Alkane: Straight-Chain8.396 | 24000 | J | | | 8.396 | |
| | (DEL) Alkane: Straight-Chain8.455 | 9800 | J | | | 8.455 | |
| | (DEL) Alkane: Straight-Chain8.625 | 16000 | J | | | 8.625 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 13000 | J | | | 8.66 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 9600 | J | | | 8.813 | |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl- | 12000 | J | | | 8.86 | |
| | (DEL) Alkane: Straight-Chain9.095 | 81000 | J | | | 9.095 | |
| 016251-77-7 | Benzenepropanal, .beta.-methyl- | 23000 | J | | | 9.213 | |
| | (DEL) Alkane: Cyclic9.794 | 4500 | J | | | 9.794 | |
| | (DEL) Alkane: Straight-Chain9.935 | 3300 | J | | | 9.935 | |
| | (DEL) Alkane: Straight-Chain10.000 | 2700 | J | | | 10 | |
| | (DEL) Alkane: Straight-Chain10.082 | 4700 | J | | | 10.082 | |
| | (DEL) Alkane: Straight-Chain10.341 | 3200 | J | | | 10.341 | |
| | (DEL) Alkane: Straight-Chain11.028 | 13000 | J | | | 11.028 | |
| | (DEL) Alkane: Straight-Chain11.158 | 6200 | J | | | 11.158 | |
| | (DEL) Alkane: Straight-Chain11.569 | 2900 | J | | | 11.569 | |
| 014679-13-1 | Benzene, 1,3,5-trimethyl-2-(1-meth | 7000 | J | | | 11.745 | |
| | (DEL) Alkane: Cyclic11.915 | 8900 | J | | | 11.915 | |
| | (DEL) Alkane: Straight-Chain12.080 | 9000 | J | | | 12.08 | |
| | unknown-02 | 6900 | J | | | 12.109 | |
| 000097-85-8 | Propanoic acid, 2-methyl-, 2-methy | 16000 | J | | | 12.903 | |
| | (DEL) Alkane: Straight-Chain13.032 | 14000 | J | | | 13.032 | |
| 000077-68-9 | Propanoic acid, 2-methyl-, 3-hydro | 16000 | J | | | 13.237 | |
| 000109-21-7 | Butanoic acid, butyl ester | 16000 | J | | | 13.449 | |
| | unknown-03 | 13000 | J | | | 13.543 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 21000 | J | | | 13.672 | |
| 030757-96-1 | 1,2-Dimethylaziridine | 23000 | J | | | 13.754 | |
| 000571-61-9 | Naphthalene, 1,5-dimethyl- | 12000 | J | | | 13.819 | |

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# Report of Analysis

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| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062909.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain13.984 | 26000 | J | | | 13.984 | |
| | (DEL) Alkane: Straight-Chain14.401 | 64000 | J | | | 14.401 | |
| | unknown-04 | 20000 | J | | | 14.565 | |
| 004948-51-0 | 9-Methyl-S-octahydroanthracene | 28000 | J | | | 14.636 | |
| | (DEL) Alkane: Straight-Chain15.018 | 13000 | J | | | 15.018 | |
| 000941-81-1 | 4,6,8-Trimethylazulene | 32000 | J | | | 15.253 | |
| | (DEL) Alkane: Straight-Chain15.347 | 48000 | J | | | 15.347 | |
| | (DEL) Alkane: Straight-Chain15.758 | 21000 | J | | | 15.758 | |
| | unknown-05 | 15000 | J | | | 15.852 | |
| | (DEL) Alkane: Straight-Chain16.210 | 33000 | J | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.004 | 29000 | J | | | 17.004 | |
| | (DEL) Alkane: Straight-Chain17.056 | 21000 | J | | | 17.056 | |
| 187328-55-8 | 9,9-Dimethyl-9-sila-9,10-dihydroph | 12000 | J | | | 17.532 | |
| | (DEL) Alkane: Straight-Chain17.744 | 22000 | J | | | 17.744 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 13000 | J | | | 17.914 | |
| | (DEL) Alkane: Straight-Chain18.437 | 16000 | J | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.072 | 11000 | J | | | 19.072 | |
| | (DEL) Alkane: Straight-Chain20.182 | 11000 | J | | | 20.182 | |
| | (DEL) Alkane: Straight-Chain21.163 | 26000 | J | | | 21.163 | |
| | (DEL) Alkane: Straight-Chain21.686 | 9500 | J | | | 21.686 | |
| | (DEL) Alkane: Straight-Chain22.145 | 12000 | J | | | 22.145 | |
| | (DEL) Alkane: Straight-Chain22.262 | 12000 | J | | | 22.262 | |
| E966796 | Total Alkanes | 800000 | | | | 99 | ug/Kg |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 220 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 110-86-1 | Pyridine | 4000 | U | 4000 | 5600 | 11000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2800 | 11000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1400 | 5700 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1400 | 5700 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1900 | U | 1900 | 1400 | 5700 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2000 | U | 2000 | 1400 | 5700 | ug/Kg |
| 78-59-1 | Isophorone | 1200 | U | 1200 | 1400 | 5700 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 990 | U | 990 | 1400 | 5700 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 670 | U | 670 | 1400 | 5700 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 850 | U | 850 | 1400 | 5700 | ug/Kg |
| 91-20-3 | Naphthalene | 3200 | J | 640 | 1400 | 5700 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1400 | 11000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1400 | 5700 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1200 | U | 1200 | 1400 | 5700 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4800 | J | 700 | 1400 | 5700 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 8200 | | 860 | 1400 | 5700 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2800 | 11000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1400 | 5700 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1000 | U | 1000 | 1400 | 5700 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 960 | U | 960 | 1400 | 5700 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1800 | U | 1800 | 1400 | 5700 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 930 | U | 930 | 1400 | 5700 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1400 | 5700 | ug/Kg |
| 208-96-8 | Acenaphthylene | 990 | U | 990 | 1400 | 5700 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 83-32-9 | Acenaphthene | 890 | U | 890 | 1400 | 5700 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4100 | U | 4100 | 2800 | 11000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1800 | U | 1800 | 2800 | 11000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 890 | U | 890 | 1400 | 5700 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1900 | U | 1900 | 1400 | 5700 | ug/Kg |
| 86-73-7 | Fluorene | 1900 | U | 1900 | 1400 | 5700 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1400 | 5700 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2800 | U | 2800 | 2800 | 11000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1400 | 5700 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1400 | 5700 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1400 | 5700 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2500 | U | 2500 | 1400 | 5700 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 620000 | E | 3700 | 2800 | 11000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1800 | J | 780 | 1400 | 5700 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1400 | 5700 | ug/Kg |
| 120-12-7 | Anthracene | 650 | U | 650 | 1400 | 5700 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2500 | U | 2500 | 1400 | 5700 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2800 | 11000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 960 | U | 960 | 1400 | 5700 | ug/Kg |
| 206-44-0 | Fluoranthene | 680 | U | 680 | 2800 | 5700 | ug/Kg |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 700 | U | 700 | 1400 | 5700 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 590 | U | 590 | 1400 | 5700 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 870 | U | 870 | 1400 | 5700 | ug/Kg |
| 218-01-9 | Chrysene | 740 | U | 740 | 1400 | 5700 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 650 | U | 650 | 1400 | 5700 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 950 | U | 950 | 1400 | 5700 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1400 | 5700 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 870 | U | 870 | 1400 | 5700 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1400 | 5700 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 47000 | | 2000 | 1400 | 5700 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.658 | | 15-120 | | 33 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 8.056 | | 20-120 | | 20 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 20.401 | | 10-130 | | 51 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 22.17 | | 10-150 | | 55 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.075 | | 15-120 | | 50 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.062 | | 10-140 | | 53 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.39 | | 10-135 | | 53 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.534 | | 10-120 | | 54 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.605 | | 10-140 | | 49 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.767 | | 1-145 | | 47 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.633 | | 10-145 | | 52 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.859 | | 15-120 | | 55 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 18.49 | | 10-150 | | 46 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.668 | | 20-140 | | 54 | SPK: -40 |

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| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 19.142 | | 10-130 | | 48 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.175 | | 10-150 | | 55 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 21.611 | | 10-130 | | 54 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.507 | | 10-140 | | 56 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43663 | 7.86 | | | | |
| 1146-65-2 | Naphthalene-d8 | 189205 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 146793 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 326974 | 17.243 | | | | |
| 1719-03-5 | Chrysene-d12 | 330345 | 21.491 | | | | |
| 1520-96-3 | Perylene-d12 | 387424 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000107-92-6 | Butanoic acid | 6200 | J | | | 4.005 | |
| | (DEL) Alkane: Straight-Chain5.886 | 12000 | J | | | 5.886 | |
| | (DEL) Alkane: Straight-Chain6.356 | 5900 | J | | | 6.356 | |
| | (DEL) Alkane: Straight-Chain6.426 | 5500 | J | | | 6.426 | |
| | (DEL) Alkane: Cyclic6.503 | 6400 | J | | | 6.503 | |
| | (DEL) Alkane: Straight-Chain6.855 | 9700 | J | | | 6.855 | |
| | (DEL) Alkane: Straight-Chain6.914 | 10000 | J | | | 6.914 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 10000 | J | | | 6.955 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 6500 | J | | | 7.084 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 7200 | J | | | 7.249 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 8100 | J | | | 7.284 | |
| | (DEL) Alkane: Straight-Chain7.490 | 67000 | J | | | 7.49 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 20000 | J | | | 7.919 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 8500 | J | | | 7.971 | |
| 1000342-70-4 | 1-Octadecanesulphonyl chloride | 5400 | J | | | 8.054 | |
| 1000469-75-6 | 1-(Cyclohexylcarbonyl)-4-piperidin | 6300 | J | | | 8.148 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 10000 | J | | | 8.277 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000105-05-5 | Benzene, 1,4-diethyl- | 7400 | J | | | 8.342 | |
| | unknown-01 | 16000 | J | | | 8.394 | |
| | (DEL) Alkane: Straight-Chain8.447 | 7300 | J | | | 8.447 | |
| | (DEL) Alkane: Straight-Chain8.624 | 11000 | J | | | 8.624 | |
| 002783-26-8 | 2-Tolyloxirane | 8800 | J | | | 8.659 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 6300 | J | | | 8.806 | |
| 000874-41-9 | Benzene, 1-ethyl-2,4-dimethyl- | 8400 | J | | | 8.859 | |
| | (DEL) Alkane: Straight-Chain9.088 | 52000 | J | | | 9.088 | |
| 002719-52-0 | Benzene, (1-methylbutyl)- | 13000 | J | | | 9.205 | |
| | (DEL) Alkane: Straight-Chain9.646 | 2300 | J | | | 9.646 | |
| | (DEL) Alkane: Straight-Chain9.787 | 2700 | J | | | 9.787 | |
| 1000309-38-8 | Oxalic acid, 2-ethylhexyl isohexyl | 4000 | J | | | 9.934 | |
| | (DEL) Alkane: Straight-Chain11.027 | 11000 | J | | | 11.027 | |
| | unknown-02 | 4800 | J | | | 11.15 | |
| | (DEL) Alkane: Straight-Chain11.561 | 2900 | J | | | 11.561 | |
| 001517-96-0 | 3-Methyl-isoxazol-5(4H)-one | 5100 | J | | | 11.673 | |
| | (DEL) Alkane: Straight-Chain11.908 | 4900 | J | | | 11.908 | |
| | (DEL) Alkane: Straight-Chain12.073 | 7400 | J | | | 12.073 | |
| | unknown-03 | 4300 | J | | | 12.108 | |
| | (DEL) Alkane: Straight-Chain13.030 | 4100 | J | | | 13.03 | |
| | (DEL) Alkane: Straight-Chain13.318 | 16000 | J | | | 13.318 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 9600 | J | | | 13.665 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 9400 | J | | | 13.812 | |
| | (DEL) Alkane: Straight-Chain13.976 | 7500 | J | | | 13.976 | |
| | (DEL) Alkane: Straight-Chain14.393 | 17000 | J | | | 14.393 | |
| | (DEL) Alkane: Cyclic14.575 | 6000 | J | | | 14.575 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 4800 | J | | | 14.893 | |
| | (DEL) Alkane: Straight-Chain15.016 | 6200 | J | | | 15.016 | |
| | unknown-04 | 4100 | J | | | 15.275 | |
| | (DEL) Alkane: Straight-Chain15.345 | 16000 | J | | | 15.345 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062910.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.756 | 9700 | J | | | 15.756 | |
| | unknown-05 | 6400 | J | | | 15.85 | |
| | unknown-06 | 5000 | J | | | 15.968 | |
| 004292-19-7 | Dodecane, 1-iodo- | 18000 | J | | | 16.209 | |
| | (DEL) Alkane: Straight-Chain16.550 | 5400 | J | | | 16.55 | |
| | (DEL) Alkane: Straight-Chain17.002 | 15000 | J | | | 17.002 | |
| | (DEL) Alkane: Straight-Chain17.055 | 7500 | J | | | 17.055 | |
| | (DEL) Alkane: Straight-Chain17.742 | 13000 | J | | | 17.742 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 4800 | J | | | 17.913 | |
| | (DEL) Alkane: Straight-Chain18.436 | 9900 | J | | | 18.436 | |
| | (DEL) Alkane: Straight-Chain19.070 | 12000 | J | | | 19.07 | |
| | (DEL) Alkane: Straight-Chain20.181 | 4800 | J | | | 20.181 | |
| | (DEL) Alkane: Straight-Chain20.674 | 3700 | J | | | 20.674 | |
| 1000383-13-7 | Carbonic acid, decyl 2-ethylhexyl | 19000 | J | | | 21.168 | |
| | (DEL) Alkane: Straight-Chain21.685 | 4000 | J | | | 21.685 | |
| 000142-57-4 | 9-Octadecenoic acid (Z)-, pentyl e | 9300 | J | | | 22.143 | |
| | (DEL) Alkane: Straight-Chain22.266 | 6700 | J | | | 22.266 | |
| E966796 | Total Alkanes | 380000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BL | | | 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 |
|---|---|---|---|---|
| BG062912.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BL | | | 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 |
|---|---|---|---|---|
| BG062912.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BL | | | 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 |
|---|---|---|---|---|
| BG062912.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.852 | | 15-120 | | 48 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 20.363 | | 20-120 | | 51 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.759 | | 10-130 | | 57 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.899 | | 25-120 | | 60 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.261 | | 20-130 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 22.994 | | 25-125 | | 57 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.469 | | 20-125 | | 59 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.983 | | 20-130 | | 57 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.384 | | 20-120 | | 53 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.293 | | 1-146 | | 56 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.805 | | 25-130 | | 60 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.73 | | 10-130 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.637 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.927 | | 25-125 | | 57 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BL | | | 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 |
|---|---|---|---|---|
| BG062912.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.179 | | 10-130 | | 50 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.972 | | 25-130 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.112 | | 15-130 | | 58 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.661 | | 20-130 | | 59 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55822 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 241848 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 190967 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 456562 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 459802 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 518453 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC-BLANK | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 10 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 |
|---|---|---|---|---|
| BG062913.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163422 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 81 | U | 81 | 19.8 | 200 | ug/Kg |
| 100-52-7 | Benzaldehyde | 170 | U | 170 | 250 | 990 | ug/Kg |
| 110-86-1 | Pyridine | 230 | U | 230 | 500 | 990 | ug/Kg |
| 108-95-2 | Phenol | 90 | U | 90 | 250 | 990 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 87 | U | 87 | 250 | 990 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 84 | U | 84 | 130 | 510 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 93 | U | 93 | 250 | 990 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 120 | U | 120 | 250 | 990 | ug/Kg |
| 98-86-2 | Acetophenone | 200 | U | 200 | 250 | 990 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 160 | U | 160 | 250 | 990 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 240 | U | 240 | 130 | 510 | ug/Kg |
| 67-72-1 | Hexachloroethane | 180 | U | 180 | 130 | 510 | ug/Kg |
| 98-95-3 | Nitrobenzene | 190 | U | 190 | 130 | 510 | ug/Kg |
| 78-59-1 | Isophorone | 200 | U | 200 | 130 | 510 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 180 | U | 180 | 130 | 510 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 96 | U | 96 | 130 | 510 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 140 | U | 140 | 130 | 510 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 110 | U | 110 | 130 | 510 | ug/Kg |
| 91-20-3 | Naphthalene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 110 | U | 110 | 130 | 990 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 105-60-2 | Caprolactam | 190 | U | 190 | 250 | 990 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 120 | U | 120 | 130 | 510 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 96 | U | 96 | 130 | 510 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 290 | U | 290 | 250 | 990 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 72 | U | 72 | 130 | 510 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 99 | U | 99 | 130 | 510 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC-BLANK | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-05 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 10 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 |
|---|---|---|---|---|
| BG062913.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163422 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 78 | U | 78 | 130 | 510 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 99 | U | 99 | 130 | 510 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 140 | U | 140 | 130 | 510 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 90 | U | 90 | 130 | 510 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 60 | U | 60 | 130 | 510 | ug/Kg |
| 208-96-8 | Acenaphthylene | 87 | U | 87 | 130 | 510 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 200 | U | 200 | 250 | 990 | ug/Kg |
| 83-32-9 | Acenaphthene | 78 | U | 78 | 130 | 510 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 390 | U | 390 | 250 | 990 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 250 | 990 | ug/Kg |
| 132-64-9 | Dibenzofuran | 81 | U | 81 | 130 | 510 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 84-66-2 | Diethylphthalate | 99 | U | 99 | 130 | 510 | ug/Kg |
| 86-73-7 | Fluorene | 81 | U | 81 | 130 | 510 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 60 | U | 60 | 130 | 510 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 72 | U | 72 | 250 | 990 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 110 | U | 110 | 250 | 990 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 72 | U | 72 | 130 | 510 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 100 | U | 100 | 130 | 510 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 78 | U | 78 | 130 | 510 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 84 | U | 84 | 130 | 510 | ug/Kg |
| 1912-24-9 | Atrazine | 84 | U | 84 | 250 | 990 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 260 | U | 260 | 250 | 990 | ug/Kg |
| 85-01-8 | Phenanthrene | 81 | U | 81 | 130 | 510 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 120-12-7 | Anthracene | 75 | U | 75 | 130 | 510 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 51 | U | 51 | 130 | 510 | ug/Kg |
| 86-74-8 | Carbazole | 100 | U | 100 | 250 | 990 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 81 | U | 81 | 130 | 510 | ug/Kg |
| 206-44-0 | Fluoranthene | 57 | U | 57 | 250 | 510 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC-BLANK | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-05 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 10 | 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 |
|---|---|---|---|---|
| BG062913.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163422 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 54 | U | 54 | 130 | 510 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 66 | U | 66 | 130 | 510 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 160 | U | 160 | 250 | 990 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 69 | U | 69 | 130 | 510 | ug/Kg |
| 218-01-9 | Chrysene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 75 | U | 75 | 130 | 510 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 140 | U | 140 | 250 | 990 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 93 | U | 93 | 130 | 510 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 84 | U | 84 | 130 | 510 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 78 | U | 78 | 130 | 510 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 96 | U | 96 | 130 | 510 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 110 | U | 110 | 130 | 510 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.34 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 15-120 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 10-135 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 10-120 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 10-145 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 15-120 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 20-140 | | 0 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC-BLANK | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-05 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 10 | 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 |
|---|---|---|---|---|
| BG062913.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163422 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 10-140 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 44332 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 185523 | 10.649 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 152313 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 360066 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 376930 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 419566 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 78 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC2-BLANK | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-10 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 10 | 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 |
|---|---|---|---|---|
| BG062914.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163423 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 81 | U | 81 | 19.8 | 200 | ug/Kg |
| 100-52-7 | Benzaldehyde | 170 | U | 170 | 250 | 990 | ug/Kg |
| 110-86-1 | Pyridine | 230 | U | 230 | 500 | 990 | ug/Kg |
| 108-95-2 | Phenol | 90 | U | 90 | 250 | 990 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 87 | U | 87 | 250 | 990 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 84 | U | 84 | 130 | 510 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 93 | U | 93 | 250 | 990 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 120 | U | 120 | 250 | 990 | ug/Kg |
| 98-86-2 | Acetophenone | 200 | U | 200 | 250 | 990 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 160 | U | 160 | 250 | 990 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 240 | U | 240 | 130 | 510 | ug/Kg |
| 67-72-1 | Hexachloroethane | 180 | U | 180 | 130 | 510 | ug/Kg |
| 98-95-3 | Nitrobenzene | 190 | U | 190 | 130 | 510 | ug/Kg |
| 78-59-1 | Isophorone | 200 | U | 200 | 130 | 510 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 180 | U | 180 | 130 | 510 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 96 | U | 96 | 130 | 510 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 140 | U | 140 | 130 | 510 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 110 | U | 110 | 130 | 510 | ug/Kg |
| 91-20-3 | Naphthalene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 110 | U | 110 | 130 | 990 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 105-60-2 | Caprolactam | 190 | U | 190 | 250 | 990 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 120 | U | 120 | 130 | 510 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 96 | U | 96 | 130 | 510 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 290 | U | 290 | 250 | 990 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 72 | U | 72 | 130 | 510 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 99 | U | 99 | 130 | 510 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC2-BLANK | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-10 | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | % Moisture: | 0 |
| Sample Wt/Vol: | 10 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 |
|---|---|---|---|---|
| BG062914.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163423 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 78 | U | 78 | 130 | 510 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 99 | U | 99 | 130 | 510 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 140 | U | 140 | 130 | 510 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 90 | U | 90 | 130 | 510 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 60 | U | 60 | 130 | 510 | ug/Kg |
| 208-96-8 | Acenaphthylene | 87 | U | 87 | 130 | 510 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 200 | U | 200 | 250 | 990 | ug/Kg |
| 83-32-9 | Acenaphthene | 78 | U | 78 | 130 | 510 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 390 | U | 390 | 250 | 990 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 250 | 990 | ug/Kg |
| 132-64-9 | Dibenzofuran | 81 | U | 81 | 130 | 510 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 84-66-2 | Diethylphthalate | 99 | U | 99 | 130 | 510 | ug/Kg |
| 86-73-7 | Fluorene | 81 | U | 81 | 130 | 510 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 60 | U | 60 | 130 | 510 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 72 | U | 72 | 250 | 990 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 110 | U | 110 | 250 | 990 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 72 | U | 72 | 130 | 510 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 100 | U | 100 | 130 | 510 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 78 | U | 78 | 130 | 510 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 84 | U | 84 | 130 | 510 | ug/Kg |
| 1912-24-9 | Atrazine | 84 | U | 84 | 250 | 990 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 260 | U | 260 | 250 | 990 | ug/Kg |
| 85-01-8 | Phenanthrene | 81 | U | 81 | 130 | 510 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 120-12-7 | Anthracene | 75 | U | 75 | 130 | 510 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 51 | U | 51 | 130 | 510 | ug/Kg |
| 86-74-8 | Carbazole | 100 | U | 100 | 250 | 990 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 81 | U | 81 | 130 | 510 | ug/Kg |
| 206-44-0 | Fluoranthene | 57 | U | 57 | 250 | 510 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC2-BLANK | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-10 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 10 | 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 |
|---|---|---|---|---|
| BG062914.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163423 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 54 | U | 54 | 130 | 510 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 66 | U | 66 | 130 | 510 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 160 | U | 160 | 250 | 990 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 69 | U | 69 | 130 | 510 | ug/Kg |
| 218-01-9 | Chrysene | 72 | U | 72 | 130 | 510 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 75 | U | 75 | 130 | 510 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 140 | U | 140 | 250 | 990 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 110 | U | 110 | 130 | 510 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 93 | U | 93 | 130 | 510 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 84 | U | 84 | 130 | 510 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 78 | U | 78 | 130 | 510 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 96 | U | 96 | 130 | 510 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 110 | U | 110 | 130 | 510 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.34 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 15-120 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 10-135 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 10-120 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 10-145 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 15-120 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 20-140 | | 0 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SVOC-GPC2-BLANK | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3996-10 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 10 | 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 |
|---|---|---|---|---|
| BG062914.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163423 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 10-140 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45918 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 194508 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 156578 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 383727 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 398165 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 458550 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 78 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6000 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6100 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 720 | U | 720 | 1600 | 6100 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 910 | U | 910 | 1600 | 6100 | ug/Kg |
| 91-20-3 | Naphthalene | 1500 | J | 680 | 1600 | 6100 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 2000 | J | 760 | 1600 | 6100 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 3500 | J | 930 | 1600 | 6100 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2000 | U | 2000 | 1600 | 6100 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 950 | U | 950 | 1600 | 6100 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4400 | U | 4400 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2000 | U | 2000 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 950 | U | 950 | 1600 | 6100 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1600 | 6100 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1600 | 6100 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 290000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 840 | U | 840 | 1600 | 6100 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 120-12-7 | Anthracene | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 206-44-0 | Fluoranthene | 730 | U | 730 | 3000 | 6100 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 760 | U | 760 | 1600 | 6100 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 630 | U | 630 | 1600 | 6100 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 218-01-9 | Chrysene | 790 | U | 790 | 1600 | 6100 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 22000 | | 2200 | 1600 | 6100 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.722 | | 15-120 | | 34 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 12.481 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.974 | | 10-130 | | 47 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.173 | | 10-150 | | 50 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 18.726 | | 15-120 | | 47 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.632 | | 10-140 | | 49 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 17.887 | | 10-135 | | 45 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 19.773 | | 10-120 | | 49 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 18.603 | | 10-140 | | 47 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.169 | | 1-145 | | 48 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 21.333 | | 10-145 | | 53 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.618 | | 15-120 | | 54 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 18.234 | | 10-150 | | 46 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.506 | | 20-140 | | 54 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.812 | | 10-130 | | 47 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 21.965 | | 10-150 | | 55 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 21.432 | | 10-130 | | 54 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.538 | | 10-140 | | 56 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 44283 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 187736 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 143063 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 337660 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 350314 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 410243 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.885 | 4600 | J | | | 5.885 | |
| | unknown-01 | 3300 | J | | | 6.361 | |
| | (DEL) Alkane: Straight-Chain6.854 | 3600 | J | | | 6.854 | |
| | (DEL) Alkane: Straight-Chain6.913 | 4300 | J | | | 6.913 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 3600 | J | | | 6.954 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 5000 | J | | | 7.283 | |
| | (DEL) Alkane: Straight-Chain7.489 | 30000 | J | | | 7.489 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 18000 | J | | | 7.918 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 3800 | J | | | 7.97 | |
| 1000249-77-4 | 1,1-Hexylenedioxybutane | 16000 | J | | | 8.076 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 5800 | J | | | 8.282 | |
| 001074-43-7 | Benzene, 1-methyl-3-propyl- | 6700 | J | | | 8.399 | |
| | (DEL) Alkane: Straight-Chain8.446 | 3100 | J | | | 8.446 | |
| 018368-95-1 | 1,3,8-p-Menthatriene | 6200 | J | | | 8.493 | |
| | (DEL) Alkane: Straight-Chain8.623 | 6500 | J | | | 8.623 | |
| 000135-98-8 | Benzene, (1-methylpropyl)- | 5400 | J | | | 8.658 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 4000 | J | | | 8.805 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000934-74-7 | Benzene, 1-ethyl-3,5-dimethyl- | 4000 | J | | | 8.858 | |
| 1000382-90-8 | Carbonic acid, prop-1-en-2-yl trid | 32000 | J | | | 9.087 | |
| 000149-57-5 | Hexanoic acid, 2-ethyl- | 3200 | J | | | 9.157 | |
| | (DEL) Alkane: Straight-Chain9.933 | 3100 | J | | | 9.933 | |
| | (DEL) Alkane: Cyclic11.026 | 7300 | J | | | 11.026 | |
| 000590-67-0 | Cyclohexanol, 1-methyl- | 4200 | J | | | 11.155 | |
| 1000309-19-4 | Sulfurous acid, 2-ethylhexyl undecyl ester | 4600 | J | | | 11.672 | |
| 000589-35-5 | 1-Pentanol, 3-methyl- | 5500 | J | | | 11.913 | |
| | (DEL) Alkane: Straight-Chain12.072 | 6500 | J | | | 12.072 | |
| | (DEL) Alkane: Cyclic12.107 | 4300 | J | | | 12.107 | |
| 000097-85-8 | Propanoic acid, 2-methyl-, 2-methy | 3400 | J | | | 12.894 | |
| 1000309-39-2 | Oxalic acid, 2-ethylhexyl nonyl es | 2800 | J | | | 13.029 | |
| 000109-21-7 | Butanoic acid, butyl ester | 2900 | J | | | 13.235 | |
| | (DEL) Alkane: Straight-Chain13.317 | 10000 | J | | | 13.317 | |
| | unknown-02 | 4900 | J | | | 13.446 | |
| | unknown-03 | 3600 | J | | | 13.535 | |
| | unknown-04 | 5600 | J | | | 13.752 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 3000 | J | | | 13.817 | |
| 000629-93-6 | Octadecane, 1-iodo- | 3800 | J | | | 13.981 | |
| | (DEL) Alkane: Straight-Chain14.392 | 9500 | J | | | 14.392 | |
| | unknown-05 | 3200 | J | | | 14.563 | |
| | (DEL) Alkane: Straight-Chain15.350 | 9100 | J | | | 15.35 | |
| | (DEL) Alkane: Straight-Chain15.756 | 2800 | J | | | 15.756 | |
| 000119-61-9 | Benzophenone | 6100 | J | | | 15.85 | |
| | (DEL) Alkane: Straight-Chain16.208 | 9100 | J | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.001 | 6300 | J | | | 17.001 | |
| | (DEL) Alkane: Straight-Chain17.054 | 5000 | J | | | 17.054 | |
| | (DEL) Alkane: Straight-Chain17.741 | 5900 | J | | | 17.741 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 4500 | J | | | 17.912 | |
| | (DEL) Alkane: Straight-Chain18.435 | 4700 | J | | | 18.435 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062915.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 003386-33-2 | Octadecane, 1-chloro- | 4100 | J | | | 19.075 | |
| | (DEL) Alkane: Straight-Chain21.161 | 9100 | J | | | 21.161 | |
| | unknown-06 | 2800 | J | | | 22.142 | |
| | (DEL) Alkane: Straight-Chain22.265 | 2500 | J | | | 22.265 | |
| E966796 | Total Alkanes | 150000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4100 | U | 4100 | 5700 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2900 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1500 | 5800 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2900 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1500 | 5800 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5800 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5800 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 680 | U | 680 | 1500 | 5800 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 870 | U | 870 | 1500 | 5800 | ug/Kg |
| 91-20-3 | Naphthalene | 650 | U | 650 | 1500 | 5800 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5800 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5800 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1800 | J | 720 | 1500 | 5800 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 3000 | J | 880 | 1500 | 5800 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2900 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7100 | | 1400 | 1500 | 5800 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 990 | U | 990 | 1500 | 5800 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 5800 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 950 | U | 950 | 1500 | 5800 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1500 | 5800 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 900 | U | 900 | 1500 | 5800 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4200 | U | 4200 | 2900 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 2900 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 900 | U | 900 | 1500 | 5800 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 5800 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5800 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2900 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1500 | 5800 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5800 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 5800 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 540000 | E | 3800 | 2900 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1200 | J | 800 | 1500 | 5800 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1500 | 5800 | ug/Kg |
| 120-12-7 | Anthracene | 660 | U | 660 | 1500 | 5800 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 5800 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2900 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 990 | U | 990 | 1500 | 5800 | ug/Kg |
| 206-44-0 | Fluoranthene | 700 | U | 700 | 2900 | 5800 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 720 | U | 720 | 1500 | 5800 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 600 | U | 600 | 1500 | 5800 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 890 | U | 890 | 1500 | 5800 | ug/Kg |
| 218-01-9 | Chrysene | 750 | U | 750 | 1500 | 5800 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 660 | U | 660 | 1500 | 5800 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 970 | U | 970 | 1500 | 5800 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5800 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 890 | U | 890 | 1500 | 5800 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1500 | 5800 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 33000 | | 2100 | 1500 | 5800 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.461 | | 15-120 | | 31 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 12.301 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 19.375 | | 10-130 | | 48 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 19.744 | | 10-150 | | 49 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 18.135 | | 15-120 | | 45 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 20.146 | | 10-140 | | 50 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 20.265 | | 10-135 | | 51 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.546 | | 10-120 | | 54 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.048 | | 10-140 | | 53 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.042 | | 1-145 | | 48 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.875 | | 10-145 | | 57 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.623 | | 15-120 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 19.548 | | 10-150 | | 49 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.752 | | 20-140 | | 57 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 19.371 | | 10-130 | | 48 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.665 | | 10-150 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.622 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.034 | | 10-140 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 49068 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 194780 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 158889 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 364172 | 17.244 | | | | |
| 1719-03-5 | Chrysene-d12 | 369801 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 431669 | 24.535 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain6.915 | 4800 | J | | | 6.915 | |
| | (DEL) Alkane: Straight-Chain7.485 | 27000 | J | | | 7.485 | |
| | unknown-01 | 5600 | J | | | 7.92 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 6200 | J | | | 8.278 | |
| | unknown-02 | 7700 | J | | | 8.331 | |
| | (DEL) Alkane: Straight-Chain8.390 | 8100 | J | | | 8.39 | |
| | (DEL) Alkane: Straight-Chain8.448 | 4800 | J | | | 8.448 | |
| | (DEL) Alkane: Straight-Chain8.625 | 6200 | J | | | 8.625 | |
| 059387-92-7 | 2,7-Dimethyloctan-4-one | 10000 | J | | | 8.848 | |
| | (DEL) Alkane: Straight-Chain9.083 | 24000 | J | | | 9.083 | |
| 016251-77-7 | Benzenepropanal, .beta.-methyl- | 5200 | J | | | 9.2 | |
| 1000365-51-5 | 4-Methyl-3-heptanol, heptafluorobu | 4000 | J | | | 11.151 | |
| | unknown-03 | 2700 | J | | | 11.909 | |
| | unknown-04 | 2500 | J | | | 12.062 | |
| | unknown-05 | 4000 | J | | | 12.743 | |
| 001124-63-6 | Cyclohexanepropanol- | 2800 | J | | | 12.832 | |
| 024173-54-4 | 6-Azabicyclo[3.2.1]octane, 6-methy | 7400 | J | | | 13.055 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain13.319 | 6300 | J | | | 13.319 | |
| 000452-58-4 | 2,3-Pyridinediamine | 8500 | J | | | 13.537 | |
| 000571-61-9 | Naphthalene, 1,5-dimethyl- | 7500 | J | | | 13.672 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 4400 | J | | | 13.813 | |
| | unknown-06 | 4000 | J | | | 13.836 | |
| | (DEL) Alkane: Straight-Chain13.977 | 2900 | J | | | 13.977 | |
| | unknown-07 | 3700 | J | | | 14.03 | |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 4600 | J | | | 14.124 | |
| | unknown-08 | 2400 | J | | | 14.294 | |
| | (DEL) Alkane: Straight-Chain14.394 | 12000 | J | | | 14.394 | |
| | unknown-09 | 2700 | J | | | 14.565 | |
| 022106-37-2 | 4-(1-Pyrroyl)acetophenone | 8300 | J | | | 14.629 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 2500 | J | | | 14.888 | |
| | unknown-10 | 3700 | J | | | 15.029 | |
| | unknown-11 | 3500 | J | | | 15.217 | |
| 1000306-62-9 | (3,5-Difluorophenyl)diethylamine | 8900 | J | | | 15.252 | |
| | unknown-12 | 3400 | J | | | 15.323 | |
| 035599-77-0 | Tridecane, 1-iodo- | 8400 | J | | | 15.346 | |
| | (DEL) Alkane: Straight-Chain15.757 | 8700 | J | | | 15.757 | |
| 000119-61-9 | Benzophenone | 7600 | J | | | 15.852 | |
| | (DEL) Alkane: Straight-Chain16.210 | 7700 | J | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.003 | 8900 | J | | | 17.003 | |
| | (DEL) Alkane: Straight-Chain17.056 | 4700 | J | | | 17.056 | |
| | unknown-13 | 6700 | J | | | 17.544 | |
| | (DEL) Alkane: Straight-Chain17.743 | 7100 | J | | | 17.743 | |
| 000057-10-3 | n-Hexadecanoic acid | 2600 | J | | | 18.137 | |
| | (DEL) Alkane: Straight-Chain18.437 | 5500 | J | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.071 | 4800 | J | | | 19.071 | |
| | (DEL) Alkane: Straight-Chain20.182 | 3900 | J | | | 20.182 | |
| | (DEL) Alkane: Straight-Chain20.675 | 3500 | J | | | 20.675 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062916.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1000383-14-3 | Carbonic acid, 2-ethylhexyl hexade | 13000 | J | | | 21.163 | |
| | (DEL) Alkane: Straight-Chain21.686 | 3100 | J | | | 21.686 | |
| | (DEL) Alkane: Straight-Chain22.262 | 5700 | J | | | 22.262 | |
| | (DEL) Alkane: Straight-Chain22.914 | 2400 | J | | | 22.914 | |
| E966796 | Total Alkanes | 160000 | | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 240 | 2500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6100 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1600 | 6200 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6200 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6200 | ug/Kg |
| 78-59-1 | Isophorone | 1400 | U | 1400 | 1600 | 6200 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 730 | U | 730 | 1600 | 6200 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 920 | U | 920 | 1600 | 6200 | ug/Kg |
| 91-20-3 | Naphthalene | 3700 | J | 690 | 1600 | 6200 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 105-60-2 | Caprolactam | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1400 | U | 1400 | 1600 | 6200 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4000 | J | 760 | 1600 | 6200 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 6800 | | 940 | 1600 | 6200 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2000 | U | 2000 | 1600 | 6200 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1600 | 6200 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 960 | U | 960 | 1600 | 6200 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4400 | U | 4400 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2000 | U | 2000 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 960 | U | 960 | 1600 | 6200 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1600 | 6200 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1600 | 6200 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6200 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 480000 | E | 4100 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 850 | U | 850 | 1600 | 6200 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6200 | ug/Kg |
| 120-12-7 | Anthracene | 700 | U | 700 | 1600 | 6200 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6200 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 206-44-0 | Fluoranthene | 740 | U | 740 | 3000 | 6200 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 760 | U | 760 | 1600 | 6200 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 640 | U | 640 | 1600 | 6200 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 950 | U | 950 | 1600 | 6200 | ug/Kg |
| 218-01-9 | Chrysene | 800 | U | 800 | 1600 | 6200 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 700 | U | 700 | 1600 | 6200 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 950 | U | 950 | 1600 | 6200 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 34000 | | 2200 | 1600 | 6200 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.026 | | 15-120 | | 25 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 12.393 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 16.353 | | 10-130 | | 41 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 17.792 | | 10-150 | | 44 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 16.637 | | 15-120 | | 42 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.319 | | 10-140 | | 43 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 17.155 | | 10-135 | | 43 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 18.855 | | 10-120 | | 47 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 17.323 | | 10-140 | | 43 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 17.786 | | 1-145 | | 44 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 19.915 | | 10-145 | | 50 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 19.032 | | 15-120 | | 48 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 17.69 | | 10-150 | | 44 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 19.6 | | 20-140 | | 49 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 16.218 | | 10-130 | | 41 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 19.509 | | 10-150 | | 49 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 19.996 | | 10-130 | | 50 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 19.117 | | 10-140 | | 48 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 48196 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 194719 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 150725 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 353867 | 17.244 | | | | |
| 1719-03-5 | Chrysene-d12 | 352444 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 440797 | 24.536 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 26000 | J | | | 5.887 | |
| 1000390-06-8 | Succinic acid, 2-methylpent-3-yl t | 7500 | J | | | 6.145 | |
| | (DEL) Alkane: Straight-Chain6.263 | 4300 | J | | | 6.263 | |
| | unknown-01 | 6300 | J | | | 6.357 | |
| | (DEL) Alkane: Straight-Chain6.428 | 7700 | J | | | 6.428 | |
| | (DEL) Alkane: Cyclic6.504 | 8400 | J | | | 6.504 | |
| | (DEL) Alkane: Straight-Chain6.827 | 4300 | J | | | 6.827 | |
| 018675-24-6 | 1-Decanol, 2-methyl- | 12000 | J | | | 6.856 | |
| | (DEL) Alkane: Straight-Chain6.915 | 12000 | J | | | 6.915 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 12000 | J | | | 6.95 | |
| 000108-67-8 | Mesitylene | 7900 | J | | | 7.086 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 7200 | J | | | 7.25 | |
| | (DEL) Alkane: Straight-Chain7.491 | 71000 | J | | | 7.491 | |
| | unknown-02 | 6200 | J | | | 7.779 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 25000 | J | | | 7.92 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 8000 | J | | | 7.973 | |
| 1000309-31-1 | Oxalic acid, cyclohexyl nonyl este | 13000 | J | | | 8.079 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 5700 | J | | | 8.278 | |
| | (DEL) Alkane: Straight-Chain8.390 | 11000 | J | | | 8.39 | |
| | (DEL) Alkane: Straight-Chain8.449 | 4900 | J | | | 8.449 | |
| 018368-95-1 | 1,3,8-p-Menthatriene | 11000 | J | | | 8.502 | |
| | (DEL) Alkane: Straight-Chain8.625 | 10000 | J | | | 8.625 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 7800 | J | | | 8.66 | |
| 000535-77-3 | Benzene, 1-methyl-3-(1-methylethyl | 5900 | J | | | 8.807 | |
| 000099-87-6 | p-Cymene | 8000 | J | | | 8.854 | |
| | (DEL) Alkane: Straight-Chain9.089 | 50000 | J | | | 9.089 | |
| | unknown-03 | 4400 | J | | | 9.283 | |
| | (DEL) Alkane: Straight-Chain9.935 | 2900 | J | | | 9.935 | |
| | (DEL) Alkane: Straight-Chain10.076 | 3700 | J | | | 10.076 | |
| | (DEL) Alkane: Straight-Chain11.028 | 11000 | J | | | 11.028 | |
| | (DEL) Alkane: Straight-Chain11.674 | 4800 | J | | | 11.674 | |
| 054340-85-1 | Benzene, 1-(2-butenyl)-2,3-dimethy | 10000 | J | | | 11.745 | |
| | unknown-04 | 6800 | J | | | 11.909 | |
| | (DEL) Alkane: Straight-Chain12.074 | 10000 | J | | | 12.074 | |
| | (DEL) Alkane: Straight-Chain12.109 | 5500 | J | | | 12.109 | |
| 116436-59-0 | 3-Trifluoroacetoxy-6-ethyldecane | 5500 | J | | | 12.72 | |
| | (DEL) Alkane: Straight-Chain13.031 | 4800 | J | | | 13.031 | |
| | (DEL) Alkane: Straight-Chain13.319 | 18000 | J | | | 13.319 | |
| 074367-31-0 | Propanoic acid, 2-methyl-, 2-ethyl | 6400 | J | | | 13.748 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 4700 | J | | | 13.813 | |
| | (DEL) Alkane: Straight-Chain13.977 | 6100 | J | | | 13.977 | |
| 004948-51-0 | 9-Methyl-S-octahydroanthracene | 6000 | J | | | 14.124 | |
| | (DEL) Alkane: Straight-Chain14.395 | 37000 | J | | | 14.395 | |
| | unknown-05 | 6100 | J | | | 14.565 | |
| 018052-85-2 | Silane, trimethyl-2-naphthalenyl- | 22000 | J | | | 14.636 | |
| | (DEL) Alkane: Cyclic15.017 | 3000 | J | | | 15.017 | |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 23000 | J | | | 15.253 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062917.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.347 | 19000 | J | | | 15.347 | |
| | unknown-06 | 6200 | J | | | 15.752 | |
| 000119-61-9 | Benzophenone | 11000 | J | | | 15.846 | |
| | unknown-07 | 4900 | J | | | 16.122 | |
| | (DEL) Alkane: Straight-Chain16.210 | 12000 | J | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.003 | 10000 | J | | | 17.003 | |
| | (DEL) Alkane: Straight-Chain17.056 | 7600 | J | | | 17.056 | |
| 1000494-57-0 | 4,6-Diaminoresorcinol, N,N,N,N,O | 6700 | J | | | 17.532 | |
| | (DEL) Alkane: Straight-Chain17.744 | 8600 | J | | | 17.744 | |
| | (DEL) Alkane: Straight-Chain18.437 | 5600 | J | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.072 | 4100 | J | | | 19.072 | |
| | (DEL) Alkane: Straight-Chain20.182 | 4300 | J | | | 20.182 | |
| 1000383-11-5 | Carbonic acid, octadecyl prop-1-en | 8900 | J | | | 21.163 | |
| | (DEL) Alkane: Straight-Chain22.144 | 3200 | J | | | 22.144 | |
| | (DEL) Alkane: Straight-Chain22.262 | 3600 | J | | | 22.262 | |
| E966796 | Total Alkanes | 390000 | | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 250 | 2500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3100 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6100 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1900 | U | 1900 | 3100 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2400 | U | 2400 | 3100 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1900 | U | 1900 | 1600 | 6200 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3100 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2500 | U | 2500 | 3100 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1900 | U | 1900 | 3100 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1900 | U | 1900 | 3100 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6200 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6200 | ug/Kg |
| 78-59-1 | Isophorone | 1400 | U | 1400 | 1600 | 6200 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 730 | U | 730 | 1600 | 6200 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 930 | U | 930 | 1600 | 6200 | ug/Kg |
| 91-20-3 | Naphthalene | 3000 | J | 690 | 1600 | 6200 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 105-60-2 | Caprolactam | 2500 | U | 2500 | 3100 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1400 | U | 1400 | 1600 | 6200 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3300 | J | 770 | 1600 | 6200 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 5700 | J | 940 | 1600 | 6200 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3100 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2000 | U | 2000 | 1600 | 6200 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1900 | U | 1900 | 1600 | 6200 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3100 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 970 | U | 970 | 1600 | 6200 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4500 | U | 4500 | 3100 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2000 | U | 2000 | 3100 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 970 | U | 970 | 1600 | 6200 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6200 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6200 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3100 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3100 | U | 3100 | 3100 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3500 | U | 3500 | 1600 | 6200 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2400 | U | 2400 | 1600 | 6200 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6200 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3100 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 370000 | E | 4100 | 3100 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 850 | U | 850 | 1600 | 6200 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6200 | ug/Kg |
| 120-12-7 | Anthracene | 710 | U | 710 | 1600 | 6200 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6200 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3100 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 206-44-0 | Fluoranthene | 740 | U | 740 | 3100 | 6200 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 770 | U | 770 | 1600 | 6200 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 640 | U | 640 | 1600 | 6200 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2500 | U | 2500 | 3100 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 950 | U | 950 | 1600 | 6200 | ug/Kg |
| 218-01-9 | Chrysene | 800 | U | 800 | 1600 | 6200 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 710 | U | 710 | 1600 | 6200 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3100 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6200 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1200 | U | 1200 | 1600 | 6200 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 950 | U | 950 | 1600 | 6200 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6200 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 26000 | | 2200 | 1600 | 6200 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 10.952 | | 20-120 | | 27 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 1.615 | | 15-120 | | 20 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 14.737 | | 10-130 | | 37 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 15.476 | | 10-150 | | 39 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 15.381 | | 15-120 | | 38 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.925 | | 10-140 | | 37 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.541 | | 10-135 | | 41 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 17.608 | | 10-120 | | 44 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 16.642 | | 10-140 | | 42 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 15.808 | | 1-145 | | 40 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 18.457 | | 10-145 | | 46 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 18.031 | | 15-120 | | 45 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 14.765 | | 10-150 | | 37 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.477 | | 20-140 | | 46 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 15.362 | | 10-130 | | 38 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.315 | | 10-150 | | 46 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 18.383 | | 10-130 | | 46 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 18.849 | | 10-140 | | 47 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47329 | 7.86 | | | | |
| 1146-65-2 | Naphthalene-d8 | 182611 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 143748 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 334497 | 17.243 | | | | |
| 1719-03-5 | Chrysene-d12 | 329755 | 21.491 | | | | |
| 1520-96-3 | Perylene-d12 | 389173 | 24.535 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.886 | 17000 | J | | | 5.886 | |
| 1000351-80-9 | Docosyl pentafluoropropionate | 4200 | J | | | 6.144 | |
| 1000370-77-5 | 2-Ethylbutyric acid, 5-methoxy-3-m | 4500 | J | | | 6.356 | |
| | (DEL) Alkane: Straight-Chain6.426 | 5100 | J | | | 6.426 | |
| | (DEL) Alkane: Cyclic6.509 | 6900 | J | | | 6.509 | |
| 027126-22-3 | Heptane, 4-azido- | 4200 | J | | | 6.761 | |
| | (DEL) Alkane: Straight-Chain6.855 | 13000 | J | | | 6.855 | |
| | (DEL) Alkane: Straight-Chain6.914 | 8800 | J | | | 6.914 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 9200 | J | | | 6.949 | |
| 000108-67-8 | Mesitylene | 6500 | J | | | 7.084 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 6500 | J | | | 7.249 | |
| | (DEL) Alkane: Straight-Chain7.490 | 59000 | J | | | 7.49 | |
| | unknown-01 | 4900 | J | | | 7.778 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 15000 | J | | | 7.919 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 6700 | J | | | 7.972 | |
| | (DEL) Alkane: Straight-Chain8.048 | 3700 | J | | | 8.048 | |
| 002114-42-3 | Cyclohexane, 2-propenyl- | 5000 | J | | | 8.148 | |

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# Report of Analysis

| | | | | | |
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| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | unknown-02 | 8800 | J | | | 8.395 | |
| | (DEL) Alkane: Straight-Chain8.447 | 4000 | J | | | 8.447 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 8500 | J | | | 8.495 | |
| | (DEL) Alkane: Straight-Chain8.624 | 7900 | J | | | 8.624 | |
| 000135-98-8 | Benzene, (1-methylpropyl)- | 6400 | J | | | 8.659 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 4400 | J | | | 8.806 | |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 5200 | J | | | 8.859 | |
| | (DEL) Alkane: Straight-Chain9.088 | 40000 | J | | | 9.088 | |
| | unknown-03 | 11000 | J | | | 9.211 | |
| | (DEL) Alkane: Straight-Chain9.934 | 4700 | J | | | 9.934 | |
| | unknown-04 | 11000 | J | | | 11.027 | |
| | (DEL) Alkane: Straight-Chain11.679 | 5000 | J | | | 11.679 | |
| 054340-85-1 | Benzene, 1-(2-butenyl)-2,3-dimethy | 9700 | J | | | 11.744 | |
| | unknown-05 | 6400 | J | | | 11.908 | |
| | (DEL) Alkane: Straight-Chain12.073 | 9400 | J | | | 12.073 | |
| | unknown-06 | 5700 | J | | | 12.108 | |
| | (DEL) Alkane: Straight-Chain13.030 | 3700 | J | | | 13.03 | |
| | (DEL) Alkane: Straight-Chain13.318 | 14000 | J | | | 13.318 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 5700 | J | | | 13.671 | |
| | (DEL) Alkane: Straight-Chain13.982 | 6200 | J | | | 13.982 | |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 4700 | J | | | 14.123 | |
| 1010309-19-2 | Sulfurous acid, 2-ethylhexyl nonyl | 26000 | J | | | 14.394 | |
| | unknown-07 | 5700 | J | | | 14.564 | |
| 1000306-62-9 | (3,5-Difluorophenyl)diethylamine | 16000 | J | | | 14.634 | |
| 022106-37-2 | 4-(1-Pyrroyl)acetophenone | 17000 | J | | | 15.251 | |
| 000589-63-9 | 4-Octanone | 12000 | J | | | 15.345 | |
| | (DEL) Alkane: Straight-Chain15.751 | 5600 | J | | | 15.751 | |
| 000119-61-9 | Benzophenone | 8100 | J | | | 15.851 | |
| | (DEL) Alkane: Straight-Chain16.209 | 11000 | J | | | 16.209 | |
| | (DEL) Alkane: Straight-Chain17.002 | 8200 | J | | | 17.002 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062918.D | 1 | 9/13/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.055 | 6200 | J | | | 17.055 | |
| 126584-00-7 | 1,5,6,7-Tetramethyl-3-phenylbicycl | 5200 | J | | | 17.531 | |
| | (DEL) Alkane: Straight-Chain17.743 | 7000 | J | | | 17.743 | |
| | (DEL) Alkane: Straight-Chain18.436 | 4800 | J | | | 18.436 | |
| | (DEL) Alkane: Straight-Chain19.070 | 6500 | J | | | 19.07 | |
| | (DEL) Alkane: Straight-Chain20.181 | 3700 | J | | | 20.181 | |
| 1000383-11-5 | Carbonic acid, octadecyl prop-1-en | 7500 | J | | | 21.162 | |
| | (DEL) Alkane: Straight-Chain22.261 | 3200 | J | | | 22.261 | |
| E966796 | Total Alkanes | 260000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B22 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-06 | | | 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 |
|---|---|---|---|---|
| BG062919.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.83 | U | 0.83 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.9 | U | 0.9 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.94 | U | 0.94 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.99 | U | 0.99 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.81 | U | 0.81 | 2.5 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B22 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-06 | | | 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 |
|---|---|---|---|---|
| BG062919.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 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 | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.97 | U | 0.97 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.91 | U | 0.91 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.97 | U | 0.97 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.93 | U | 0.93 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B22 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-06 | | | 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 |
|---|---|---|---|---|
| BG062919.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.76 | U | 0.76 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.275 | | 15-120 | | 41 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 4.309 | * | 20-120 | | 11 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.54 | | 10-130 | | 14 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 19.56 | | 25-120 | | 49 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 18.199 | | 20-130 | | 45 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 12.591 | | 25-125 | | 31 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 18.363 | | 20-125 | | 46 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.103 | | 20-130 | | 50 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.332 | | 20-120 | | 48 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.712 | | 1-146 | | 47 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.001 | | 25-130 | | 55 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 19.913 | | 10-130 | | 50 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 4.996 | | 10-150 | | 12 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.29 | | 25-125 | | 53 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B22 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-06 | | | 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 |
|---|---|---|---|---|
| BG062919.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.043 | | 10-130 | | 50 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.436 | | 25-130 | | 56 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.039 | | 15-130 | | 58 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.393 | | 20-130 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47063 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 204414 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 163609 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 384005 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 388779 | 21.493 | | | | |
| 1520-96-3 | Perylene-d12 | 455171 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000119-61-9 | Benzophenone | 4 | J | | | 15.846 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B27 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-07 | | | 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 |
|---|---|---|---|---|
| BG062920.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 7.6 | | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B27 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-07 | | | 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 |
|---|---|---|---|---|
| BG062920.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B27 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-07 | | | 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 |
|---|---|---|---|---|
| BG062920.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.049 | | 15-120 | | 38 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.202 | * | 20-120 | | 16 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.491 | | 10-130 | | 14 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 19.497 | | 25-120 | | 49 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 17.516 | | 20-130 | | 44 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 13.029 | | 25-125 | | 33 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 19.669 | | 20-125 | | 49 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.173 | | 20-130 | | 50 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.859 | | 20-120 | | 50 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.737 | | 1-146 | | 47 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.437 | | 25-130 | | 59 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.333 | | 10-130 | | 53 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.716 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.771 | | 25-125 | | 59 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B27 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-07 | | | 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 |
|---|---|---|---|---|
| BG062920.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.725 | | 10-130 | | 59 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.767 | | 25-130 | | 62 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.572 | | 15-130 | | 61 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.121 | | 20-130 | | 65 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 52437 | 7.854 | | | | |
| 1146-65-2 | Naphthalene-d8 | 215417 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 169640 | 14.493 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 408127 | 17.237 | | | | |
| 1719-03-5 | Chrysene-d12 | 429043 | 21.491 | | | | |
| 1520-96-3 | Perylene-d12 | 491152 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-10 | | | 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 |
|---|---|---|---|---|
| BG062921.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-10 | | | 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 |
|---|---|---|---|---|
| BG062921.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-10 | | | 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 |
|---|---|---|---|---|
| BG062921.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.608 | | 15-120 | | 33 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.017 | * | 20-120 | | 13 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.792 | | 10-130 | | 17 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 22.848 | | 25-120 | | 57 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.178 | | 20-130 | | 50 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.613 | | 25-125 | | 37 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.675 | | 20-125 | | 59 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 23.926 | | 20-130 | | 60 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.227 | | 20-120 | | 58 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.128 | | 1-146 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.62 | | 25-130 | | 69 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.364 | | 10-130 | | 63 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 6.862 | | 10-150 | | 17 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.861 | | 25-125 | | 67 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-10 | | | 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 |
|---|---|---|---|---|
| BG062921.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.668 | | 10-130 | | 69 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 28.398 | | 25-130 | | 71 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 27.93 | | 15-130 | | 70 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 29.436 | | 20-130 | | 74 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 55909 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 226904 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 176142 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 427255 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 434826 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 499938 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 006422-86-2 | 1,4-Benzenedicarboxylic acid, bis( | 3.8 | J | | | 22.615 | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0B70 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062922.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0B70 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062922.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0B70 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062922.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.013 | | 15-120 | | 38 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.876 | * | 20-120 | | 17 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.72 | | 10-130 | | 14 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 22.709 | | 25-120 | | 57 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.953 | | 20-130 | | 50 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.549 | | 25-125 | | 36 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.32 | | 20-125 | | 58 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.677 | | 20-130 | | 62 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.268 | | 20-120 | | 58 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.271 | | 1-146 | | 56 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 26.979 | | 25-130 | | 67 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 24.357 | | 10-130 | | 61 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.101 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.933 | | 25-125 | | 67 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0B70 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062922.D | 1 | 9/16/2024 12:00:00 AM | 9/18/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 15.892 | | 10-130 | | 40 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 28.802 | | 25-130 | | 72 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.664 | | 15-130 | | 72 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 30.147 | | 20-130 | | 75 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 46209 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 195044 | 10.647 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 158322 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 384354 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 392059 | 21.493 | | | | |
| 1520-96-3 | Perylene-d12 | 463305 | 24.531 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 082304-66-3 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 6 | J | | | 17.909 | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SLCS394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062923.D | 1 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 8800 | | 940 | 200 | 2000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 23000 | | 2100 | 2500 | 10000 | ug/Kg |
| 110-86-1 | Pyridine | 23000 | | 3500 | 5000 | 10000 | ug/Kg |
| 108-95-2 | Phenol | 26000 | | 1500 | 2500 | 10000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 27000 | | 1900 | 2500 | 10000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 26000 | | 1500 | 1300 | 5000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 26000 | | 1200 | 2500 | 10000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | | 2000 | 2500 | 10000 | ug/Kg |
| 98-86-2 | Acetophenone | 26000 | | 1500 | 2500 | 10000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 25000 | | 1500 | 2500 | 10000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 25000 | | 2100 | 1300 | 5000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 25000 | | 1700 | 1300 | 5000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 29000 | | 1800 | 1300 | 5000 | ug/Kg |
| 78-59-1 | Isophorone | 28000 | | 1100 | 1300 | 5000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 29000 | | 870 | 1300 | 5000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 21000 | | 590 | 1300 | 5000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 27000 | | 970 | 1300 | 5000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 28000 | | 750 | 1300 | 5000 | ug/Kg |
| 91-20-3 | Naphthalene | 27000 | | 560 | 1300 | 5000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 22000 | | 900 | 1300 | 10000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 30000 | | 1200 | 1300 | 5000 | ug/Kg |
| 105-60-2 | Caprolactam | 27000 | | 2000 | 2500 | 10000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 28000 | | 1100 | 1300 | 5000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 26000 | | 620 | 1300 | 5000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 27000 | | 760 | 1300 | 5000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 25000 | | 2600 | 2500 | 10000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 24000 | | 1200 | 1300 | 5000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 27000 | | 960 | 1300 | 5000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SLCS394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062923.D | 1 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 28000 | | 910 | 1300 | 5000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 28000 | | 850 | 1300 | 5000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 31000 | | 1600 | 1300 | 5000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 28000 | | 820 | 1300 | 5000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 30000 | | 1500 | 1300 | 5000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 28000 | | 870 | 1300 | 5000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 31000 | | 1300 | 2500 | 10000 | ug/Kg |
| 83-32-9 | Acenaphthene | 26000 | | 780 | 1300 | 5000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 30000 | | 3600 | 2500 | 10000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 32000 | | 1600 | 2500 | 10000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 28000 | | 780 | 1300 | 5000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 30000 | | 960 | 1300 | 5000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 25000 | | 1700 | 1300 | 5000 | ug/Kg |
| 86-73-7 | Fluorene | 27000 | | 1700 | 1300 | 5000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 29000 | | 1200 | 1300 | 5000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 31000 | | 1200 | 2500 | 10000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30000 | | 2500 | 2500 | 10000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 28000 | | 2800 | 1300 | 5000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 28000 | | 880 | 1300 | 5000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 30000 | | 1900 | 1300 | 5000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 30000 | | 2200 | 1300 | 5000 | ug/Kg |
| 1912-24-9 | Atrazine | 2100 | U | 2100 | 2500 | 10000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 21000 | | 3300 | 2500 | 10000 | ug/Kg |
| 85-01-8 | Phenanthrene | 28000 | | 690 | 1300 | 5000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 28000 | | 2100 | 1300 | 5000 | ug/Kg |
| 120-12-7 | Anthracene | 27000 | | 570 | 1300 | 5000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 28000 | | 2200 | 1300 | 5000 | ug/Kg |
| 86-74-8 | Carbazole | 28000 | | 950 | 2500 | 10000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 27000 | | 850 | 1300 | 5000 | ug/Kg |
| 206-44-0 | Fluoranthene | 28000 | | 600 | 2500 | 5000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SLCS394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062923.D | 1 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 27000 | | 620 | 1300 | 5000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 27000 | | 520 | 1300 | 5000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 28000 | | 2000 | 2500 | 10000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 28000 | | 770 | 1300 | 5000 | ug/Kg |
| 218-01-9 | Chrysene | 28000 | | 650 | 1300 | 5000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 26000 | | 570 | 1300 | 5000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 26000 | | 1300 | 2500 | 10000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 29000 | | 970 | 1300 | 5000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 29000 | | 840 | 1300 | 5000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 27000 | | 990 | 1300 | 5000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 28000 | | 930 | 1300 | 5000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 29000 | | 770 | 1300 | 5000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 29000 | | 900 | 1300 | 5000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 23000 | | 1800 | 1300 | 5000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.77 | | 15-120 | | 60 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 21.25 | | 20-120 | | 53 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 26.899 | | 10-130 | | 67 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.012 | | 10-150 | | 65 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.677 | | 15-120 | | 64 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 25.886 | | 10-140 | | 65 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.965 | | 10-135 | | 70 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 27.763 | | 10-120 | | 69 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 28.891 | | 10-140 | | 72 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.699 | | 1-145 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 28.936 | | 10-145 | | 72 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 28.022 | | 15-120 | | 70 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 26.722 | | 10-150 | | 67 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 28.745 | | 20-140 | | 72 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | SLCS394 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163394BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062923.D | 1 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 31.757 | | 10-130 | | 79 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 27.03 | | 10-150 | | 68 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 27.405 | | 10-130 | | 69 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.527 | | 10-140 | | 69 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 53079 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 213117 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 163726 | 14.493 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 391535 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 392151 | 21.496 | | | | |
| 1520-96-3 | Perylene-d12 | 455960 | 24.54 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 910 | U | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BL | | | 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 |
|---|---|---|---|---|
| BG062925.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BL | | | 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 |
|---|---|---|---|---|
| BG062925.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BL | | | 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 |
|---|---|---|---|---|
| BG062925.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.377 | | 15-120 | | 55 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 24.454 | | 20-120 | | 61 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 27.14 | | 10-130 | | 68 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.86 | | 25-120 | | 67 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.297 | | 20-130 | | 63 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 27.06 | | 25-125 | | 68 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.545 | | 20-125 | | 61 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 26.831 | | 20-130 | | 67 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.214 | | 20-120 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 25.119 | | 1-146 | | 63 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.063 | | 25-130 | | 68 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.387 | | 10-130 | | 63 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 22.887 | | 10-150 | | 57 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.593 | | 25-125 | | 66 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BL | | | 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 |
|---|---|---|---|---|
| BG062925.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.446 | | 10-130 | | 59 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.402 | | 25-130 | | 64 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.498 | | 15-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25.999 | | 20-130 | | 65 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43495 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 199032 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 159842 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 388173 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 401243 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 467231 | 24.536 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC73DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-22DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| 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 |
|---|---|---|---|---|
| BG062926.D | 2 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 67 | U | 67 | 16.3 | 170 | ug/Kg |
| 100-52-7 | Benzaldehyde | 140 | U | 140 | 200 | 820 | ug/Kg |
| 110-86-1 | Pyridine | 190 | U | 190 | 410 | 820 | ug/Kg |
| 108-95-2 | Phenol | 74 | U | 74 | 200 | 820 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 72 | U | 72 | 200 | 820 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 69 | U | 69 | 110 | 420 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 77 | U | 77 | 200 | 820 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 99 | U | 99 | 200 | 820 | ug/Kg |
| 98-86-2 | Acetophenone | 160 | U | 160 | 200 | 820 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 130 | U | 130 | 200 | 820 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 200 | U | 200 | 110 | 420 | ug/Kg |
| 67-72-1 | Hexachloroethane | 150 | U | 150 | 110 | 420 | ug/Kg |
| 98-95-3 | Nitrobenzene | 160 | U | 160 | 110 | 420 | ug/Kg |
| 78-59-1 | Isophorone | 160 | U | 160 | 110 | 420 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 150 | U | 150 | 110 | 420 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 79 | U | 79 | 110 | 420 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 110 | U | 110 | 110 | 420 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 94 | U | 94 | 110 | 420 | ug/Kg |
| 91-20-3 | Naphthalene | 59 | U | 59 | 110 | 420 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 89 | U | 89 | 110 | 820 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 87 | U | 87 | 110 | 420 | ug/Kg |
| 105-60-2 | Caprolactam | 160 | U | 160 | 200 | 820 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 100 | U | 100 | 110 | 420 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 59 | U | 59 | 110 | 420 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 79 | U | 79 | 110 | 420 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 240 | U | 240 | 200 | 820 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 59 | U | 59 | 110 | 420 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 82 | U | 82 | 110 | 420 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC73DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-22DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| 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 |
|---|---|---|---|---|
| BG062926.D | 2 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 64 | U | 64 | 110 | 420 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 82 | U | 82 | 110 | 420 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 110 | U | 110 | 110 | 420 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 74 | U | 74 | 110 | 420 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 50 | U | 50 | 110 | 420 | ug/Kg |
| 208-96-8 | Acenaphthylene | 72 | U | 72 | 110 | 420 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 160 | U | 160 | 200 | 820 | ug/Kg |
| 83-32-9 | Acenaphthene | 64 | U | 64 | 110 | 420 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 320 | U | 320 | 200 | 820 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 110 | U | 110 | 200 | 820 | ug/Kg |
| 132-64-9 | Dibenzofuran | 67 | U | 67 | 110 | 420 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 87 | U | 87 | 110 | 420 | ug/Kg |
| 84-66-2 | Diethylphthalate | 82 | U | 82 | 110 | 420 | ug/Kg |
| 86-73-7 | Fluorene | 67 | U | 67 | 110 | 420 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 50 | U | 50 | 110 | 420 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 59 | U | 59 | 200 | 820 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 94 | U | 94 | 200 | 820 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 59 | U | 59 | 110 | 420 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 84 | U | 84 | 110 | 420 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 64 | U | 64 | 110 | 420 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 69 | U | 69 | 110 | 420 | ug/Kg |
| 1912-24-9 | Atrazine | 69 | U | 69 | 200 | 820 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 5700 | D | 220 | 200 | 820 | ug/Kg |
| 85-01-8 | Phenanthrene | 67 | U | 67 | 110 | 420 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 92 | U | 92 | 110 | 420 | ug/Kg |
| 120-12-7 | Anthracene | 62 | U | 62 | 110 | 420 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 42 | U | 42 | 110 | 420 | ug/Kg |
| 86-74-8 | Carbazole | 84 | U | 84 | 200 | 820 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 67 | U | 67 | 110 | 420 | ug/Kg |
| 206-44-0 | Fluoranthene | 47 | U | 47 | 200 | 420 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC73DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-22DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| 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 |
|---|---|---|---|---|
| BG062926.D | 2 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 45 | U | 45 | 110 | 420 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 54 | U | 54 | 110 | 420 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 130 | U | 130 | 200 | 820 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 57 | U | 57 | 110 | 420 | ug/Kg |
| 218-01-9 | Chrysene | 59 | U | 59 | 110 | 420 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 62 | U | 62 | 110 | 420 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 200 | 820 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 92 | U | 92 | 110 | 420 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 94 | U | 94 | 110 | 420 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 77 | U | 77 | 110 | 420 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 69 | U | 69 | 110 | 420 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 64 | U | 64 | 110 | 420 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 79 | U | 79 | 110 | 420 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 680 | D | 89 | 110 | 420 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.37 | | 15-120 | | 42 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 11.232 | | 20-120 | | 28 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 19.062 | | 10-130 | | 48 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.464 | | 10-150 | | 51 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 18.398 | | 15-120 | | 46 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.264 | | 10-140 | | 48 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 17.92 | | 10-135 | | 45 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 19.65 | | 10-120 | | 49 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 17.924 | | 10-140 | | 45 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 16.208 | | 1-145 | | 41 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.874 | | 10-145 | | 52 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 20.838 | | 15-120 | | 52 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 15.898 | | 10-150 | | 40 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.684 | | 20-140 | | 54 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC73DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-22DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| 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 |
|---|---|---|---|---|
| BG062926.D | 2 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 14.94 | | 10-130 | | 37 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 20.21 | | 10-150 | | 51 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 19.546 | | 10-130 | | 49 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 20.026 | | 10-140 | | 50 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 42533 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 183316 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 142086 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 350540 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 370698 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 434906 | 24.536 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 460 | A | | | 4.982 | |
| 000107-41-5 | Hexylene glycol | 380 | JD | | | 6.175 | |
| 003746-39-2 | n-Dodecyl thioglycolate | 660 | JD | | | 7.485 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 640 | JD | | | 8.278 | |
| | (DEL) Alkane: Straight-Chain9.083 | 470 | JD | | | 9.083 | |
| E966796 | Total Alkanes | 470 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC51DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-15DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21 |
| 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 |
|---|---|---|---|---|
| BG062927.D | 5 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 170 | U | 170 | 41.8 | 420 | ug/Kg |
| 100-52-7 | Benzaldehyde | 370 | U | 370 | 520 | 2100 | ug/Kg |
| 110-86-1 | Pyridine | 490 | U | 490 | 1000 | 2100 | ug/Kg |
| 108-95-2 | Phenol | 190 | U | 190 | 520 | 2100 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 180 | U | 180 | 520 | 2100 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 180 | U | 180 | 270 | 1100 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 200 | U | 200 | 520 | 2100 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 250 | U | 250 | 520 | 2100 | ug/Kg |
| 98-86-2 | Acetophenone | 420 | U | 420 | 520 | 2100 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 340 | U | 340 | 520 | 2100 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 500 | U | 500 | 270 | 1100 | ug/Kg |
| 67-72-1 | Hexachloroethane | 390 | U | 390 | 270 | 1100 | ug/Kg |
| 98-95-3 | Nitrobenzene | 410 | U | 410 | 270 | 1100 | ug/Kg |
| 78-59-1 | Isophorone | 420 | U | 420 | 270 | 1100 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 380 | U | 380 | 270 | 1100 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 200 | U | 200 | 270 | 1100 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 280 | U | 280 | 270 | 1100 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 240 | U | 240 | 270 | 1100 | ug/Kg |
| 91-20-3 | Naphthalene | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 230 | U | 230 | 270 | 2100 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 220 | U | 220 | 270 | 1100 | ug/Kg |
| 105-60-2 | Caprolactam | 410 | U | 410 | 520 | 2100 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 260 | U | 260 | 270 | 1100 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 200 | U | 200 | 270 | 1100 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 610 | U | 610 | 520 | 2100 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 210 | U | 210 | 270 | 1100 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC51DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-15DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21 |
| 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 |
|---|---|---|---|---|
| BG062927.D | 5 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 210 | U | 210 | 270 | 1100 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 280 | U | 280 | 270 | 1100 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 190 | U | 190 | 270 | 1100 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 130 | U | 130 | 270 | 1100 | ug/Kg |
| 208-96-8 | Acenaphthylene | 180 | U | 180 | 270 | 1100 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 420 | U | 420 | 520 | 2100 | ug/Kg |
| 83-32-9 | Acenaphthene | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 820 | U | 820 | 520 | 2100 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 280 | U | 280 | 520 | 2100 | ug/Kg |
| 132-64-9 | Dibenzofuran | 170 | U | 170 | 270 | 1100 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 220 | U | 220 | 270 | 1100 | ug/Kg |
| 84-66-2 | Diethylphthalate | 210 | U | 210 | 270 | 1100 | ug/Kg |
| 86-73-7 | Fluorene | 170 | U | 170 | 270 | 1100 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 130 | U | 130 | 270 | 1100 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 150 | U | 150 | 520 | 2100 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 240 | U | 240 | 520 | 2100 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 220 | U | 220 | 270 | 1100 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 180 | U | 180 | 270 | 1100 | ug/Kg |
| 1912-24-9 | Atrazine | 180 | U | 180 | 520 | 2100 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 9100 | D | 560 | 520 | 2100 | ug/Kg |
| 85-01-8 | Phenanthrene | 170 | U | 170 | 270 | 1100 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 230 | U | 230 | 270 | 1100 | ug/Kg |
| 120-12-7 | Anthracene | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 110 | U | 110 | 270 | 1100 | ug/Kg |
| 86-74-8 | Carbazole | 220 | U | 220 | 520 | 2100 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 170 | U | 170 | 270 | 1100 | ug/Kg |
| 206-44-0 | Fluoranthene | 120 | U | 120 | 520 | 1100 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC51DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-15DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21 |
| 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 |
|---|---|---|---|---|
| BG062927.D | 5 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 110 | U | 110 | 270 | 1100 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 140 | U | 140 | 270 | 1100 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 330 | U | 330 | 520 | 2100 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 218-01-9 | Chrysene | 150 | U | 150 | 270 | 1100 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 300 | U | 300 | 520 | 2100 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 230 | U | 230 | 270 | 1100 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 240 | U | 240 | 270 | 1100 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 200 | U | 200 | 270 | 1100 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 180 | U | 180 | 270 | 1100 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 160 | U | 160 | 270 | 1100 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 200 | U | 200 | 270 | 1100 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 820 | JD | 230 | 270 | 1100 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 1.7 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 17.605 | | 10-130 | | 44 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 15.175 | | 10-150 | | 38 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 14.275 | | 15-120 | | 36 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.57 | | 10-140 | | 44 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 14.895 | | 10-135 | | 37 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 17.115 | | 10-120 | | 43 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 16.21 | | 10-140 | | 41 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 14.685 | | 1-145 | | 37 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 18.3 | | 10-145 | | 46 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 17.385 | | 15-120 | | 43 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 12.125 | | 10-150 | | 30 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 17.81 | | 20-140 | | 45 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC51DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-15DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21 |
| 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 |
|---|---|---|---|---|
| BG062927.D | 5 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 9.485 | | 10-130 | | 24 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.4 | | 10-150 | | 46 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 17.48 | | 10-130 | | 44 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 17.35 | | 10-140 | | 43 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41105 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 177207 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 156917 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 374837 | 17.237 | | | | |
| 1719-03-5 | Chrysene-d12 | 385555 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 463459 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.483 | 1800 | JD | | | 7.483 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 5100 | JD | | | 8.276 | |
| | (DEL) Alkane: Straight-Chain9.081 | 1500 | JD | | | 9.081 | |
| | (DEL) Alkane: Straight-Chain16.208 | 430 | JD | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain21.167 | 430 | JD | | | 21.167 | |
| E966796 | Total Alkanes | 4200 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 330 | U | 330 | 79.4 | 800 | ug/Kg |
| 100-52-7 | Benzaldehyde | 700 | U | 700 | 990 | 4000 | ug/Kg |
| 110-86-1 | Pyridine | 930 | U | 930 | 2000 | 4000 | ug/Kg |
| 108-95-2 | Phenol | 360 | U | 360 | 990 | 4000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 350 | U | 350 | 990 | 4000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 340 | U | 340 | 510 | 2000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 370 | U | 370 | 990 | 4000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 480 | U | 480 | 990 | 4000 | ug/Kg |
| 98-86-2 | Acetophenone | 790 | U | 790 | 990 | 4000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 640 | U | 640 | 990 | 4000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 950 | U | 950 | 510 | 2000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 730 | U | 730 | 510 | 2000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 770 | U | 770 | 510 | 2000 | ug/Kg |
| 78-59-1 | Isophorone | 790 | U | 790 | 510 | 2000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 720 | U | 720 | 510 | 2000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 390 | U | 390 | 510 | 2000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 540 | U | 540 | 510 | 2000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 460 | U | 460 | 510 | 2000 | ug/Kg |
| 91-20-3 | Naphthalene | 1600 | JD | 290 | 510 | 2000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 430 | U | 430 | 510 | 4000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 420 | U | 420 | 510 | 2000 | ug/Kg |
| 105-60-2 | Caprolactam | 770 | U | 770 | 990 | 4000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 490 | U | 490 | 510 | 2000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 2600 | D | 290 | 510 | 2000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 5000 | D | 390 | 510 | 2000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 1200 | U | 1200 | 990 | 4000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 290 | U | 290 | 510 | 2000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 400 | U | 400 | 510 | 2000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 310 | U | 310 | 510 | 2000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 400 | U | 400 | 510 | 2000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 540 | U | 540 | 510 | 2000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 360 | U | 360 | 510 | 2000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 240 | U | 240 | 510 | 2000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 350 | U | 350 | 510 | 2000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 790 | U | 790 | 990 | 4000 | ug/Kg |
| 83-32-9 | Acenaphthene | 310 | U | 310 | 510 | 2000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 1600 | U | 1600 | 990 | 4000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 530 | U | 530 | 990 | 4000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 330 | U | 330 | 510 | 2000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 420 | U | 420 | 510 | 2000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 400 | U | 400 | 510 | 2000 | ug/Kg |
| 86-73-7 | Fluorene | 330 | U | 330 | 510 | 2000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 240 | U | 240 | 510 | 2000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 290 | U | 290 | 990 | 4000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 460 | U | 460 | 990 | 4000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 290 | U | 290 | 510 | 2000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 410 | U | 410 | 510 | 2000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 310 | U | 310 | 510 | 2000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 340 | U | 340 | 510 | 2000 | ug/Kg |
| 1912-24-9 | Atrazine | 340 | U | 340 | 990 | 4000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 190000 | ED | 1100 | 990 | 4000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1000 | JD | 330 | 510 | 2000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 450 | U | 450 | 510 | 2000 | ug/Kg |
| 120-12-7 | Anthracene | 300 | U | 300 | 510 | 2000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 200 | U | 200 | 510 | 2000 | ug/Kg |
| 86-74-8 | Carbazole | 410 | U | 410 | 990 | 4000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 330 | U | 330 | 510 | 2000 | ug/Kg |
| 206-44-0 | Fluoranthene | 230 | U | 230 | 990 | 2000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 220 | U | 220 | 510 | 2000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 260 | U | 260 | 510 | 2000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 630 | U | 630 | 990 | 4000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 280 | U | 280 | 510 | 2000 | ug/Kg |
| 218-01-9 | Chrysene | 290 | U | 290 | 510 | 2000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 300 | U | 300 | 510 | 2000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 580 | U | 580 | 990 | 4000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 450 | U | 450 | 510 | 2000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 460 | U | 460 | 510 | 2000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 370 | U | 370 | 510 | 2000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 340 | U | 340 | 510 | 2000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 310 | U | 310 | 510 | 2000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 390 | U | 390 | 510 | 2000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 14000 | D | 430 | 510 | 2000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 3.4 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.04 | | 10-130 | | 58 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 42.83 | | 10-150 | | 107 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.97 | | 15-120 | | 50 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 14.76 | | 10-140 | | 37 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.91 | | 10-135 | | 67 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 27.38 | | 10-120 | | 68 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.71 | | 10-140 | | 62 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.69 | | 10-145 | | 59 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.93 | | 15-120 | | 60 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.35 | | 10-150 | | 51 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.49 | | 20-140 | | 59 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 22.61 | | 10-130 | | 57 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.13 | | 10-150 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.21 | | 10-130 | | 58 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.11 | | 10-140 | | 55 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 42270 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 174229 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 142609 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 330130 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 339537 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 401249 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.885 | 8200 | JD | | | 5.885 | |
| | (DEL) Alkane: Cyclic6.144 | 2500 | JD | | | 6.144 | |
| | (DEL) Alkane: Straight-Chain6.261 | 1800 | JD | | | 6.261 | |
| 000098-82-8 | Benzene, (1-methylethyl)- | 3100 | JD | | | 6.355 | |
| | (DEL) Alkane: Straight-Chain6.426 | 3100 | JD | | | 6.426 | |
| | (DEL) Alkane: Straight-Chain6.508 | 3400 | JD | | | 6.508 | |
| | (DEL) Alkane: Straight-Chain6.761 | 2300 | JD | | | 6.761 | |
| | (DEL) Alkane: Straight-Chain6.855 | 8500 | JD | | | 6.855 | |
| | (DEL) Alkane: Straight-Chain6.913 | 5700 | JD | | | 6.913 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 7000 | JD | | | 6.954 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 4200 | JD | | | 7.084 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 5200 | JD | | | 7.248 | |
| | (DEL) Alkane: Straight-Chain7.489 | 37000 | JD | | | 7.489 | |
| 007289-40-9 | Ether, heptyl hexyl | 2100 | JD | | | 7.695 | |
| | unknown-01 | 3000 | JD | | | 7.777 | |
| 1000383-13-3 | Carbonic acid, isobutyl 2-ethylhex | 4600 | JD | | | 7.918 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 4200 | JD | | | 7.971 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.053 | 2100 | JD | | | 8.053 | |
| | (DEL) Alkane: Straight-Chain8.118 | 1200 | JD | | | 8.118 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 7300 | JD | | | 8.282 | |
| | (DEL) Alkane: Straight-Chain8.394 | 6400 | JD | | | 8.394 | |
| | (DEL) Alkane: Straight-Chain8.447 | 2600 | JD | | | 8.447 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 5600 | JD | | | 8.5 | |
| | (DEL) Alkane: Straight-Chain8.623 | 5500 | JD | | | 8.623 | |
| 002783-26-8 | 2-Tolyloxirane | 4200 | JD | | | 8.658 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 3300 | JD | | | 8.805 | |
| 000099-87-6 | p-Cymene | 4400 | JD | | | 8.858 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 6800 | JD | | | 8.964 | |
| | (DEL) Alkane: Straight-Chain9.087 | 22000 | JD | | | 9.087 | |
| 004116-93-2 | 2,8-Decadiyne | 5300 | JD | | | 9.211 | |
| | (DEL) Alkane: Straight-Chain9.933 | 1500 | JD | | | 9.933 | |
| | (DEL) Alkane: Straight-Chain11.672 | 1100 | JD | | | 11.672 | |
| | (DEL) Alkane: Straight-Chain12.072 | 2100 | JD | | | 12.072 | |
| | (DEL) Alkane: Straight-Chain13.030 | 2200 | JD | | | 13.03 | |
| | (DEL) Alkane: Straight-Chain13.318 | 6300 | JD | | | 13.318 | |
| 001127-76-0 | Naphthalene, 1-ethyl- | 2900 | JD | | | 13.523 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 6400 | JD | | | 13.664 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 5300 | JD | | | 13.811 | |
| | (DEL) Alkane: Straight-Chain13.976 | 1500 | JD | | | 13.976 | |
| | (DEL) Alkane: Straight-Chain14.393 | 6300 | JD | | | 14.393 | |
| | unknown-02 | 2100 | JD | | | 14.569 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 2700 | JD | | | 14.892 | |
| 002131-42-2 | Naphthalene, 1,4,6-trimethyl- | 2600 | JD | | | 14.963 | |
| | (DEL) Alkane: Straight-Chain15.016 | 2200 | JD | | | 15.016 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 1800 | JD | | | 15.274 | |
| | (DEL) Alkane: Straight-Chain15.345 | 5700 | JD | | | 15.345 | |
| | unknown-03 | 2500 | JD | | | 15.756 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC52DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-16DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.2 |
| 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 |
|---|---|---|---|---|
| BG062928.D | 10 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.903 | 1400 | JD | | | 15.903 | |
| | (DEL) Alkane: Straight-Chain16.208 | 8700 | JD | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.002 | 4600 | JD | | | 17.002 | |
| 000132-65-0 | Dibenzothiophene | 3900 | JD | | | 17.06 | |
| 002050-77-3 | Decane, 1-iodo- | 5100 | JD | | | 17.742 | |
| 067388-11-8 | 4-Methylnaphtho[1,2-b]thiophene | 1800 | JD | | | 17.818 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 4700 | JD | | | 17.912 | |
| | (DEL) Alkane: Straight-Chain18.435 | 4300 | JD | | | 18.435 | |
| | (DEL) Alkane: Straight-Chain19.070 | 3000 | JD | | | 19.07 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 3200 | JD | | | 19.222 | |
| | (DEL) Alkane: Straight-Chain20.180 | 2100 | JD | | | 20.18 | |
| | (DEL) Alkane: Straight-Chain20.674 | 1500 | JD | | | 20.674 | |
| | unknown-04 | 7600 | JD | | | 21.167 | |
| | (DEL) Alkane: Straight-Chain21.690 | 2100 | JD | | | 21.69 | |
| 000142-57-4 | 9-Octadecenoic acid (Z)-, pentyl e | 4300 | JD | | | 22.148 | |
| | (DEL) Alkane: Straight-Chain22.266 | 3500 | JD | | | 22.266 | |
| | (DEL) Alkane: Straight-Chain22.918 | 1100 | JD | | | 22.918 | |
| | (DEL) Alkane: Straight-Chain23.670 | 960 | JD | | | 23.67 | |
| E966796 | Total Alkanes | 170000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 700 | U | 700 | 170 | 1700 | ug/Kg |
| 110-86-1 | Pyridine | 2000 | U | 2000 | 4300 | 8500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 1500 | U | 1500 | 2100 | 8500 | ug/Kg |
| 108-95-2 | Phenol | 780 | U | 780 | 2100 | 8500 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 750 | U | 750 | 2100 | 8500 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 720 | U | 720 | 1100 | 4400 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 800 | U | 800 | 2100 | 8500 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1000 | U | 1000 | 2100 | 8500 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2100 | 8500 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1400 | U | 1400 | 2100 | 8500 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2000 | U | 2000 | 1100 | 4400 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1600 | U | 1600 | 1100 | 4400 | ug/Kg |
| 98-95-3 | Nitrobenzene | 1700 | U | 1700 | 1100 | 4400 | ug/Kg |
| 78-59-1 | Isophorone | 1700 | U | 1700 | 1100 | 4400 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1600 | U | 1600 | 1100 | 4400 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 830 | U | 830 | 1100 | 4400 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1100 | 4400 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 980 | U | 980 | 1100 | 4400 | ug/Kg |
| 91-20-3 | Naphthalene | 3900 | JD | 620 | 1100 | 4400 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 930 | U | 930 | 1100 | 8500 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 900 | U | 900 | 1100 | 4400 | ug/Kg |
| 105-60-2 | Caprolactam | 1700 | U | 1700 | 2100 | 8500 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1100 | U | 1100 | 1100 | 4400 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 5000 | D | 620 | 1100 | 4400 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 8400 | D | 830 | 1100 | 4400 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2500 | U | 2500 | 2100 | 8500 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 620 | U | 620 | 1100 | 4400 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 850 | U | 850 | 1100 | 4400 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 670 | U | 670 | 1100 | 4400 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 850 | U | 850 | 1100 | 4400 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1200 | U | 1200 | 1100 | 4400 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 780 | U | 780 | 1100 | 4400 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 520 | U | 520 | 1100 | 4400 | ug/Kg |
| 208-96-8 | Acenaphthylene | 750 | U | 750 | 1100 | 4400 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1700 | U | 1700 | 2100 | 8500 | ug/Kg |
| 83-32-9 | Acenaphthene | 670 | U | 670 | 1100 | 4400 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3400 | U | 3400 | 2100 | 8500 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1100 | U | 1100 | 2100 | 8500 | ug/Kg |
| 132-64-9 | Dibenzofuran | 700 | U | 700 | 1100 | 4400 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 900 | U | 900 | 1100 | 4400 | ug/Kg |
| 84-66-2 | Diethylphthalate | 850 | U | 850 | 1100 | 4400 | ug/Kg |
| 86-73-7 | Fluorene | 700 | U | 700 | 1100 | 4400 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 520 | U | 520 | 1100 | 4400 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 620 | U | 620 | 2100 | 8500 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 980 | U | 980 | 2100 | 8500 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 620 | U | 620 | 1100 | 4400 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 880 | U | 880 | 1100 | 4400 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 670 | U | 670 | 1100 | 4400 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 720 | U | 720 | 1100 | 4400 | ug/Kg |
| 1912-24-9 | Atrazine | 720 | U | 720 | 2100 | 8500 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 680000 | ED | 2300 | 2100 | 8500 | ug/Kg |
| 85-01-8 | Phenanthrene | 1800 | JD | 700 | 1100 | 4400 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 960 | U | 960 | 1100 | 4400 | ug/Kg |
| 120-12-7 | Anthracene | 650 | U | 650 | 1100 | 4400 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 440 | U | 440 | 1100 | 4400 | ug/Kg |
| 86-74-8 | Carbazole | 880 | U | 880 | 2100 | 8500 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 700 | U | 700 | 1100 | 4400 | ug/Kg |
| 206-44-0 | Fluoranthene | 490 | U | 490 | 2100 | 4400 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 470 | U | 470 | 1100 | 4400 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 570 | U | 570 | 1100 | 4400 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 1300 | U | 1300 | 2100 | 8500 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 590 | U | 590 | 1100 | 4400 | ug/Kg |
| 218-01-9 | Chrysene | 620 | U | 620 | 1100 | 4400 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 650 | U | 650 | 1100 | 4400 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1200 | U | 1200 | 2100 | 8500 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 960 | U | 960 | 1100 | 4400 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 980 | U | 980 | 1100 | 4400 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 800 | U | 800 | 1100 | 4400 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 720 | U | 720 | 1100 | 4400 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 670 | U | 670 | 1100 | 4400 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 830 | U | 830 | 1100 | 4400 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 54000 | D | 930 | 1100 | 4400 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.8 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 9.04 | | 10-130 | | 23 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.48 | | 10-150 | | 59 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 13.16 | | 15-120 | | 33 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 10.54 | | 10-135 | | 26 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 11.54 | | 10-120 | | 29 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 13.26 | | 10-140 | | 33 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 17 | | 10-145 | | 43 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 15.48 | | 15-120 | | 39 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 17.8 | | 20-140 | | 44 | SPK: -40 |

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| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 15.36 | | 10-150 | | 38 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 13.08 | | 10-130 | | 33 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 10.22 | | 10-140 | | 26 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 38183 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 155193 | 10.649 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 121201 | 14.485 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 296306 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 300338 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 359429 | 24.532 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.890 | 18000 | JD | | | 5.89 | |
| | unknown-01 | 5500 | JD | | | 6.142 | |
| 063621-15-8 | 2,4-Nonadiyne | 6700 | JD | | | 6.36 | |
| | (DEL) Alkane: Straight-Chain6.424 | 5900 | JD | | | 6.424 | |
| | (DEL) Alkane: Cyclic6.506 | 7000 | JD | | | 6.506 | |
| 1000411-34-1 | 5-[2-Tert-butyldiazen-1-yl]-2-meth | 4000 | JD | | | 6.536 | |
| | (DEL) Alkane: Straight-Chain6.765 | 4900 | JD | | | 6.765 | |
| | (DEL) Alkane: Straight-Chain6.859 | 17000 | JD | | | 6.859 | |
| | (DEL) Alkane: Straight-Chain6.912 | 10000 | JD | | | 6.912 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 14000 | JD | | | 6.953 | |
| | (DEL) Alkane: Straight-Chain7.018 | 22000 | JD | | | 7.018 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 8000 | JD | | | 7.088 | |
| 000108-67-8 | Mesitylene | 9000 | JD | | | 7.253 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 9500 | JD | | | 7.288 | |
| 000109-21-7 | Butanoic acid, butyl ester | 4700 | JD | | | 7.376 | |
| | (DEL) Alkane: Straight-Chain7.488 | 71000 | JD | | | 7.488 | |
| | (DEL) Alkane: Straight-Chain7.693 | 4200 | JD | | | 7.693 | |

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| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain7.787 | 8000 | JD | | | 7.787 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 22000 | JD | | | 7.922 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 9600 | JD | | | 7.975 | |
| 1000282-04-8 | Methoxyacetic acid, 2-tetradecyl e | 5000 | JD | | | 8.052 | |
| | (DEL) Alkane: Cyclic8.146 | 6200 | JD | | | 8.146 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 19000 | JD | | | 8.281 | |
| | unknown-02 | 4900 | JD | | | 8.334 | |
| | (DEL) Alkane: Straight-Chain8.392 | 13000 | JD | | | 8.392 | |
| 1000309-15-7 | Sulfurous acid, octyl 2-pentyl est | 4900 | JD | | | 8.451 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 9600 | JD | | | 8.498 | |
| | (DEL) Alkane: Straight-Chain8.627 | 13000 | JD | | | 8.627 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 9200 | JD | | | 8.657 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 6500 | JD | | | 8.81 | |
| 000535-77-3 | Benzene, 1-methyl-3-(1-methylethyl | 8800 | JD | | | 8.857 | |
| 000874-41-9 | Benzene, 1-ethyl-2,4-dimethyl- | 16000 | JD | | | 8.962 | |
| | (DEL) Alkane: Straight-Chain9.086 | 53000 | JD | | | 9.086 | |
| | unknown-03 | 5700 | JD | | | 9.174 | |
| | unknown-04 | 9300 | JD | | | 9.209 | |
| | (DEL) Alkane: Cyclic9.791 | 1900 | JD | | | 9.791 | |
| | unknown-05 | 5200 | JD | | | 11.025 | |
| | (DEL) Alkane: Straight-Chain11.154 | 3900 | JD | | | 11.154 | |
| | (DEL) Alkane: Straight-Chain12.076 | 4700 | JD | | | 12.076 | |
| | (DEL) Alkane: Cyclic12.106 | 2000 | JD | | | 12.106 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl e | 5300 | JD | | | 12.899 | |
| | (DEL) Alkane: Straight-Chain13.316 | 17000 | JD | | | 13.316 | |
| | unknown-06 | 8100 | JD | | | 13.534 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 11000 | JD | | | 13.669 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl ester | 7000 | JD | | | 13.751 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 10000 | JD | | | 13.81 | |
| | (DEL) Alkane: Straight-Chain13.980 | 8000 | JD | | | 13.98 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC53DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-17DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.9 |
| 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 |
|---|---|---|---|---|
| BG062929.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain14.397 | 15000 | JD | | | 14.397 | |
| | unknown-07 | 6200 | JD | | | 14.562 | |
| | (DEL) Alkane: Cyclic15.020 | 4900 | JD | | | 15.02 | |
| | (DEL) Alkane: Straight-Chain15.349 | 14000 | JD | | | 15.349 | |
| | (DEL) Alkane: Straight-Chain15.755 | 8000 | JD | | | 15.755 | |
| | (DEL) Alkane: Straight-Chain16.213 | 14000 | JD | | | 16.213 | |
| | (DEL) Alkane: Straight-Chain17.006 | 12000 | JD | | | 17.006 | |
| | (DEL) Alkane: Straight-Chain17.059 | 7700 | JD | | | 17.059 | |
| | (DEL) Alkane: Straight-Chain17.740 | 10000 | JD | | | 17.74 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 10000 | JD | | | 17.917 | |
| | (DEL) Alkane: Straight-Chain18.434 | 7600 | JD | | | 18.434 | |
| 056554-48-4 | 14-Octadecenoic acid, methyl ester | 16000 | JD | | | 19.086 | |
| | (DEL) Alkane: Straight-Chain19.650 | 3600 | JD | | | 19.65 | |
| | (DEL) Alkane: Straight-Chain20.185 | 3700 | JD | | | 20.185 | |
| | (DEL) Alkane: Straight-Chain20.678 | 3100 | JD | | | 20.678 | |
| | (DEL) Alkane: Straight-Chain21.166 | 7200 | JD | | | 21.166 | |
| | (DEL) Alkane: Straight-Chain22.141 | 4000 | JD | | | 22.141 | |
| E966796 | Total Alkanes | 410000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 620 | U | 620 | 150 | 1500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 1300 | U | 1300 | 1900 | 7600 | ug/Kg |
| 110-86-1 | Pyridine | 1800 | U | 1800 | 3800 | 7600 | ug/Kg |
| 108-95-2 | Phenol | 690 | U | 690 | 1900 | 7600 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 670 | U | 670 | 1900 | 7600 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 640 | U | 640 | 970 | 3900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 710 | U | 710 | 1900 | 7600 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 920 | U | 920 | 1900 | 7600 | ug/Kg |
| 98-86-2 | Acetophenone | 1500 | U | 1500 | 1900 | 7600 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1200 | U | 1200 | 1900 | 7600 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1800 | U | 1800 | 970 | 3900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1400 | U | 1400 | 970 | 3900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 1500 | U | 1500 | 970 | 3900 | ug/Kg |
| 78-59-1 | Isophorone | 1500 | U | 1500 | 970 | 3900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1400 | U | 1400 | 970 | 3900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 730 | U | 730 | 970 | 3900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1000 | U | 1000 | 970 | 3900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 870 | U | 870 | 970 | 3900 | ug/Kg |
| 91-20-3 | Naphthalene | 2700 | JD | 550 | 970 | 3900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 830 | U | 830 | 970 | 7600 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 800 | U | 800 | 970 | 3900 | ug/Kg |
| 105-60-2 | Caprolactam | 1500 | U | 1500 | 1900 | 7600 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 940 | U | 940 | 970 | 3900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4700 | D | 550 | 970 | 3900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 7900 | D | 730 | 970 | 3900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2200 | U | 2200 | 1900 | 7600 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 550 | U | 550 | 970 | 3900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 760 | U | 760 | 970 | 3900 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 600 | U | 600 | 970 | 3900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 760 | U | 760 | 970 | 3900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1000 | U | 1000 | 970 | 3900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 690 | U | 690 | 970 | 3900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 460 | U | 460 | 970 | 3900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 670 | U | 670 | 970 | 3900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 1900 | 7600 | ug/Kg |
| 83-32-9 | Acenaphthene | 600 | U | 600 | 970 | 3900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3000 | U | 3000 | 1900 | 7600 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1000 | U | 1000 | 1900 | 7600 | ug/Kg |
| 132-64-9 | Dibenzofuran | 620 | U | 620 | 970 | 3900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 800 | U | 800 | 970 | 3900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 760 | U | 760 | 970 | 3900 | ug/Kg |
| 86-73-7 | Fluorene | 620 | U | 620 | 970 | 3900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 460 | U | 460 | 970 | 3900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 550 | U | 550 | 1900 | 7600 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 870 | U | 870 | 1900 | 7600 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 550 | U | 550 | 970 | 3900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 780 | U | 780 | 970 | 3900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 600 | U | 600 | 970 | 3900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 640 | U | 640 | 970 | 3900 | ug/Kg |
| 1912-24-9 | Atrazine | 640 | U | 640 | 1900 | 7600 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 520000 | ED | 2000 | 1900 | 7600 | ug/Kg |
| 85-01-8 | Phenanthrene | 1900 | JD | 620 | 970 | 3900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 850 | U | 850 | 970 | 3900 | ug/Kg |
| 120-12-7 | Anthracene | 570 | U | 570 | 970 | 3900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 390 | U | 390 | 970 | 3900 | ug/Kg |
| 86-74-8 | Carbazole | 780 | U | 780 | 1900 | 7600 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 620 | U | 620 | 970 | 3900 | ug/Kg |
| 206-44-0 | Fluoranthene | 440 | U | 440 | 1900 | 3900 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 410 | U | 410 | 970 | 3900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 500 | U | 500 | 970 | 3900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 1200 | U | 1200 | 1900 | 7600 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 530 | U | 530 | 970 | 3900 | ug/Kg |
| 218-01-9 | Chrysene | 550 | U | 550 | 970 | 3900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 570 | U | 570 | 970 | 3900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1100 | U | 1100 | 1900 | 7600 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 850 | U | 850 | 970 | 3900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 870 | U | 870 | 970 | 3900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 710 | U | 710 | 970 | 3900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 640 | U | 640 | 970 | 3900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 600 | U | 600 | 970 | 3900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 730 | U | 730 | 970 | 3900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 37000 | D | 830 | 970 | 3900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.8 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 27.42 | | 10-130 | | 69 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 47.66 | | 10-150 | | 119 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.4 | | 15-120 | | 66 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 10-140 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 18.26 | | 10-135 | | 46 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 23 | | 10-120 | | 57 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.74 | | 10-140 | | 64 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 37.82 | | 1-145 | | 95 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 29.18 | | 10-145 | | 73 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.52 | | 15-120 | | 64 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 33.18 | | 20-140 | | 83 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 117.36 | * | 10-130 | | 293 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 28.44 | | 10-150 | | 71 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 26.42 | | 10-130 | | 66 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25.92 | | 10-140 | | 65 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41243 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 161614 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 131176 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 300826 | 17.244 | | | | |
| 1719-03-5 | Chrysene-d12 | 313047 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 373686 | 24.535 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000107-92-6 | Butanoic acid | 4400 | JD | | | 4.007 | |
| | (DEL) Alkane: Straight-Chain5.887 | 8100 | JD | | | 5.887 | |
| 000628-81-9 | Butane, 1-ethoxy- | 4000 | JD | | | 6.169 | |
| | unknown-01 | 4100 | JD | | | 6.357 | |
| | (DEL) Alkane: Straight-Chain6.427 | 3800 | JD | | | 6.427 | |
| | (DEL) Alkane: Cyclic6.510 | 5200 | JD | | | 6.51 | |
| | (DEL) Alkane: Straight-Chain6.856 | 7400 | JD | | | 6.856 | |
| | (DEL) Alkane: Straight-Chain6.915 | 8300 | JD | | | 6.915 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 8600 | JD | | | 6.95 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 5400 | JD | | | 7.085 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 6600 | JD | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 7500 | JD | | | 7.285 | |
| | (DEL) Alkane: Straight-Chain7.491 | 55000 | JD | | | 7.491 | |
| | (DEL) Alkane: Straight-Chain7.779 | 6400 | JD | | | 7.779 | |
| 1000365-19-7 | 2-Propyl-1-Pentanol, trifluoroacet | 17000 | JD | | | 7.92 | |
| 000108-67-8 | Mesitylene | 7300 | JD | | | 7.973 | |
| | (DEL) Alkane: Cyclic8.149 | 4800 | JD | | | 8.149 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 12000 | JD | | | 8.278 | |
| | unknown-02 | 11000 | JD | | | 8.396 | |
| | (DEL) Alkane: Straight-Chain8.448 | 4500 | JD | | | 8.448 | |
| 000934-74-7 | Benzene, 1-ethyl-3,5-dimethyl- | 10000 | JD | | | 8.495 | |
| | (DEL) Alkane: Straight-Chain8.625 | 10000 | JD | | | 8.625 | |
| 000093-53-8 | Benzeneacetaldehyde, .alpha.-methy | 7800 | JD | | | 8.66 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 6100 | JD | | | 8.807 | |
| 002870-04-4 | Benzene, 2-ethyl-1,3-dimethyl- | 7900 | JD | | | 8.86 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 14000 | JD | | | 8.96 | |
| | (DEL) Alkane: Straight-Chain9.089 | 45000 | JD | | | 9.089 | |
| | unknown-03 | 4800 | JD | | | 9.171 | |
| | unknown-04 | 7500 | JD | | | 9.212 | |
| | (DEL) Alkane: Straight-Chain9.929 | 2600 | JD | | | 9.929 | |
| | (DEL) Alkane: Straight-Chain10.076 | 1700 | JD | | | 10.076 | |
| | (DEL) Alkane: Straight-Chain11.028 | 5000 | JD | | | 11.028 | |
| | (DEL) Alkane: Straight-Chain11.151 | 3400 | JD | | | 11.151 | |
| | (DEL) Alkane: Straight-Chain11.563 | 1900 | JD | | | 11.563 | |
| | (DEL) Alkane: Cyclic11.909 | 2100 | JD | | | 11.909 | |
| | (DEL) Alkane: Straight-Chain12.074 | 3900 | JD | | | 12.074 | |
| | (DEL) Alkane: Cyclic12.109 | 1700 | JD | | | 12.109 | |
| | (DEL) Alkane: Straight-Chain12.896 | 2800 | JD | | | 12.896 | |
| | (DEL) Alkane: Straight-Chain13.031 | 4500 | JD | | | 13.031 | |
| 019218-94-1 | Tetradecane, 1-iodo- | 13000 | JD | | | 13.319 | |
| | unknown-05 | 6700 | JD | | | 13.531 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 10000 | JD | | | 13.666 | |
| 000575-41-7 | Naphthalene, 1,3-dimethyl- | 8900 | JD | | | 13.813 | |
| 1000406-38-6 | Hexadecyl octyl ether | 5800 | JD | | | 13.977 | |
| | (DEL) Alkane: Straight-Chain14.395 | 11000 | JD | | | 14.395 | |
| 002131-42-2 | Naphthalene, 1,4,6-trimethyl- | 5000 | JD | | | 14.7 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 4800 | JD | | | 14.894 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVZ9DL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3899-05DL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 13.1 |
| 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 |
|---|---|---|---|---|
| BG062930.D | 20 | 9/12/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.017 | 3700 | JD | | | 15.017 | |
| | (DEL) Alkane: Straight-Chain15.346 | 11000 | JD | | | 15.346 | |
| 1010104-10-8 | 3-Methyl-4-(methoxycarbonyl)hexa-2 | 7600 | JD | | | 15.758 | |
| | (DEL) Alkane: Straight-Chain15.852 | 3400 | JD | | | 15.852 | |
| | (DEL) Alkane: Straight-Chain16.210 | 13000 | JD | | | 16.21 | |
| | (DEL) Alkane: Straight-Chain17.003 | 11000 | JD | | | 17.003 | |
| | (DEL) Alkane: Straight-Chain17.056 | 7800 | JD | | | 17.056 | |
| | (DEL) Alkane: Straight-Chain17.744 | 9500 | JD | | | 17.744 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 9500 | JD | | | 17.914 | |
| | (DEL) Alkane: Straight-Chain18.437 | 7900 | JD | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.071 | 8200 | JD | | | 19.071 | |
| 056555-10-3 | 4-Octadecenoic acid, methyl ester | 7200 | JD | | | 19.089 | |
| 025779-85-5 | Cyclopentaneundecanoic acid, methy | 5300 | JD | | | 19.224 | |
| | (DEL) Alkane: Straight-Chain20.182 | 3600 | JD | | | 20.182 | |
| | (DEL) Alkane: Straight-Chain20.675 | 2500 | JD | | | 20.675 | |
| 1000383-13-8 | Carbonic acid, 2-ethylhexyl undecy | 8700 | JD | | | 21.169 | |
| | (DEL) Alkane: Straight-Chain21.686 | 3100 | JD | | | 21.686 | |
| | (DEL) Alkane: Straight-Chain22.268 | 4900 | JD | | | 22.268 | |
| E966796 | Total Alkanes | 290000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B21 | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-05 | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | |
| Extraction Type : | Decanted : | Level : | LOW |
| Injection Volume : | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062931.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B21 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062931.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B21 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062931.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.032 | | 15-120 | | 50 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 7.066 | * | 20-120 | | 18 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.304 | | 10-130 | | 18 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.108 | | 25-120 | | 53 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.58 | | 20-130 | | 51 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.592 | | 25-125 | | 39 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 20.865 | | 20-125 | | 52 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 23.272 | | 20-130 | | 58 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.317 | | 20-120 | | 58 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.972 | | 1-146 | | 50 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.978 | | 25-130 | | 60 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.629 | | 10-130 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.759 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.412 | | 25-125 | | 59 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B21 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-05 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062931.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 22.624 | | 10-130 | | 57 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.437 | | 25-130 | | 61 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.906 | | 15-130 | | 62 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25.892 | | 20-130 | | 65 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 46119 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 198576 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 160957 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 379090 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 382382 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 445167 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000143-07-7 | Dodecanoic acid | 4.2 | J | | | 14.914 | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS3 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062932.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.84 | U | 0.84 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.91 | U | 0.91 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.95 | U | 0.95 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 21 | | 0.71 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 3 | U | 3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.2 | U | 3.2 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.82 | U | 0.82 | 2.6 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS3 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062932.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 6.5 | | 0.89 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.98 | U | 0.98 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.98 | U | 0.98 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.6 | U | 2.6 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.94 | U | 0.94 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS3 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062932.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.77 | U | 0.77 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.843 | | 15-120 | | 36 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 7.171 | * | 20-120 | | 18 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 8.178 | | 10-130 | | 20 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 24.375 | | 25-120 | | 61 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 22.245 | | 20-130 | | 56 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.854 | | 25-125 | | 45 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.866 | | 20-125 | | 62 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 27.874 | | 20-130 | | 70 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.015 | | 20-120 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.845 | | 1-146 | | 50 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 29.538 | | 25-130 | | 74 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 26.497 | | 10-130 | | 66 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 8.972 | | 10-150 | | 22 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 28.792 | | 25-125 | | 72 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS3 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062932.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 31.152 | | 10-130 | | 78 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 30.426 | | 25-130 | | 76 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 30.531 | | 15-130 | | 76 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 32.078 | | 20-130 | | 80 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 50770 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 209240 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 166339 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 382283 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 393316 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 468951 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000100-41-4 | Ethylbenzene | 140 | J | | | 5.385 | |
| 000095-47-6 | o-Xylene | 250 | J | | | 5.52 | |
| | unknown-01 | 7.3 | J | | | 5.826 | |
| 000098-82-8 | Benzene, (1-methylethyl)- | 3.7 | J | | | 6.355 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 4.7 | J | | | 6.954 | |
| 063621-15-8 | 2,4-Nonadiyne | 4.9 | J | | | 7.083 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 4.5 | J | | | 7.254 | |
| | unknown-02 | 3.2 | J | | | 7.283 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 16 | J | | | 7.506 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 11 | J | | | 7.97 | |
| 000873-49-4 | Benzene, cyclopropyl- | 5.8 | J | | | 8.229 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 57 | J | | | 8.282 | |
| 002085-88-3 | Oxirane, 2-methyl-2-phenyl- | 3.2 | J | | | 8.405 | |
| 000933-48-2 | Cyclohexanol, 3,3,5-trimethyl-, ci | 32 | J | | | 8.476 | |
| 000112-36-7 | Diethyl carbitol | 16 | J | | | 8.652 | |
| 002516-93-0 | Butoxyacetic acid | 12 | J | | | 8.822 | |
| 002870-04-4 | Benzene, 2-ethyl-1,3-dimethyl- | 11 | J | | | 8.957 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AS3 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062932.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 3.4 | J | | | 9.292 | |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 6.9 | J | | | 9.48 | |
| 000527-84-4 | o-Cymene | 12 | J | | | 9.539 | |
| 003290-53-7 | Benzene, (2-methyl-2-propenyl)- | 11 | J | | | 10.05 | |
| 000083-33-0 | 1H-Inden-1-one, 2,3-dihydro- | 9.4 | J | | | 12.019 | |
| 035587-60-1 | 1-Methylindan-2-one | 4.8 | J | | | 12.518 | |
| 000826-18-6 | Benzene, 1-pentenyl- | 5.2 | J | | | 12.941 | |
| 000619-04-5 | Benzoic acid, 3,4-dimethyl- | 3.8 | J | | | 13.276 | |
| 000611-15-4 | Benzene, 1-ethenyl-2-methyl- | 4.1 | J | | | 13.446 | |
| 000480-63-7 | Benzoic acid, 2,4,6-trimethyl- | 18 | J | | | 13.517 | |
| 000300-57-2 | Benzene, 2-propenyl- | 8 | J | | | 13.617 | |
| | unknown-03 | 50 | J | | | 15.661 | |
| 1000301-09-0 | Benzenesulfonylamino-acetic acid, | 6.3 | J | | | 17.042 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|
| Client: | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AT1 | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-12 | 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 |
|---|---|---|---|---|
| BG062933.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AT1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-12 | | | 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 |
|---|---|---|---|---|
| BG062933.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AT1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-12 | | | 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 |
|---|---|---|---|---|
| BG062933.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.749 | | 15-120 | | 34 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.879 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.598 | | 10-130 | | 19 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.613 | | 25-120 | | 67 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.81 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.854 | | 25-125 | | 45 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.329 | | 20-125 | | 68 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 30.017 | | 20-130 | | 75 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.451 | | 20-120 | | 69 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.05 | | 1-146 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 29.166 | | 25-130 | | 73 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 27.726 | | 10-130 | | 69 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 6.651 | | 10-150 | | 17 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 29.042 | | 25-125 | | 73 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/11/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/11/2024 12:00:00 AM |
| Client Sample ID: | C0AT1 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-12 | | | 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 |
|---|---|---|---|---|
| BG062933.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.768 | | 10-130 | | 69 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 29.928 | | 25-130 | | 75 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.434 | | 15-130 | | 71 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 30.666 | | 20-130 | | 77 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47375 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 201329 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 162946 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 383361 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 404918 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 467158 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP7 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-13 | | | 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 |
|---|---|---|---|---|
| BG062934.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP7 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-13 | | | 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 |
|---|---|---|---|---|
| BG062934.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP7 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-13 | | | 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 |
|---|---|---|---|---|
| BG062934.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.079 | | 15-120 | | 38 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.923 | * | 20-120 | | 15 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 7.887 | | 10-130 | | 20 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.83 | | 25-120 | | 52 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.664 | | 20-130 | | 49 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 16.602 | | 25-125 | | 42 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 20.495 | | 20-125 | | 51 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 23.186 | | 20-130 | | 58 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.453 | | 20-120 | | 54 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 11.749 | | 1-146 | | 29 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.044 | | 25-130 | | 60 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.617 | | 10-130 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.143 | | 10-150 | | 18 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.551 | | 25-125 | | 61 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP7 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-13 | | | 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 |
|---|---|---|---|---|
| BG062934.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.045 | | 10-130 | | 58 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.796 | | 25-130 | | 64 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.561 | | 15-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 28.026 | | 20-130 | | 70 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47189 | 7.857 | | | | |
| 1146-65-2 | Naphthalene-d8 | 207514 | 10.648 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 157122 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 379301 | 17.24 | | | | |
| 1719-03-5 | Chrysene-d12 | 384997 | 21.488 | | | | |
| 1520-96-3 | Perylene-d12 | 433043 | 24.532 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | unknown-01 | 2.8 | J | | | 14.438 | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-14 | | | 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 |
|---|---|---|---|---|
| BG062935.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.83 | U | 0.83 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.9 | U | 0.9 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.94 | U | 0.94 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.99 | U | 0.99 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.81 | U | 0.81 | 2.5 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-14 | | | 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 |
|---|---|---|---|---|
| BG062935.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 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 | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.97 | U | 0.97 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.91 | U | 0.91 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.97 | U | 0.97 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.93 | U | 0.93 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-14 | | | 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 |
|---|---|---|---|---|
| BG062935.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.76 | U | 0.76 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.667 | | 15-120 | | 46 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.235 | * | 20-120 | | 16 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 9.185 | | 10-130 | | 23 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.312 | | 25-120 | | 66 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.034 | | 20-130 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.978 | | 25-125 | | 50 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.659 | | 20-125 | | 69 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.634 | | 20-130 | | 72 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.214 | | 20-120 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 14.137 | | 1-146 | | 35 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 30.568 | | 25-130 | | 76 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 28.499 | | 10-130 | | 71 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.835 | | 10-150 | | 20 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 29.009 | | 25-125 | | 73 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AP9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-14 | | | 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 |
|---|---|---|---|---|
| BG062935.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.953 | | 10-130 | | 70 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 29.915 | | 25-130 | | 75 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 29.485 | | 15-130 | | 74 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 31.403 | | 20-130 | | 79 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45350 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 195807 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 157380 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 372280 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 386339 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 441765 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AR0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-15 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062936.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.84 | U | 0.84 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.91 | U | 0.91 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.95 | U | 0.95 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 3 | U | 3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.2 | U | 3.2 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.82 | U | 0.82 | 2.6 | 5.1 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AR0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-15 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062936.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.98 | U | 0.98 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.98 | U | 0.98 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.6 | U | 2.6 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.94 | U | 0.94 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AR0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-15 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062936.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.77 | U | 0.77 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.28 | | 15-120 | | 41 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.63 | * | 20-120 | | 17 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 9.195 | | 10-130 | | 23 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.525 | | 25-120 | | 66 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.382 | | 20-130 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.747 | | 25-125 | | 47 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.915 | | 20-125 | | 62 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 27.574 | | 20-130 | | 69 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.765 | | 20-120 | | 59 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.758 | | 1-146 | | 49 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.164 | | 25-130 | | 68 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 24.621 | | 10-130 | | 62 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.942 | | 10-150 | | 20 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.453 | | 25-125 | | 66 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/12/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/12/2024 12:00:00 AM |
| Client Sample ID: | C0AR0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3997-15 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062936.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 25.297 | | 10-130 | | 63 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 27.796 | | 25-130 | | 69 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 28.747 | | 15-130 | | 72 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 28.781 | | 20-130 | | 72 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47660 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 195729 | 10.647 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 157753 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 386713 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 377203 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 446239 | 24.536 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000108-88-3 | Toluene | 19 | J | | | 4.072 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BS | | | 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 |
|---|---|---|---|---|
| BG062937.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 10 | | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 25 | | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 27 | | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 28 | | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 27 | | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 27 | | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 27 | | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24 | | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 28 | | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 27 | | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 26 | | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 27 | | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 28 | | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 26 | | 1.1 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 27 | | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 21 | | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 26 | | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 27 | | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 26 | | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 22 | | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 30 | | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 25 | | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 27 | | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 26 | | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 26 | | 1.6 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 25 | | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 24 | | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 27 | | 0.8 | 2.5 | 5 | ug/L |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BS | | | 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 |
|---|---|---|---|---|
| BG062937.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 27 | | 0.99 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 30 | | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 28 | | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 31 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 28 | | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 25 | | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 28 | | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 33 | | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 27 | | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 29 | | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 25 | | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 27 | | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 28 | | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 31 | | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30 | | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 27 | | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 29 | | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 30 | | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 31 | | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 20 | | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 27 | | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 28 | | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 26 | | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 27 | | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 27 | | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 26 | | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 27 | | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BS | | | 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 |
|---|---|---|---|---|
| BG062937.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 27 | | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 26 | | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 28 | | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 27 | | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 28 | | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 25 | | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 26 | | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 29 | | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 28 | | 1.1 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 29 | | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 30 | | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 29 | | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 23 | | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.955 | | 15-120 | | 62 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 24.222 | | 20-120 | | 61 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 27.059 | | 10-130 | | 68 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.944 | | 25-120 | | 65 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 27.29 | | 20-130 | | 68 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 27.368 | | 25-125 | | 68 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.287 | | 20-125 | | 66 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.485 | | 20-130 | | 71 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.129 | | 20-120 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.467 | | 1-146 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.602 | | 25-130 | | 69 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 26.197 | | 10-130 | | 65 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 26.888 | | 10-150 | | 67 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 27.586 | | 25-125 | | 69 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS434 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163434BS | | | 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 |
|---|---|---|---|---|
| BG062937.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163434 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 31.598 | | 10-130 | | 79 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.97 | | 25-130 | | 65 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 27.195 | | 15-130 | | 68 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.535 | | 20-130 | | 69 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45524 | 7.861 | | | | |
| 1146-65-2 | Naphthalene-d8 | 198522 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 153031 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 364264 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 369515 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 422940 | 24.535 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BS | | | 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 |
|---|---|---|---|---|
| BG062938.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 8.7 | | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 25 | | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 26 | | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 28 | | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 28 | | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 28 | | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 28 | | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 25 | | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 28 | | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 27 | | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 28 | | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 27 | | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 28 | | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 28 | | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 21 | | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 27 | | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 28 | | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 27 | | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 21 | | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 31 | | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 26 | | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 27 | | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 26 | | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 26 | | 1.6 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 25 | | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 23 | | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 26 | | 0.8 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BS | | | 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 |
|---|---|---|---|---|
| BG062938.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 25 | | 0.99 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 25 | | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 29 | | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 26 | | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 27 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 26 | | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 28 | | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 25 | | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 27 | | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 31 | | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 26 | | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 24 | | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 25 | | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 27 | | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 29 | | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 29 | | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 27 | | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 27 | | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 29 | | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 31 | | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 20 | | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 27 | | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 28 | | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 26 | | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 28 | | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 28 | | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 26 | | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 27 | | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BS | | | 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 |
|---|---|---|---|---|
| BG062938.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 26 | | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 26 | | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 28 | | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 27 | | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 28 | | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 25 | | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 26 | | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 28 | | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 28 | | 1.1 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 27 | | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 28 | | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 29 | | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 28 | | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 22 | | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 5.076 | | 15-120 | | 63 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 25.617 | | 20-120 | | 64 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 28.205 | | 10-130 | | 71 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 28.931 | | 25-120 | | 72 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 27.955 | | 20-130 | | 70 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 27.453 | | 25-125 | | 69 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.602 | | 20-125 | | 69 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.704 | | 20-130 | | 74 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 27.201 | | 20-120 | | 68 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.787 | | 1-146 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.219 | | 25-130 | | 68 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.786 | | 10-130 | | 64 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 26.247 | | 10-150 | | 66 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.787 | | 25-125 | | 67 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS437 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163437BS | | | 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 |
|---|---|---|---|---|
| BG062938.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163437 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 32.547 | | 10-130 | | 81 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 26.592 | | 25-130 | | 66 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 26.583 | | 15-130 | | 66 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 28.065 | | 20-130 | | 70 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47165 | 7.86 | | | | |
| 1146-65-2 | Naphthalene-d8 | 206149 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 166594 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 381192 | 17.243 | | | | |
| 1719-03-5 | Chrysene-d12 | 388113 | 21.491 | | | | |
| 1520-96-3 | Perylene-d12 | 444976 | 24.541 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062940.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062940.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062940.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.24 | | 15-120 | | 53 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 23.63 | | 20-120 | | 59 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.606 | | 10-130 | | 59 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.024 | | 25-120 | | 65 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.41 | | 20-130 | | 64 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.852 | | 25-125 | | 62 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.93 | | 20-125 | | 60 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.762 | | 20-130 | | 72 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.638 | | 20-120 | | 62 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 25.849 | | 1-146 | | 65 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 26.439 | | 25-130 | | 66 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.515 | | 10-130 | | 64 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 22.699 | | 10-150 | | 57 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.206 | | 25-125 | | 66 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062940.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 22.201 | | 10-130 | | 56 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 26.443 | | 25-130 | | 66 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 26.151 | | 15-130 | | 65 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.341 | | 20-130 | | 66 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 38976 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 158151 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 122317 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 302130 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 319746 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 373588 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062941.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 6000 | U | 6000 | 1300 | 13000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 110-86-1 | Pyridine | 22000 | U | 22000 | 31800 | 64000 | ug/Kg |
| 108-95-2 | Phenol | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 12000 | U | 12000 | 15900 | 64000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9600 | U | 9600 | 8200 | 32000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7700 | U | 7700 | 15900 | 64000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 98-86-2 | Acetophenone | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 8200 | 32000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 12000 | U | 12000 | 8200 | 32000 | ug/Kg |
| 78-59-1 | Isophorone | 7100 | U | 7100 | 8200 | 32000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3800 | U | 3800 | 8200 | 32000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4800 | U | 4800 | 8200 | 32000 | ug/Kg |
| 91-20-3 | Naphthalene | 3600 | U | 3600 | 8200 | 32000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5800 | U | 5800 | 8200 | 64000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 105-60-2 | Caprolactam | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 7100 | U | 7100 | 8200 | 32000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4000 | U | 4000 | 8200 | 32000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4900 | U | 4900 | 8200 | 32000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 17000 | U | 17000 | 15900 | 64000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062941.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5800 | U | 5800 | 8200 | 32000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5500 | U | 5500 | 8200 | 32000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 10000 | U | 10000 | 8200 | 32000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 5300 | U | 5300 | 8200 | 32000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9600 | U | 9600 | 8200 | 32000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 8300 | U | 8300 | 15900 | 64000 | ug/Kg |
| 83-32-9 | Acenaphthene | 5000 | U | 5000 | 8200 | 32000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 23000 | U | 23000 | 15900 | 64000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 10000 | U | 10000 | 15900 | 64000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 5000 | U | 5000 | 8200 | 32000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 86-73-7 | Fluorene | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7700 | U | 7700 | 15900 | 64000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 16000 | U | 16000 | 15900 | 64000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 18000 | U | 18000 | 8200 | 32000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 12000 | U | 12000 | 8200 | 32000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 14000 | U | 14000 | 8200 | 32000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1000000 | ED | 21000 | 15900 | 64000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4400 | U | 4400 | 8200 | 32000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 8200 | 32000 | ug/Kg |
| 120-12-7 | Anthracene | 3700 | U | 3700 | 8200 | 32000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 14000 | U | 14000 | 8200 | 32000 | ug/Kg |
| 86-74-8 | Carbazole | 6100 | U | 6100 | 15900 | 64000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5500 | U | 5500 | 8200 | 32000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3800 | U | 3800 | 15900 | 32000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062941.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 4000 | U | 4000 | 8200 | 32000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3300 | U | 3300 | 8200 | 32000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4900 | U | 4900 | 8200 | 32000 | ug/Kg |
| 218-01-9 | Chrysene | 4200 | U | 4200 | 8200 | 32000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3700 | U | 3700 | 8200 | 32000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 8300 | U | 8300 | 15900 | 64000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5400 | U | 5400 | 8200 | 32000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 6400 | U | 6400 | 8200 | 32000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 6000 | U | 6000 | 8200 | 32000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4900 | U | 4900 | 8200 | 32000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5800 | U | 5800 | 8200 | 32000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 91000 | D | 12000 | 8200 | 32000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 12.09 | * | 15-120 | | 151 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 50.42 | * | 20-120 | | 126 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 57.595 | * | 10-130 | | 144 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 66.415 | * | 10-150 | | 166 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 66.435 | * | 15-120 | | 166 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 57.665 | * | 10-140 | | 144 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 62.225 | * | 10-135 | | 156 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 61.58 | * | 10-120 | | 154 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 53.54 | | 10-140 | | 134 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 59.975 | * | 1-145 | | 150 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 72.72 | * | 10-145 | | 182 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 63.78 | * | 15-120 | | 159 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 36.36 | | 10-150 | | 91 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 70.94 | * | 20-140 | | 177 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062941.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 36.055 | | 10-130 | | 90 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 68.495 | * | 10-150 | | 171 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 65.87 | * | 10-130 | | 165 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 68.155 | * | 10-140 | | 170 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 14607 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 60507 | 10.649 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 47045 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 114941 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 128217 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 153529 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 5800 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062942.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 5700 | U | 5700 | 1200 | 12000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 14900 | 60000 | ug/Kg |
| 110-86-1 | Pyridine | 21000 | U | 21000 | 29800 | 60000 | ug/Kg |
| 108-95-2 | Phenol | 9000 | U | 9000 | 14900 | 60000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 11000 | U | 11000 | 14900 | 60000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9000 | U | 9000 | 7700 | 30000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7200 | U | 7200 | 14900 | 60000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 12000 | U | 12000 | 14900 | 60000 | ug/Kg |
| 98-86-2 | Acetophenone | 9000 | U | 9000 | 14900 | 60000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9000 | U | 9000 | 14900 | 60000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 7700 | 30000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 10000 | U | 10000 | 7700 | 30000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 11000 | U | 11000 | 7700 | 30000 | ug/Kg |
| 78-59-1 | Isophorone | 6600 | U | 6600 | 7700 | 30000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5200 | U | 5200 | 7700 | 30000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3600 | U | 3600 | 7700 | 30000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 5800 | U | 5800 | 7700 | 30000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4500 | U | 4500 | 7700 | 30000 | ug/Kg |
| 91-20-3 | Naphthalene | 3400 | U | 3400 | 7700 | 30000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5400 | U | 5400 | 7700 | 60000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7200 | U | 7200 | 7700 | 30000 | ug/Kg |
| 105-60-2 | Caprolactam | 12000 | U | 12000 | 14900 | 60000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 6600 | U | 6600 | 7700 | 30000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3700 | U | 3700 | 7700 | 30000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4600 | U | 4600 | 7700 | 30000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 16000 | U | 16000 | 14900 | 60000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7200 | U | 7200 | 7700 | 30000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 5800 | U | 5800 | 7700 | 30000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062942.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5500 | U | 5500 | 7700 | 30000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5100 | U | 5100 | 7700 | 30000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 9600 | U | 9600 | 7700 | 30000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 4900 | U | 4900 | 7700 | 30000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9000 | U | 9000 | 7700 | 30000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5200 | U | 5200 | 7700 | 30000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 7800 | U | 7800 | 14900 | 60000 | ug/Kg |
| 83-32-9 | Acenaphthene | 4700 | U | 4700 | 7700 | 30000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 22000 | U | 22000 | 14900 | 60000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 9600 | U | 9600 | 14900 | 60000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4700 | U | 4700 | 7700 | 30000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 5800 | U | 5800 | 7700 | 30000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 10000 | U | 10000 | 7700 | 30000 | ug/Kg |
| 86-73-7 | Fluorene | 10000 | U | 10000 | 7700 | 30000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7200 | U | 7200 | 7700 | 30000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7200 | U | 7200 | 14900 | 60000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 15000 | U | 15000 | 14900 | 60000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 17000 | U | 17000 | 7700 | 30000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5300 | U | 5300 | 7700 | 30000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 11000 | U | 11000 | 7700 | 30000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 13000 | U | 13000 | 7700 | 30000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 14900 | 60000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 320000 | D | 20000 | 14900 | 60000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4200 | U | 4200 | 7700 | 30000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 7700 | 30000 | ug/Kg |
| 120-12-7 | Anthracene | 3400 | U | 3400 | 7700 | 30000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 13000 | U | 13000 | 7700 | 30000 | ug/Kg |
| 86-74-8 | Carbazole | 5700 | U | 5700 | 14900 | 60000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5100 | U | 5100 | 7700 | 30000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3600 | U | 3600 | 14900 | 30000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062942.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 3700 | U | 3700 | 7700 | 30000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3100 | U | 3100 | 7700 | 30000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 12000 | U | 12000 | 14900 | 60000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4600 | U | 4600 | 7700 | 30000 | ug/Kg |
| 218-01-9 | Chrysene | 3900 | U | 3900 | 7700 | 30000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3400 | U | 3400 | 7700 | 30000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 7800 | U | 7800 | 14900 | 60000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 5800 | U | 5800 | 7700 | 30000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5100 | U | 5100 | 7700 | 30000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 6000 | U | 6000 | 7700 | 30000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 5600 | U | 5600 | 7700 | 30000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4600 | U | 4600 | 7700 | 30000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5400 | U | 5400 | 7700 | 30000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 23000 | JD | 11000 | 7700 | 30000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.67 | | 15-120 | | 33 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.98 | | 20-120 | | 42 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 21.845 | | 10-130 | | 55 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.21 | | 10-150 | | 58 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 22.65 | | 15-120 | | 57 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 23.74 | | 10-140 | | 59 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.495 | | 10-135 | | 54 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.375 | | 10-120 | | 53 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.35 | | 10-140 | | 53 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 21.965 | | 1-145 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.775 | | 10-145 | | 59 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.625 | | 15-120 | | 59 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 11.91 | | 10-150 | | 30 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.995 | | 20-140 | | 62 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDCJ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-07MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062942.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 12.3 | | 10-130 | | 31 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.075 | | 10-150 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.51 | | 10-130 | | 59 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.41 | | 10-140 | | 59 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 39422 | 7.854 | | | | |
| 1146-65-2 | Naphthalene-d8 | 154473 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 129081 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 294440 | 17.237 | | | | |
| 1719-03-5 | Chrysene-d12 | 310867 | 21.485 | | | | |
| 1520-96-3 | Perylene-d12 | 379617 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 074421-20-8 | Hexane, 1-(hexyloxy)-4-methyl- | 15000 | JD | | | 5.886 | |
| | (DEL) Alkane: Straight-Chain7.484 | 43000 | JD | | | 7.484 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 17000 | JD | | | 7.919 | |
| | (DEL) Alkane: Straight-Chain9.082 | 39000 | JD | | | 9.082 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 25000 | JD | | | 11.021 | |
| | (DEL) Alkane: Straight-Chain12.073 | 18000 | JD | | | 12.073 | |
| 025415-84-3 | n-Butyric acid 2-ethylhexyl ester | 24000 | JD | | | 12.313 | |
| | (DEL) Alkane: Straight-Chain13.318 | 14000 | JD | | | 13.318 | |
| | (DEL) Alkane: Straight-Chain14.393 | 26000 | JD | | | 14.393 | |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 17000 | JD | | | 14.634 | |
| 022106-37-2 | 4-(1-Pyrroyl)acetophenone | 19000 | JD | | | 15.251 | |
| E966796 | Total Alkanes | 140000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062943.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 6000 | U | 6000 | 1300 | 13000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 110-86-1 | Pyridine | 22000 | U | 22000 | 31800 | 64000 | ug/Kg |
| 108-95-2 | Phenol | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 12000 | U | 12000 | 15900 | 64000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9600 | U | 9600 | 8200 | 32000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7700 | U | 7700 | 15900 | 64000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 98-86-2 | Acetophenone | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9600 | U | 9600 | 15900 | 64000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 8200 | 32000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 12000 | U | 12000 | 8200 | 32000 | ug/Kg |
| 78-59-1 | Isophorone | 7100 | U | 7100 | 8200 | 32000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3800 | U | 3800 | 8200 | 32000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4800 | U | 4800 | 8200 | 32000 | ug/Kg |
| 91-20-3 | Naphthalene | 3600 | U | 3600 | 8200 | 32000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5800 | U | 5800 | 8200 | 64000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 105-60-2 | Caprolactam | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 7100 | U | 7100 | 8200 | 32000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 4000 | U | 4000 | 8200 | 32000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9300 | JD | 4900 | 8200 | 32000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 17000 | U | 17000 | 15900 | 64000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062943.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5800 | U | 5800 | 8200 | 32000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5500 | U | 5500 | 8200 | 32000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 10000 | U | 10000 | 8200 | 32000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 5300 | U | 5300 | 8200 | 32000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9600 | U | 9600 | 8200 | 32000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 8300 | U | 8300 | 15900 | 64000 | ug/Kg |
| 83-32-9 | Acenaphthene | 5000 | U | 5000 | 8200 | 32000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 23000 | U | 23000 | 15900 | 64000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 10000 | U | 10000 | 15900 | 64000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 5000 | U | 5000 | 8200 | 32000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 86-73-7 | Fluorene | 11000 | U | 11000 | 8200 | 32000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7700 | U | 7700 | 8200 | 32000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7700 | U | 7700 | 15900 | 64000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 16000 | U | 16000 | 15900 | 64000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 18000 | U | 18000 | 8200 | 32000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5600 | U | 5600 | 8200 | 32000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 12000 | U | 12000 | 8200 | 32000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 14000 | U | 14000 | 8200 | 32000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 610000 | D | 21000 | 15900 | 64000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4400 | U | 4400 | 8200 | 32000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 8200 | 32000 | ug/Kg |
| 120-12-7 | Anthracene | 3700 | U | 3700 | 8200 | 32000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 14000 | U | 14000 | 8200 | 32000 | ug/Kg |
| 86-74-8 | Carbazole | 6100 | U | 6100 | 15900 | 64000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5500 | U | 5500 | 8200 | 32000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3800 | U | 3800 | 15900 | 32000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062943.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 4000 | U | 4000 | 8200 | 32000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3300 | U | 3300 | 8200 | 32000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 13000 | U | 13000 | 15900 | 64000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4900 | U | 4900 | 8200 | 32000 | ug/Kg |
| 218-01-9 | Chrysene | 4200 | U | 4200 | 8200 | 32000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3700 | U | 3700 | 8200 | 32000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 8300 | U | 8300 | 15900 | 64000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 6200 | U | 6200 | 8200 | 32000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5400 | U | 5400 | 8200 | 32000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 6400 | U | 6400 | 8200 | 32000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 6000 | U | 6000 | 8200 | 32000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4900 | U | 4900 | 8200 | 32000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5800 | U | 5800 | 8200 | 32000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 56000 | D | 12000 | 8200 | 32000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 6.29 | | 15-120 | | 79 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 28.77 | | 20-120 | | 72 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 37.065 | | 10-130 | | 93 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 42.37 | | 10-150 | | 106 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 36.165 | | 15-120 | | 90 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 40.03 | | 10-140 | | 100 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 37.84 | | 10-135 | | 95 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 41.185 | | 10-120 | | 103 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.91 | | 10-140 | | 87 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 35.815 | | 1-145 | | 90 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 46.195 | | 10-145 | | 115 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 40.37 | | 15-120 | | 101 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 24.855 | | 10-150 | | 62 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 46.605 | | 20-140 | | 117 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062943.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 25.555 | | 10-130 | | 64 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 41.425 | | 10-150 | | 104 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 42.08 | | 10-130 | | 105 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 41.635 | | 10-140 | | 104 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 24080 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 104788 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 83692 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 207409 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 200687 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 242863 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 5800 | U | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062944.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 5800 | U | 5800 | 1200 | 12000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 15200 | 61000 | ug/Kg |
| 110-86-1 | Pyridine | 21000 | U | 21000 | 30300 | 61000 | ug/Kg |
| 108-95-2 | Phenol | 9200 | U | 9200 | 15200 | 61000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 12000 | U | 12000 | 15200 | 61000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9200 | U | 9200 | 7800 | 31000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7400 | U | 7400 | 15200 | 61000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 12000 | U | 12000 | 15200 | 61000 | ug/Kg |
| 98-86-2 | Acetophenone | 9200 | U | 9200 | 15200 | 61000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9200 | U | 9200 | 15200 | 61000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 11000 | U | 11000 | 7800 | 31000 | ug/Kg |
| 78-59-1 | Isophorone | 6700 | U | 6700 | 7800 | 31000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5300 | U | 5300 | 7800 | 31000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3600 | U | 3600 | 7800 | 31000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4600 | U | 4600 | 7800 | 31000 | ug/Kg |
| 91-20-3 | Naphthalene | 3400 | U | 3400 | 7800 | 31000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5500 | U | 5500 | 7800 | 61000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 105-60-2 | Caprolactam | 12000 | U | 12000 | 15200 | 61000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 6700 | U | 6700 | 7800 | 31000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3800 | U | 3800 | 7800 | 31000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4700 | U | 4700 | 7800 | 31000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 16000 | U | 16000 | 15200 | 61000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062944.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5600 | U | 5600 | 7800 | 31000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5200 | U | 5200 | 7800 | 31000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 9800 | U | 9800 | 7800 | 31000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 5000 | U | 5000 | 7800 | 31000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9200 | U | 9200 | 7800 | 31000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5300 | U | 5300 | 7800 | 31000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 8000 | U | 8000 | 15200 | 61000 | ug/Kg |
| 83-32-9 | Acenaphthene | 4800 | U | 4800 | 7800 | 31000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 22000 | U | 22000 | 15200 | 61000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 9800 | U | 9800 | 15200 | 61000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4800 | U | 4800 | 7800 | 31000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 86-73-7 | Fluorene | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7400 | U | 7400 | 15200 | 61000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 15000 | U | 15000 | 15200 | 61000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 17000 | U | 17000 | 7800 | 31000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5400 | U | 5400 | 7800 | 31000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 12000 | U | 12000 | 7800 | 31000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 15200 | 61000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 230000 | D | 20000 | 15200 | 61000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4200 | U | 4200 | 7800 | 31000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 120-12-7 | Anthracene | 3500 | U | 3500 | 7800 | 31000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 86-74-8 | Carbazole | 5800 | U | 5800 | 15200 | 61000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5200 | U | 5200 | 7800 | 31000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3700 | U | 3700 | 15200 | 31000 | ug/Kg |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062944.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 3800 | U | 3800 | 7800 | 31000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3200 | U | 3200 | 7800 | 31000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 12000 | U | 12000 | 15200 | 61000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4700 | U | 4700 | 7800 | 31000 | ug/Kg |
| 218-01-9 | Chrysene | 4000 | U | 4000 | 7800 | 31000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3500 | U | 3500 | 7800 | 31000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 8000 | U | 8000 | 15200 | 61000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5100 | U | 5100 | 7800 | 31000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 6100 | U | 6100 | 7800 | 31000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 5700 | U | 5700 | 7800 | 31000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4700 | U | 4700 | 7800 | 31000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5500 | U | 5500 | 7800 | 31000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 18000 | JD | 11000 | 7800 | 31000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 6.505 | * | 20-120 | | 16 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 14.27 | | 10-130 | | 36 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 15.785 | | 10-150 | | 39 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 12.54 | | 15-120 | | 31 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 16.035 | | 10-140 | | 40 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 17.385 | | 10-135 | | 43 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 15.57 | | 10-120 | | 39 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 16.665 | | 10-140 | | 42 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 15.395 | | 1-145 | | 38 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 17.615 | | 10-145 | | 44 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 17.625 | | 15-120 | | 44 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 8.555 | | 10-150 | | 21 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.68 | | 20-140 | | 47 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ0MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-12MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062944.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 19.66 | | 10-150 | | 49 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 17.92 | | 10-130 | | 45 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 18.815 | | 10-140 | | 47 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43537 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 164748 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 135018 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 318854 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 335533 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 403926 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.488 | 39000 | JD | | | 7.488 | |
| | unknown-01 | 15000 | JD | | | 7.911 | |
| | (DEL) Alkane: Straight-Chain9.086 | 24000 | JD | | | 9.086 | |
| E966796 | Total Alkanes | 63000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 5500 | U | 5500 | 1100 | 12000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 12000 | U | 12000 | 14400 | 58000 | ug/Kg |
| 110-86-1 | Pyridine | 20000 | U | 20000 | 28700 | 58000 | ug/Kg |
| 108-95-2 | Phenol | 8700 | U | 8700 | 14400 | 58000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 11000 | U | 11000 | 14400 | 58000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 8700 | U | 8700 | 7400 | 29000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7000 | U | 7000 | 14400 | 58000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 12000 | U | 12000 | 14400 | 58000 | ug/Kg |
| 98-86-2 | Acetophenone | 8700 | U | 8700 | 14400 | 58000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 8700 | U | 8700 | 14400 | 58000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 12000 | U | 12000 | 7400 | 29000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 9900 | U | 9900 | 7400 | 29000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 10000 | U | 10000 | 7400 | 29000 | ug/Kg |
| 78-59-1 | Isophorone | 6400 | U | 6400 | 7400 | 29000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5000 | U | 5000 | 7400 | 29000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3400 | U | 3400 | 7400 | 29000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 5600 | U | 5600 | 7400 | 29000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4300 | U | 4300 | 7400 | 29000 | ug/Kg |
| 91-20-3 | Naphthalene | 12000 | JD | 3200 | 7400 | 29000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5200 | U | 5200 | 7400 | 58000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7000 | U | 7000 | 7400 | 29000 | ug/Kg |
| 105-60-2 | Caprolactam | 12000 | U | 12000 | 14400 | 58000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 6400 | U | 6400 | 7400 | 29000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 13000 | JD | 3600 | 7400 | 29000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 22000 | JD | 4400 | 7400 | 29000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 15000 | U | 15000 | 14400 | 58000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7000 | U | 7000 | 7400 | 29000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 5600 | U | 5600 | 7400 | 29000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5300 | U | 5300 | 7400 | 29000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 4900 | U | 4900 | 7400 | 29000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 9300 | U | 9300 | 7400 | 29000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 4800 | U | 4800 | 7400 | 29000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 8700 | U | 8700 | 7400 | 29000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5000 | U | 5000 | 7400 | 29000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 7500 | U | 7500 | 14400 | 58000 | ug/Kg |
| 83-32-9 | Acenaphthene | 4500 | U | 4500 | 7400 | 29000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 21000 | U | 21000 | 14400 | 58000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 9300 | U | 9300 | 14400 | 58000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4500 | U | 4500 | 7400 | 29000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 5600 | U | 5600 | 7400 | 29000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 9900 | U | 9900 | 7400 | 29000 | ug/Kg |
| 86-73-7 | Fluorene | 9900 | U | 9900 | 7400 | 29000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7000 | U | 7000 | 7400 | 29000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7000 | U | 7000 | 14400 | 58000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 14000 | U | 14000 | 14400 | 58000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 16000 | U | 16000 | 7400 | 29000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5100 | U | 5100 | 7400 | 29000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 11000 | U | 11000 | 7400 | 29000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 13000 | U | 13000 | 7400 | 29000 | ug/Kg |
| 1912-24-9 | Atrazine | 12000 | U | 12000 | 14400 | 58000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 2300000 | ED | 19000 | 14400 | 58000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4000 | U | 4000 | 7400 | 29000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 12000 | U | 12000 | 7400 | 29000 | ug/Kg |
| 120-12-7 | Anthracene | 3300 | U | 3300 | 7400 | 29000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 13000 | U | 13000 | 7400 | 29000 | ug/Kg |
| 86-74-8 | Carbazole | 5500 | U | 5500 | 14400 | 58000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 4900 | U | 4900 | 7400 | 29000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3500 | U | 3500 | 14400 | 29000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 3600 | U | 3600 | 7400 | 29000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3000 | U | 3000 | 7400 | 29000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 12000 | U | 12000 | 14400 | 58000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4500 | U | 4500 | 7400 | 29000 | ug/Kg |
| 218-01-9 | Chrysene | 3800 | U | 3800 | 7400 | 29000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3300 | U | 3300 | 7400 | 29000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 7500 | U | 7500 | 14400 | 58000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 5600 | U | 5600 | 7400 | 29000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 4900 | U | 4900 | 7400 | 29000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 5700 | U | 5700 | 7400 | 29000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 5400 | U | 5400 | 7400 | 29000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4500 | U | 4500 | 7400 | 29000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5200 | U | 5200 | 7400 | 29000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 150000 | D | 10000 | 7400 | 29000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.025 | | 15-120 | | 38 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 15.13 | | 20-120 | | 38 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 20.045 | | 10-130 | | 50 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.18 | | 10-150 | | 50 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.755 | | 15-120 | | 49 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 20.685 | | 10-140 | | 52 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.82 | | 10-135 | | 55 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.235 | | 10-120 | | 56 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.255 | | 10-140 | | 51 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.165 | | 1-145 | | 58 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 21.775 | | 10-145 | | 54 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.95 | | 15-120 | | 55 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 16.015 | | 10-150 | | 40 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.215 | | 20-140 | | 61 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 18.02 | | 10-130 | | 45 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.955 | | 10-150 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.395 | | 10-130 | | 56 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.71 | | 10-140 | | 59 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 40854 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 158194 | 10.649 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 132478 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 292121 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 314433 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 378711 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.884 | 88000 | JD | | | 5.884 | |
| | (DEL) Alkane: Straight-Chain6.142 | 31000 | JD | | | 6.142 | |
| | (DEL) Alkane: Straight-Chain6.266 | 16000 | JD | | | 6.266 | |
| | (DEL) Alkane: Straight-Chain6.354 | 30000 | JD | | | 6.354 | |
| | (DEL) Alkane: Straight-Chain6.424 | 26000 | JD | | | 6.424 | |
| | unknown-01 | 19000 | JD | | | 6.677 | |
| | unknown-02 | 25000 | JD | | | 6.765 | |
| 018675-24-6 | 1-Decanol, 2-methyl- | 46000 | JD | | | 6.853 | |
| | (DEL) Alkane: Straight-Chain6.912 | 42000 | JD | | | 6.912 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 45000 | JD | | | 6.947 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 29000 | JD | | | 7.082 | |
| 000108-67-8 | Mesitylene | 32000 | JD | | | 7.253 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 24000 | JD | | | 7.282 | |
| | (DEL) Alkane: Straight-Chain7.488 | 290000 | JD | | | 7.488 | |
| | (DEL) Alkane: Straight-Chain7.776 | 20000 | JD | | | 7.776 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 110000 | JD | | | 7.917 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 35000 | JD | | | 7.97 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | unknown-03 | 60000 | JD | | | 8.075 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 37000 | JD | | | 8.281 | |
| 002783-26-8 | 2-Tolyloxirane | 48000 | JD | | | 8.399 | |
| 1000282-69-6 | Methoxyacetic acid, 2-octyl ester | 18000 | JD | | | 8.446 | |
| 000577-16-2 | Ethanone, 1-(2-methylphenyl)- | 51000 | JD | | | 8.498 | |
| | (DEL) Alkane: Straight-Chain8.628 | 39000 | JD | | | 8.628 | |
| 000093-53-8 | Benzeneacetaldehyde, .alpha.-methy | 33000 | JD | | | 8.657 | |
| 003479-89-8 | 1,3,5-Cycloheptatriene, 3,7,7-trim | 26000 | JD | | | 8.804 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 29000 | JD | | | 8.863 | |
| | (DEL) Alkane: Straight-Chain9.086 | 210000 | JD | | | 9.086 | |
| | unknown-04 | 52000 | JD | | | 9.209 | |
| | (DEL) Alkane: Straight-Chain9.638 | 12000 | JD | | | 9.638 | |
| | (DEL) Alkane: Straight-Chain10.079 | 12000 | JD | | | 10.079 | |
| 000627-48-5 | Cyanic acid, ethyl ester | 53000 | JD | | | 11.025 | |
| | (DEL) Alkane: Straight-Chain11.148 | 25000 | JD | | | 11.148 | |
| 000590-67-0 | Cyclohexanol, 1-methyl- | 25000 | JD | | | 11.677 | |
| 004175-54-6 | Naphthalene, 1,2,3,4-tetrahydro-1, | 26000 | JD | | | 11.748 | |
| | (DEL) Alkane: Cyclic11.912 | 33000 | JD | | | 11.912 | |
| | (DEL) Alkane: Straight-Chain12.071 | 35000 | JD | | | 12.071 | |
| | unknown-05 | 27000 | JD | | | 12.106 | |
| | (DEL) Alkane: Straight-Chain13.028 | 13000 | JD | | | 13.028 | |
| | (DEL) Alkane: Straight-Chain13.316 | 46000 | JD | | | 13.316 | |
| 074367-31-0 | Propanoic acid, 2-methyl-, 2-ethyl | 19000 | JD | | | 13.751 | |
| | (DEL) Alkane: Straight-Chain13.974 | 24000 | JD | | | 13.974 | |
| | (DEL) Alkane: Straight-Chain14.397 | 73000 | JD | | | 14.397 | |
| | unknown-06 | 23000 | JD | | | 14.568 | |
| | unknown-07 | 35000 | JD | | | 14.633 | |
| 000941-81-1 | 4,6,8-Trimethylazulene | 32000 | JD | | | 15.249 | |
| 000544-76-3 | Hexadecane | 52000 | JD | | | 15.349 | |
| | (DEL) Alkane: Straight-Chain16.207 | 45000 | JD | | | 16.207 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062945.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.000 | 39000 | JD | | | 17 | |
| 1000406-32-1 | Hexacosane, 1-iodo- | 28000 | JD | | | 17.059 | |
| | (DEL) Alkane: Straight-Chain17.741 | 30000 | JD | | | 17.741 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 19000 | JD | | | 17.911 | |
| 1000406-31-9 | Docosane, 1-iodo- | 22000 | JD | | | 18.434 | |
| | (DEL) Alkane: Straight-Chain19.068 | 14000 | JD | | | 19.068 | |
| | (DEL) Alkane: Straight-Chain20.179 | 12000 | JD | | | 20.179 | |
| | (DEL) Alkane: Straight-Chain21.166 | 23000 | JD | | | 21.166 | |
| | (DEL) Alkane: Straight-Chain22.265 | 12000 | JD | | | 22.265 | |
| E966796 | Total Alkanes | 1200000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062946.D | 50 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 55000 | U | 55000 | 11500 | 120000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 120000 | U | 120000 | 143500 | 580000 | ug/Kg |
| 110-86-1 | Pyridine | 200000 | U | 200000 | 287100 | 580000 | ug/Kg |
| 108-95-2 | Phenol | 87000 | U | 87000 | 143500 | 580000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 110000 | U | 110000 | 143500 | 580000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 87000 | U | 87000 | 73900 | 290000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 70000 | U | 70000 | 143500 | 580000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 120000 | U | 120000 | 143500 | 580000 | ug/Kg |
| 98-86-2 | Acetophenone | 87000 | U | 87000 | 143500 | 580000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 87000 | U | 87000 | 143500 | 580000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 120000 | U | 120000 | 73900 | 290000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 99000 | U | 99000 | 73900 | 290000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 100000 | U | 100000 | 73900 | 290000 | ug/Kg |
| 78-59-1 | Isophorone | 64000 | U | 64000 | 73900 | 290000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 50000 | U | 50000 | 73900 | 290000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 34000 | U | 34000 | 73900 | 290000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 56000 | U | 56000 | 73900 | 290000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 43000 | U | 43000 | 73900 | 290000 | ug/Kg |
| 91-20-3 | Naphthalene | 32000 | U | 32000 | 73900 | 290000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 52000 | U | 52000 | 73900 | 580000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 70000 | U | 70000 | 73900 | 290000 | ug/Kg |
| 105-60-2 | Caprolactam | 120000 | U | 120000 | 143500 | 580000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 64000 | U | 64000 | 73900 | 290000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 36000 | U | 36000 | 73900 | 290000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 44000 | U | 44000 | 73900 | 290000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 150000 | U | 150000 | 143500 | 580000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 70000 | U | 70000 | 73900 | 290000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 56000 | U | 56000 | 73900 | 290000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062946.D | 50 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 53000 | U | 53000 | 73900 | 290000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 49000 | U | 49000 | 73900 | 290000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 93000 | U | 93000 | 73900 | 290000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 48000 | U | 48000 | 73900 | 290000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 87000 | U | 87000 | 73900 | 290000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 50000 | U | 50000 | 73900 | 290000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 75000 | U | 75000 | 143500 | 580000 | ug/Kg |
| 83-32-9 | Acenaphthene | 45000 | U | 45000 | 73900 | 290000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 210000 | U | 210000 | 143500 | 580000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 93000 | U | 93000 | 143500 | 580000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 45000 | U | 45000 | 73900 | 290000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 56000 | U | 56000 | 73900 | 290000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 99000 | U | 99000 | 73900 | 290000 | ug/Kg |
| 86-73-7 | Fluorene | 99000 | U | 99000 | 73900 | 290000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 70000 | U | 70000 | 73900 | 290000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 70000 | U | 70000 | 143500 | 580000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 140000 | U | 140000 | 143500 | 580000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 160000 | U | 160000 | 73900 | 290000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 51000 | U | 51000 | 73900 | 290000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 110000 | U | 110000 | 73900 | 290000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 130000 | U | 130000 | 73900 | 290000 | ug/Kg |
| 1912-24-9 | Atrazine | 120000 | U | 120000 | 143500 | 580000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 2000000 | D | 190000 | 143500 | 580000 | ug/Kg |
| 85-01-8 | Phenanthrene | 40000 | U | 40000 | 73900 | 290000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 120000 | U | 120000 | 73900 | 290000 | ug/Kg |
| 120-12-7 | Anthracene | 33000 | U | 33000 | 73900 | 290000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 130000 | U | 130000 | 73900 | 290000 | ug/Kg |
| 86-74-8 | Carbazole | 55000 | U | 55000 | 143500 | 580000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 49000 | U | 49000 | 73900 | 290000 | ug/Kg |
| 206-44-0 | Fluoranthene | 35000 | U | 35000 | 143500 | 290000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062946.D | 50 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 36000 | U | 36000 | 73900 | 290000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 30000 | U | 30000 | 73900 | 290000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 120000 | U | 120000 | 143500 | 580000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 45000 | U | 45000 | 73900 | 290000 | ug/Kg |
| 218-01-9 | Chrysene | 38000 | U | 38000 | 73900 | 290000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 33000 | U | 33000 | 73900 | 290000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 75000 | U | 75000 | 143500 | 580000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 56000 | U | 56000 | 73900 | 290000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 49000 | U | 49000 | 73900 | 290000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 57000 | U | 57000 | 73900 | 290000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 54000 | U | 54000 | 73900 | 290000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 45000 | U | 45000 | 73900 | 290000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 52000 | U | 52000 | 73900 | 290000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 150000 | JD | 100000 | 73900 | 290000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | | U | 10-150 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | | U | 15-120 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | | U | 10-140 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | | U | 10-135 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | | U | 10-120 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | | U | 10-140 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.75 | | 10-145 | | 64 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.85 | | 15-120 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 29.35 | | 20-140 | | 73 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVZ1MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-13MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.3 |
| 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 |
|---|---|---|---|---|
| BG062946.D | 50 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 29.2 | | 10-150 | | 73 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.25 | | 10-130 | | 56 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.2 | | 10-140 | | 68 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 35178 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 133192 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 110444 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 269334 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 306661 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 346343 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | unknown-01 | 150000 | JD | | | 5.885 | |
| 019656-75-8 | Diaziridinone, bis(1,1-dimethylpro | 160000 | JD | | | 7.025 | |
| | (DEL) Alkane: Straight-Chain7.483 | 440000 | JD | | | 7.483 | |
| 1000447-27-3 | 2-Propyl-1-pentanol, chlorodifluor | 140000 | JD | | | 7.918 | |
| 073105-67-6 | 1-Iodo-2-methylundecane | 280000 | JD | | | 9.087 | |
| | unknown-02 | 140000 | JD | | | 12.318 | |
| E966796 | Total Alkanes | 440000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062947.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2400 | 24000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 26000 | U | 26000 | 30100 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 43000 | U | 43000 | 60200 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 18000 | U | 18000 | 30100 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 23000 | U | 23000 | 30100 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 18000 | U | 18000 | 15500 | 61000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 15000 | U | 15000 | 30100 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | U | 24000 | 30100 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 18000 | U | 18000 | 30100 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 18000 | U | 18000 | 30100 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 26000 | U | 26000 | 15500 | 61000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 21000 | U | 21000 | 15500 | 61000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 22000 | U | 22000 | 15500 | 61000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 15500 | 61000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7200 | U | 7200 | 15500 | 61000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 15500 | 61000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 9100 | U | 9100 | 15500 | 61000 | ug/Kg |
| 91-20-3 | Naphthalene | 6800 | U | 6800 | 15500 | 61000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15500 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 15000 | U | 15000 | 15500 | 61000 | ug/Kg |
| 105-60-2 | Caprolactam | 24000 | U | 24000 | 30100 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 15500 | 61000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7500 | U | 7500 | 15500 | 61000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 20000 | JD | 9200 | 15500 | 61000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 32000 | U | 32000 | 30100 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 15000 | U | 15000 | 15500 | 61000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 12000 | U | 12000 | 15500 | 61000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062947.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 10000 | U | 10000 | 15500 | 61000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 19000 | U | 19000 | 15500 | 61000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 10000 | U | 10000 | 15500 | 61000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 18000 | U | 18000 | 15500 | 61000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 16000 | U | 16000 | 30100 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9500 | U | 9500 | 15500 | 61000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 44000 | U | 44000 | 30100 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 19000 | U | 19000 | 30100 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9500 | U | 9500 | 15500 | 61000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 12000 | U | 12000 | 15500 | 61000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 21000 | U | 21000 | 15500 | 61000 | ug/Kg |
| 86-73-7 | Fluorene | 21000 | U | 21000 | 15500 | 61000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 15000 | U | 15000 | 15500 | 61000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 15000 | U | 15000 | 30100 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30000 | U | 30000 | 30100 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 34000 | U | 34000 | 15500 | 61000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 23000 | U | 23000 | 15500 | 61000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 27000 | U | 27000 | 15500 | 61000 | ug/Kg |
| 1912-24-9 | Atrazine | 26000 | U | 26000 | 30100 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1500000 | D | 40000 | 30100 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8400 | U | 8400 | 15500 | 61000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 26000 | U | 26000 | 15500 | 61000 | ug/Kg |
| 120-12-7 | Anthracene | 6900 | U | 6900 | 15500 | 61000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 27000 | U | 27000 | 15500 | 61000 | ug/Kg |
| 86-74-8 | Carbazole | 12000 | U | 12000 | 30100 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 10000 | U | 10000 | 15500 | 61000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7300 | U | 7300 | 30100 | 61000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062947.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7500 | U | 7500 | 15500 | 61000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6300 | U | 6300 | 15500 | 61000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 24000 | U | 24000 | 30100 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9400 | U | 9400 | 15500 | 61000 | ug/Kg |
| 218-01-9 | Chrysene | 7900 | U | 7900 | 15500 | 61000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6900 | U | 6900 | 15500 | 61000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 16000 | U | 16000 | 30100 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 15500 | 61000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 10000 | U | 10000 | 15500 | 61000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15500 | 61000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9400 | U | 9400 | 15500 | 61000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15500 | 61000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 130000 | D | 22000 | 15500 | 61000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.28 | | 10-130 | | 46 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.5 | | 10-150 | | 59 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.35 | | 15-120 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 20.1 | | 10-140 | | 50 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 17.58 | | 10-135 | | 44 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.65 | | 10-120 | | 57 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.25 | | 10-140 | | 51 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.04 | | 1-145 | | 45 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.39 | | 10-145 | | 58 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.63 | | 15-120 | | 59 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 11.87 | | 10-150 | | 30 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.55 | | 20-140 | | 56 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062947.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.05 | | 10-150 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.7 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.71 | | 10-140 | | 59 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 34975 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 137411 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 107840 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 254047 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 277413 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 340784 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.884 | 39000 | JD | | | 5.884 | |
| | (DEL) Alkane: Straight-Chain6.853 | 34000 | JD | | | 6.853 | |
| | (DEL) Alkane: Straight-Chain6.912 | 33000 | JD | | | 6.912 | |
| 014296-81-2 | Cyclohexane, 1,2,4-tris(methylene) | 44000 | JD | | | 6.953 | |
| 1000382-54-2 | Carbonic acid, hexyl prop-1-en-2-y | 51000 | JD | | | 7.288 | |
| | (DEL) Alkane: Straight-Chain7.488 | 230000 | JD | | | 7.488 | |
| | (DEL) Alkane: Straight-Chain7.923 | 41000 | JD | | | 7.923 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 35000 | JD | | | 7.976 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 61000 | JD | | | 8.281 | |
| | unknown-01 | 26000 | JD | | | 8.334 | |
| | unknown-02 | 45000 | JD | | | 8.387 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 51000 | JD | | | 8.498 | |
| | (DEL) Alkane: Straight-Chain8.622 | 42000 | JD | | | 8.622 | |
| 034713-70-7 | Hydratropaldehyde | 25000 | JD | | | 8.657 | |
| 000934-74-7 | Benzene, 1-ethyl-3,5-dimethyl- | 31000 | JD | | | 8.81 | |
| 000535-77-3 | Benzene, 1-methyl-3-(1-methylethyl | 30000 | JD | | | 8.857 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 51000 | JD | | | 8.963 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC47MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.2 |
| 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 |
|---|---|---|---|---|
| BG062947.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain9.086 | 190000 | JD | | | 9.086 | |
| | unknown-03 | 32000 | JD | | | 9.209 | |
| 000627-48-5 | Cyanic acid, ethyl ester | 29000 | JD | | | 11.025 | |
| 1000365-51-5 | 4-Methyl-3-heptanol, heptafluorobu | 29000 | JD | | | 11.154 | |
| | (DEL) Alkane: Straight-Chain12.071 | 25000 | JD | | | 12.071 | |
| | unknown-04 | 27000 | JD | | | 12.476 | |
| | (DEL) Alkane: Straight-Chain13.316 | 40000 | JD | | | 13.316 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 26000 | JD | | | 13.657 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 30000 | JD | | | 13.804 | |
| | (DEL) Alkane: Straight-Chain14.392 | 33000 | JD | | | 14.392 | |
| | (DEL) Alkane: Straight-Chain15.343 | 31000 | JD | | | 15.343 | |
| | (DEL) Alkane: Straight-Chain16.207 | 28000 | JD | | | 16.207 | |
| | (DEL) Alkane: Straight-Chain17.741 | 26000 | JD | | | 17.741 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 42000 | JD | | | 17.911 | |
| 000112-62-9 | 9-Octadecenoic acid (Z)-, methyl e | 63000 | JD | | | 19.086 | |
| E966796 | Total Alkanes | 790000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2400 | 24000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 25000 | U | 25000 | 29900 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 42000 | U | 42000 | 59800 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 18000 | U | 18000 | 29900 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 23000 | U | 23000 | 29900 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 18000 | U | 18000 | 15400 | 60000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 14000 | U | 14000 | 29900 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | U | 24000 | 29900 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 18000 | U | 18000 | 29900 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 18000 | U | 18000 | 29900 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 25000 | U | 25000 | 15400 | 60000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 21000 | U | 21000 | 15400 | 60000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 22000 | U | 22000 | 15400 | 60000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 15400 | 60000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7100 | U | 7100 | 15400 | 60000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 15400 | 60000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 9100 | U | 9100 | 15400 | 60000 | ug/Kg |
| 91-20-3 | Naphthalene | 14000 | JD | 6800 | 15400 | 60000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15400 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 14000 | U | 14000 | 15400 | 60000 | ug/Kg |
| 105-60-2 | Caprolactam | 24000 | U | 24000 | 29900 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 15400 | 60000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 17000 | JD | 7500 | 15400 | 60000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 33000 | JD | 9200 | 15400 | 60000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 31000 | U | 31000 | 29900 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 14000 | U | 14000 | 15400 | 60000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 12000 | U | 12000 | 15400 | 60000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 10000 | U | 10000 | 15400 | 60000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 19000 | U | 19000 | 15400 | 60000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 9900 | U | 9900 | 15400 | 60000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 18000 | U | 18000 | 15400 | 60000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 16000 | U | 16000 | 29900 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9400 | U | 9400 | 15400 | 60000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 43000 | U | 43000 | 29900 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 19000 | U | 19000 | 29900 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9400 | U | 9400 | 15400 | 60000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 12000 | U | 12000 | 15400 | 60000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 21000 | U | 21000 | 15400 | 60000 | ug/Kg |
| 86-73-7 | Fluorene | 21000 | U | 21000 | 15400 | 60000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 14000 | U | 14000 | 15400 | 60000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 14000 | U | 14000 | 29900 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30000 | U | 30000 | 29900 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 34000 | U | 34000 | 15400 | 60000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 23000 | U | 23000 | 15400 | 60000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 27000 | U | 27000 | 15400 | 60000 | ug/Kg |
| 1912-24-9 | Atrazine | 25000 | U | 25000 | 29900 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 2700000 | ED | 40000 | 29900 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8300 | U | 8300 | 15400 | 60000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 25000 | U | 25000 | 15400 | 60000 | ug/Kg |
| 120-12-7 | Anthracene | 6900 | U | 6900 | 15400 | 60000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 27000 | U | 27000 | 15400 | 60000 | ug/Kg |
| 86-74-8 | Carbazole | 11000 | U | 11000 | 29900 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 10000 | U | 10000 | 15400 | 60000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7200 | U | 7200 | 29900 | 60000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7500 | U | 7500 | 15400 | 60000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6300 | U | 6300 | 15400 | 60000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 24000 | U | 24000 | 29900 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9300 | U | 9300 | 15400 | 60000 | ug/Kg |
| 218-01-9 | Chrysene | 7800 | U | 7800 | 15400 | 60000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6900 | U | 6900 | 15400 | 60000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 16000 | U | 16000 | 29900 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 15400 | 60000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 10000 | U | 10000 | 15400 | 60000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15400 | 60000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9300 | U | 9300 | 15400 | 60000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15400 | 60000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 190000 | D | 22000 | 15400 | 60000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.67 | | 15-120 | | 58 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 23.13 | | 20-120 | | 58 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 27 | | 10-130 | | 68 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 27.51 | | 10-150 | | 69 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 27.33 | | 15-120 | | 68 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 29.66 | | 10-140 | | 74 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 31.8 | | 10-135 | | 79 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 29.06 | | 10-120 | | 73 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 30.86 | | 10-140 | | 77 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 28.82 | | 1-145 | | 72 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 32.12 | | 10-145 | | 80 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 30.4 | | 15-120 | | 76 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 25.34 | | 10-150 | | 63 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 32.44 | | 20-140 | | 81 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 16.85 | | 10-130 | | 42 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.99 | | 10-150 | | 80 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 31.79 | | 10-130 | | 79 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 31.64 | | 10-140 | | 79 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 36863 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 139255 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 113048 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 253155 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 276274 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 331686 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.884 | 90000 | JD | | | 5.884 | |
| | unknown-01 | 41000 | JD | | | 6.366 | |
| | (DEL) Alkane: Straight-Chain6.424 | 31000 | JD | | | 6.424 | |
| | (DEL) Alkane: Straight-Chain6.853 | 86000 | JD | | | 6.853 | |
| | (DEL) Alkane: Straight-Chain6.912 | 60000 | JD | | | 6.912 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 59000 | JD | | | 6.953 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 35000 | JD | | | 7.082 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 43000 | JD | | | 7.247 | |
| 1000382-54-2 | Carbonic acid, hexyl prop-1-en-2-y | 38000 | JD | | | 7.282 | |
| | (DEL) Alkane: Straight-Chain7.488 | 410000 | JD | | | 7.488 | |
| 959012-82-9 | 2-Ethyl-1-hexanol, pentafluoroprop | 150000 | JD | | | 7.917 | |
| 063621-15-8 | 2,4-Nonadiyne | 47000 | JD | | | 7.975 | |
| 034815-01-5 | N-Nitro-1H-1,2,4-triazol-3-amine | 64000 | JD | | | 8.075 | |
| | (DEL) Alkane: Cyclic8.146 | 39000 | JD | | | 8.146 | |
| | (DEL) Alkane: Straight-Chain8.281 | 60000 | JD | | | 8.281 | |
| | unknown-02 | 72000 | JD | | | 8.399 | |
| 1000447-27-4 | 4-Methyl-3-heptanol, chlorodifluor | 30000 | JD | | | 8.451 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000105-05-5 | Benzene, 1,4-diethyl- | 47000 | JD | | | 8.493 | |
| | (DEL) Alkane: Straight-Chain8.622 | 63000 | JD | | | 8.622 | |
| | unknown-03 | 49000 | JD | | | 8.657 | |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 31000 | JD | | | 8.81 | |
| 000527-84-4 | o-Cymene | 49000 | JD | | | 8.857 | |
| 000099-87-6 | p-Cymene | 86000 | JD | | | 8.963 | |
| | (DEL) Alkane: Straight-Chain9.086 | 270000 | JD | | | 9.086 | |
| | unknown-04 | 80000 | JD | | | 9.203 | |
| | unknown-05 | 30000 | JD | | | 9.791 | |
| 1000309-17-6 | Sulfurous acid, butyl nonyl ester | 31000 | JD | | | 10.079 | |
| | unknown-06 | 88000 | JD | | | 11.025 | |
| | (DEL) Alkane: Straight-Chain11.154 | 45000 | JD | | | 11.154 | |
| 000590-67-0 | Cyclohexanol, 1-methyl- | 39000 | JD | | | 11.671 | |
| 000126-30-7 | Neopentyl glycol | 57000 | JD | | | 11.912 | |
| | (DEL) Alkane: Straight-Chain12.071 | 57000 | JD | | | 12.071 | |
| | unknown-07 | 43000 | JD | | | 12.106 | |
| 074367-31-0 | Propanoic acid, 2-methyl-, 2-ethyl | 28000 | JD | | | 13.234 | |
| | (DEL) Alkane: Straight-Chain13.316 | 76000 | JD | | | 13.316 | |
| 000569-41-5 | Naphthalene, 1,8-dimethyl- | 42000 | JD | | | 13.669 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 40000 | JD | | | 13.81 | |
| | (DEL) Alkane: Straight-Chain13.974 | 24000 | JD | | | 13.974 | |
| | (DEL) Alkane: Straight-Chain14.392 | 78000 | JD | | | 14.392 | |
| | unknown-08 | 30000 | JD | | | 14.568 | |
| | (DEL) Alkane: Straight-Chain15.343 | 62000 | JD | | | 15.343 | |
| | unknown-09 | 25000 | JD | | | 15.755 | |
| | (DEL) Alkane: Straight-Chain16.207 | 68000 | JD | | | 16.207 | |
| | (DEL) Alkane: Straight-Chain17.000 | 58000 | JD | | | 17 | |
| | (DEL) Alkane: Straight-Chain17.053 | 30000 | JD | | | 17.053 | |
| | (DEL) Alkane: Straight-Chain17.741 | 49000 | JD | | | 17.741 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 31000 | JD | | | 17.911 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062948.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000629-93-6 | Octadecane, 1-iodo- | 29000 | JD | | | 18.434 | |
| 1010374-45-7 | L-Homoserine lactone, N,N-dimethyl | 46000 | JD | | | 21.166 | |
| E966796 | Total Alkanes | 1700000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062949.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2200 | 23000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 24000 | U | 24000 | 28100 | 110000 | ug/Kg |
| 110-86-1 | Pyridine | 40000 | U | 40000 | 56200 | 110000 | ug/Kg |
| 108-95-2 | Phenol | 17000 | U | 17000 | 28100 | 110000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 22000 | U | 22000 | 28100 | 110000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 17000 | U | 17000 | 14500 | 57000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 14000 | U | 14000 | 28100 | 110000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 23000 | U | 23000 | 28100 | 110000 | ug/Kg |
| 98-86-2 | Acetophenone | 17000 | U | 17000 | 28100 | 110000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 17000 | U | 17000 | 28100 | 110000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 24000 | U | 24000 | 14500 | 57000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 19000 | U | 19000 | 14500 | 57000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 20000 | U | 20000 | 14500 | 57000 | ug/Kg |
| 78-59-1 | Isophorone | 12000 | U | 12000 | 14500 | 57000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 9900 | U | 9900 | 14500 | 57000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 6700 | U | 6700 | 14500 | 57000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 8500 | U | 8500 | 14500 | 57000 | ug/Kg |
| 91-20-3 | Naphthalene | 6400 | U | 6400 | 14500 | 57000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 10000 | U | 10000 | 14500 | 110000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 14000 | U | 14000 | 14500 | 57000 | ug/Kg |
| 105-60-2 | Caprolactam | 23000 | U | 23000 | 28100 | 110000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 12000 | U | 12000 | 14500 | 57000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7000 | U | 7000 | 14500 | 57000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 8600 | U | 8600 | 14500 | 57000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 30000 | U | 30000 | 28100 | 110000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 14000 | U | 14000 | 14500 | 57000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062949.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 10000 | U | 10000 | 14500 | 57000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 9600 | U | 9600 | 14500 | 57000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 18000 | U | 18000 | 14500 | 57000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 9300 | U | 9300 | 14500 | 57000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 17000 | U | 17000 | 14500 | 57000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 9900 | U | 9900 | 14500 | 57000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 15000 | U | 15000 | 28100 | 110000 | ug/Kg |
| 83-32-9 | Acenaphthene | 8900 | U | 8900 | 14500 | 57000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 41000 | U | 41000 | 28100 | 110000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 18000 | U | 18000 | 28100 | 110000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 8900 | U | 8900 | 14500 | 57000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 19000 | U | 19000 | 14500 | 57000 | ug/Kg |
| 86-73-7 | Fluorene | 19000 | U | 19000 | 14500 | 57000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 14000 | U | 14000 | 14500 | 57000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 14000 | U | 14000 | 28100 | 110000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 28000 | U | 28000 | 28100 | 110000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 32000 | U | 32000 | 14500 | 57000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10000 | U | 10000 | 14500 | 57000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 22000 | U | 22000 | 14500 | 57000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 25000 | U | 25000 | 14500 | 57000 | ug/Kg |
| 1912-24-9 | Atrazine | 24000 | U | 24000 | 28100 | 110000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 680000 | D | 37000 | 28100 | 110000 | ug/Kg |
| 85-01-8 | Phenanthrene | 7800 | U | 7800 | 14500 | 57000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 24000 | U | 24000 | 14500 | 57000 | ug/Kg |
| 120-12-7 | Anthracene | 6500 | U | 6500 | 14500 | 57000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 25000 | U | 25000 | 14500 | 57000 | ug/Kg |
| 86-74-8 | Carbazole | 11000 | U | 11000 | 28100 | 110000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 9600 | U | 9600 | 14500 | 57000 | ug/Kg |
| 206-44-0 | Fluoranthene | 6800 | U | 6800 | 28100 | 57000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062949.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7000 | U | 7000 | 14500 | 57000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 5900 | U | 5900 | 14500 | 57000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 23000 | U | 23000 | 28100 | 110000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 8700 | U | 8700 | 14500 | 57000 | ug/Kg |
| 218-01-9 | Chrysene | 7400 | U | 7400 | 14500 | 57000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6500 | U | 6500 | 14500 | 57000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 15000 | U | 15000 | 28100 | 110000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 9500 | U | 9500 | 14500 | 57000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 14500 | 57000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 8700 | U | 8700 | 14500 | 57000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 10000 | U | 10000 | 14500 | 57000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 48000 | JD | 20000 | 14500 | 57000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 21.99 | | 10-130 | | 55 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 24.4 | | 10-150 | | 61 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.36 | | 15-120 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.26 | | 10-140 | | 53 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.2 | | 10-135 | | 58 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 15.8 | | 10-120 | | 40 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.96 | | 10-140 | | 52 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.11 | | 1-145 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.88 | | 10-145 | | 62 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.76 | | 15-120 | | 64 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.23 | | 20-140 | | 66 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC04MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-15MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.3 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062949.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 10.97 | | 10-130 | | 27 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 26.63 | | 10-150 | | 67 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.54 | | 10-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 25 | | 10-140 | | 63 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 38355 | 7.861 | | | | |
| 1146-65-2 | Naphthalene-d8 | 143179 | 10.64 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 111119 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 271648 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 290880 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 350300 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 30000 | JD | | | 5.887 | |
| | unknown-01 | 27000 | JD | | | 6.856 | |
| | (DEL) Alkane: Straight-Chain7.485 | 130000 | JD | | | 7.485 | |
| | (DEL) Alkane: Straight-Chain7.920 | 31000 | JD | | | 7.92 | |
| 000126-81-8 | 1,3-Cyclohexanedione, 5,5-dimethyl | 23000 | JD | | | 8.284 | |
| | (DEL) Alkane: Straight-Chain9.083 | 94000 | JD | | | 9.083 | |
| | unknown-02 | 26000 | JD | | | 9.206 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 32000 | JD | | | 11.022 | |
| 000112-04-9 | Silane, trichlorooctadecyl- | 26000 | JD | | | 12.074 | |
| | unknown-03 | 33000 | JD | | | 12.315 | |
| | (DEL) Alkane: Straight-Chain13.313 | 26000 | JD | | | 13.313 | |
| | (DEL) Alkane: Straight-Chain15.346 | 23000 | JD | | | 15.346 | |
| E966796 | Total Alkanes | 330000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062950.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 5800 | U | 5800 | 1200 | 12000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 15200 | 62000 | ug/Kg |
| 110-86-1 | Pyridine | 22000 | U | 22000 | 30500 | 62000 | ug/Kg |
| 108-95-2 | Phenol | 9200 | U | 9200 | 15200 | 62000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 12000 | U | 12000 | 15200 | 62000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9200 | U | 9200 | 7800 | 31000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7400 | U | 7400 | 15200 | 62000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 12000 | U | 12000 | 15200 | 62000 | ug/Kg |
| 98-86-2 | Acetophenone | 9200 | U | 9200 | 15200 | 62000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9200 | U | 9200 | 15200 | 62000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 11000 | U | 11000 | 7800 | 31000 | ug/Kg |
| 78-59-1 | Isophorone | 6800 | U | 6800 | 7800 | 31000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5400 | U | 5400 | 7800 | 31000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3600 | U | 3600 | 7800 | 31000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 6000 | U | 6000 | 7800 | 31000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4600 | U | 4600 | 7800 | 31000 | ug/Kg |
| 91-20-3 | Naphthalene | 3400 | U | 3400 | 7800 | 31000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5500 | U | 5500 | 7800 | 62000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 105-60-2 | Caprolactam | 12000 | U | 12000 | 15200 | 62000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 6800 | U | 6800 | 7800 | 31000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3800 | U | 3800 | 7800 | 31000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 8300 | JD | 4700 | 7800 | 31000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 16000 | U | 16000 | 15200 | 62000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062950.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5600 | U | 5600 | 7800 | 31000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5200 | U | 5200 | 7800 | 31000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 9800 | U | 9800 | 7800 | 31000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 5000 | U | 5000 | 7800 | 31000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9200 | U | 9200 | 7800 | 31000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5400 | U | 5400 | 7800 | 31000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 8000 | U | 8000 | 15200 | 62000 | ug/Kg |
| 83-32-9 | Acenaphthene | 4800 | U | 4800 | 7800 | 31000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 22000 | U | 22000 | 15200 | 62000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 9800 | U | 9800 | 15200 | 62000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4800 | U | 4800 | 7800 | 31000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 5900 | U | 5900 | 7800 | 31000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 86-73-7 | Fluorene | 10000 | U | 10000 | 7800 | 31000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7400 | U | 7400 | 7800 | 31000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7400 | U | 7400 | 15200 | 62000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 15000 | U | 15000 | 15200 | 62000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 17000 | U | 17000 | 7800 | 31000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5400 | U | 5400 | 7800 | 31000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 12000 | U | 12000 | 7800 | 31000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 14000 | U | 14000 | 7800 | 31000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 15200 | 62000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 560000 | D | 20000 | 15200 | 62000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4200 | U | 4200 | 7800 | 31000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 7800 | 31000 | ug/Kg |
| 120-12-7 | Anthracene | 3500 | U | 3500 | 7800 | 31000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 14000 | U | 14000 | 7800 | 31000 | ug/Kg |
| 86-74-8 | Carbazole | 5800 | U | 5800 | 15200 | 62000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5200 | U | 5200 | 7800 | 31000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3700 | U | 3700 | 15200 | 31000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062950.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 3800 | U | 3800 | 7800 | 31000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3200 | U | 3200 | 7800 | 31000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 12000 | U | 12000 | 15200 | 62000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4700 | U | 4700 | 7800 | 31000 | ug/Kg |
| 218-01-9 | Chrysene | 4000 | U | 4000 | 7800 | 31000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3500 | U | 3500 | 7800 | 31000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 8000 | U | 8000 | 15200 | 62000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 6000 | U | 6000 | 7800 | 31000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5200 | U | 5200 | 7800 | 31000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 6100 | U | 6100 | 7800 | 31000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 5700 | U | 5700 | 7800 | 31000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4700 | U | 4700 | 7800 | 31000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5500 | U | 5500 | 7800 | 31000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 33000 | D | 11000 | 7800 | 31000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.235 | | 20-120 | | 41 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.075 | | 10-130 | | 45 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.985 | | 10-150 | | 52 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 17.98 | | 15-120 | | 45 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 19.005 | | 10-140 | | 48 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 19.705 | | 10-135 | | 49 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 21.745 | | 10-120 | | 54 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.1 | | 10-140 | | 48 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 20.31 | | 1-145 | | 51 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.795 | | 10-145 | | 57 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.62 | | 15-120 | | 54 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 14.46 | | 10-150 | | 36 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.77 | | 20-140 | | 59 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062950.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 12.81 | | 10-130 | | 32 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.145 | | 10-150 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.605 | | 10-130 | | 57 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 24.175 | | 10-140 | | 60 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 35756 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 136697 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 109294 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 248693 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 269913 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 321888 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.885 | 42000 | JD | | | 5.885 | |
| | (DEL) Alkane: Straight-Chain6.913 | 17000 | JD | | | 6.913 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 19000 | JD | | | 6.954 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 14000 | JD | | | 7.083 | |
| | (DEL) Alkane: Straight-Chain7.489 | 120000 | JD | | | 7.489 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 36000 | JD | | | 7.918 | |
| | unknown-01 | 13000 | JD | | | 7.97 | |
| 1000249-77-4 | 1,1-Hexylenedioxybutane | 21000 | JD | | | 8.076 | |
| | unknown-02 | 19000 | JD | | | 8.393 | |
| | (DEL) Alkane: Straight-Chain8.623 | 14000 | JD | | | 8.623 | |
| | (DEL) Alkane: Straight-Chain9.087 | 81000 | JD | | | 9.087 | |
| | unknown-03 | 21000 | JD | | | 11.026 | |
| 054340-84-0 | Benzene, 1,2,4-trimethyl-5-(1-meth | 22000 | JD | | | 11.743 | |
| 000400-61-3 | Hexyl trifluoroacetate | 14000 | JD | | | 11.907 | |
| | (DEL) Alkane: Straight-Chain12.072 | 21000 | JD | | | 12.072 | |
| | (DEL) Alkane: Straight-Chain13.317 | 20000 | JD | | | 13.317 | |
| 000629-82-3 | Octane, 1,1-oxybis- | 41000 | JD | | | 14.392 | |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DDC46MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 21.1 |
| 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 |
|---|---|---|---|---|
| BG062950.D | 5 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 29000 | JD | | | 14.633 | |
| 022106-37-2 | 4-(1-Pyrroyl)acetophenone | 28000 | JD | | | 15.25 | |
| 000103-33-3 | Azobenzene | 15000 | JD | | | 15.85 | |
| | (DEL) Alkane: Straight-Chain16.208 | 14000 | JD | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.741 | 12000 | JD | | | 17.741 | |
| E966796 | Total Alkanes | 340000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062951.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2400 | 24000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 26000 | U | 26000 | 30200 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 43000 | U | 43000 | 60400 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 18000 | U | 18000 | 30200 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 23000 | U | 23000 | 30200 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 18000 | U | 18000 | 15600 | 61000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 15000 | U | 15000 | 30200 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | U | 24000 | 30200 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 18000 | U | 18000 | 30200 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 18000 | U | 18000 | 30200 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 26000 | U | 26000 | 15600 | 61000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 21000 | U | 21000 | 15600 | 61000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 22000 | U | 22000 | 15600 | 61000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 15600 | 61000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7200 | U | 7200 | 15600 | 61000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 15600 | 61000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 9100 | U | 9100 | 15600 | 61000 | ug/Kg |
| 91-20-3 | Naphthalene | 6800 | U | 6800 | 15600 | 61000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15600 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 15000 | U | 15000 | 15600 | 61000 | ug/Kg |
| 105-60-2 | Caprolactam | 24000 | U | 24000 | 30200 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 15600 | 61000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7600 | U | 7600 | 15600 | 61000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9300 | U | 9300 | 15600 | 61000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 32000 | U | 32000 | 30200 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 15000 | U | 15000 | 15600 | 61000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 12000 | U | 12000 | 15600 | 61000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062951.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 10000 | U | 10000 | 15600 | 61000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 20000 | U | 20000 | 15600 | 61000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 10000 | U | 10000 | 15600 | 61000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 18000 | U | 18000 | 15600 | 61000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 16000 | U | 16000 | 30200 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9500 | U | 9500 | 15600 | 61000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 44000 | U | 44000 | 30200 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 20000 | U | 20000 | 30200 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9500 | U | 9500 | 15600 | 61000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 12000 | U | 12000 | 15600 | 61000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 21000 | U | 21000 | 15600 | 61000 | ug/Kg |
| 86-73-7 | Fluorene | 21000 | U | 21000 | 15600 | 61000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 15000 | U | 15000 | 15600 | 61000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 15000 | U | 15000 | 30200 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30000 | U | 30000 | 30200 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 34000 | U | 34000 | 15600 | 61000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 23000 | U | 23000 | 15600 | 61000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 27000 | U | 27000 | 15600 | 61000 | ug/Kg |
| 1912-24-9 | Atrazine | 26000 | U | 26000 | 30200 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 240000 | D | 40000 | 30200 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8400 | U | 8400 | 15600 | 61000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 26000 | U | 26000 | 15600 | 61000 | ug/Kg |
| 120-12-7 | Anthracene | 7000 | U | 7000 | 15600 | 61000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 27000 | U | 27000 | 15600 | 61000 | ug/Kg |
| 86-74-8 | Carbazole | 12000 | U | 12000 | 30200 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 10000 | U | 10000 | 15600 | 61000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7300 | U | 7300 | 30200 | 61000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062951.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7600 | U | 7600 | 15600 | 61000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6300 | U | 6300 | 15600 | 61000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 24000 | U | 24000 | 30200 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9400 | U | 9400 | 15600 | 61000 | ug/Kg |
| 218-01-9 | Chrysene | 7900 | U | 7900 | 15600 | 61000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 7000 | U | 7000 | 15600 | 61000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 16000 | U | 16000 | 30200 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 15600 | 61000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 10000 | U | 10000 | 15600 | 61000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15600 | 61000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9400 | U | 9400 | 15600 | 61000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15600 | 61000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 22000 | U | 22000 | 15600 | 61000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 17.12 | | 10-130 | | 43 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 17.88 | | 10-150 | | 45 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 16.11 | | 15-120 | | 40 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.21 | | 10-140 | | 38 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 13.41 | | 10-135 | | 34 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 12.15 | | 10-120 | | 30 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 17.81 | | 10-140 | | 45 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 15.5 | | 1-145 | | 39 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 19.1 | | 10-145 | | 48 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 19.78 | | 15-120 | | 49 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 20.68 | | 20-140 | | 52 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC05MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-16MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20.4 |
| 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 |
|---|---|---|---|---|
| BG062951.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 20.88 | | 10-150 | | 52 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 18.75 | | 10-130 | | 47 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 20.86 | | 10-140 | | 52 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 39073 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 167414 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 129595 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 317302 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 354444 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 418423 | 24.529 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.490 | 39000 | JD | | | 7.49 | |
| | (DEL) Alkane: Straight-Chain9.083 | 38000 | JD | | | 9.083 | |
| E966796 | Total Alkanes | 77000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062952.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2300 | 23000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 24000 | U | 24000 | 28700 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 41000 | U | 41000 | 57400 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 17000 | U | 17000 | 28700 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 22000 | U | 22000 | 28700 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 17000 | U | 17000 | 14800 | 58000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 14000 | U | 14000 | 28700 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 23000 | U | 23000 | 28700 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 17000 | U | 17000 | 28700 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 17000 | U | 17000 | 28700 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 24000 | U | 24000 | 14800 | 58000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 20000 | U | 20000 | 14800 | 58000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 21000 | U | 21000 | 14800 | 58000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 14800 | 58000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 10000 | U | 10000 | 14800 | 58000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 6800 | U | 6800 | 14800 | 58000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 8700 | U | 8700 | 14800 | 58000 | ug/Kg |
| 91-20-3 | Naphthalene | 6500 | U | 6500 | 14800 | 58000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 10000 | U | 10000 | 14800 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 14000 | U | 14000 | 14800 | 58000 | ug/Kg |
| 105-60-2 | Caprolactam | 23000 | U | 23000 | 28700 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 14800 | 58000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7200 | U | 7200 | 14800 | 58000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 8800 | U | 8800 | 14800 | 58000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 30000 | U | 30000 | 28700 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 14000 | U | 14000 | 14800 | 58000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062952.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 9900 | U | 9900 | 14800 | 58000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 19000 | U | 19000 | 14800 | 58000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 9500 | U | 9500 | 14800 | 58000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 17000 | U | 17000 | 14800 | 58000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 10000 | U | 10000 | 14800 | 58000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 15000 | U | 15000 | 28700 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9000 | U | 9000 | 14800 | 58000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 42000 | U | 42000 | 28700 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 19000 | U | 19000 | 28700 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9000 | U | 9000 | 14800 | 58000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 20000 | U | 20000 | 14800 | 58000 | ug/Kg |
| 86-73-7 | Fluorene | 20000 | U | 20000 | 14800 | 58000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 14000 | U | 14000 | 14800 | 58000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 14000 | U | 14000 | 28700 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 29000 | U | 29000 | 28700 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 32000 | U | 32000 | 14800 | 58000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10000 | U | 10000 | 14800 | 58000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 22000 | U | 22000 | 14800 | 58000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 26000 | U | 26000 | 14800 | 58000 | ug/Kg |
| 1912-24-9 | Atrazine | 24000 | U | 24000 | 28700 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 470000 | D | 38000 | 28700 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8000 | U | 8000 | 14800 | 58000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 24000 | U | 24000 | 14800 | 58000 | ug/Kg |
| 120-12-7 | Anthracene | 6600 | U | 6600 | 14800 | 58000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 26000 | U | 26000 | 14800 | 58000 | ug/Kg |
| 86-74-8 | Carbazole | 11000 | U | 11000 | 28700 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 9900 | U | 9900 | 14800 | 58000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7000 | U | 7000 | 28700 | 58000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062952.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7200 | U | 7200 | 14800 | 58000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6000 | U | 6000 | 14800 | 58000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 23000 | U | 23000 | 28700 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 8900 | U | 8900 | 14800 | 58000 | ug/Kg |
| 218-01-9 | Chrysene | 7500 | U | 7500 | 14800 | 58000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6600 | U | 6600 | 14800 | 58000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 15000 | U | 15000 | 28700 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 9700 | U | 9700 | 14800 | 58000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 14800 | 58000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 8900 | U | 8900 | 14800 | 58000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 10000 | U | 10000 | 14800 | 58000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30000 | JD | 21000 | 14800 | 58000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 16.49 | | 10-130 | | 41 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.68 | | 10-150 | | 52 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.11 | | 15-120 | | 48 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.33 | | 10-140 | | 43 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 18.78 | | 10-135 | | 47 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 15.38 | | 10-120 | | 38 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 18.39 | | 10-140 | | 46 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 15.91 | | 1-145 | | 40 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.59 | | 10-145 | | 51 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.59 | | 15-120 | | 54 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.29 | | 20-140 | | 58 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDCC1MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-18MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 17.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062952.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.9 | | 10-150 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.79 | | 10-130 | | 52 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 21.17 | | 10-140 | | 53 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 40279 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 163789 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 128153 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 315996 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 337702 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 407059 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.485 | 36000 | JD | | | 7.485 | |
| | (DEL) Alkane: Straight-Chain9.083 | 27000 | JD | | | 9.083 | |
| E966796 | Total Alkanes | 63000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062953.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 12000 | U | 12000 | 2500 | 26000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 27000 | U | 27000 | 31800 | 130000 | ug/Kg |
| 110-86-1 | Pyridine | 45000 | U | 45000 | 63500 | 130000 | ug/Kg |
| 108-95-2 | Phenol | 19000 | U | 19000 | 31800 | 130000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 24000 | U | 24000 | 31800 | 130000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 19000 | U | 19000 | 16400 | 64000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 15000 | U | 15000 | 31800 | 130000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 26000 | U | 26000 | 31800 | 130000 | ug/Kg |
| 98-86-2 | Acetophenone | 19000 | U | 19000 | 31800 | 130000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 19000 | U | 19000 | 31800 | 130000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 27000 | U | 27000 | 16400 | 64000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 22000 | U | 22000 | 16400 | 64000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 23000 | U | 23000 | 16400 | 64000 | ug/Kg |
| 78-59-1 | Isophorone | 14000 | U | 14000 | 16400 | 64000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7600 | U | 7600 | 16400 | 64000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 9600 | U | 9600 | 16400 | 64000 | ug/Kg |
| 91-20-3 | Naphthalene | 7200 | U | 7200 | 16400 | 64000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 12000 | U | 12000 | 16400 | 130000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 15000 | U | 15000 | 16400 | 64000 | ug/Kg |
| 105-60-2 | Caprolactam | 26000 | U | 26000 | 31800 | 130000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 14000 | U | 14000 | 16400 | 64000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 8000 | U | 8000 | 16400 | 64000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9800 | U | 9800 | 16400 | 64000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 33000 | U | 33000 | 31800 | 130000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 15000 | U | 15000 | 16400 | 64000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062953.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 21000 | U | 21000 | 16400 | 64000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 19000 | U | 19000 | 16400 | 64000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 17000 | U | 17000 | 31800 | 130000 | ug/Kg |
| 83-32-9 | Acenaphthene | 10000 | U | 10000 | 16400 | 64000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 46000 | U | 46000 | 31800 | 130000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 21000 | U | 21000 | 31800 | 130000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 10000 | U | 10000 | 16400 | 64000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 22000 | U | 22000 | 16400 | 64000 | ug/Kg |
| 86-73-7 | Fluorene | 22000 | U | 22000 | 16400 | 64000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 15000 | U | 15000 | 16400 | 64000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 15000 | U | 15000 | 31800 | 130000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 32000 | U | 32000 | 31800 | 130000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 36000 | U | 36000 | 16400 | 64000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 24000 | U | 24000 | 16400 | 64000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 28000 | U | 28000 | 16400 | 64000 | ug/Kg |
| 1912-24-9 | Atrazine | 27000 | U | 27000 | 31800 | 130000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 310000 | D | 42000 | 31800 | 130000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8900 | U | 8900 | 16400 | 64000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 27000 | U | 27000 | 16400 | 64000 | ug/Kg |
| 120-12-7 | Anthracene | 7300 | U | 7300 | 16400 | 64000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 28000 | U | 28000 | 16400 | 64000 | ug/Kg |
| 86-74-8 | Carbazole | 12000 | U | 12000 | 31800 | 130000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7700 | U | 7700 | 31800 | 64000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062953.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 8000 | U | 8000 | 16400 | 64000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6700 | U | 6700 | 16400 | 64000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 26000 | U | 26000 | 31800 | 130000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9900 | U | 9900 | 16400 | 64000 | ug/Kg |
| 218-01-9 | Chrysene | 8300 | U | 8300 | 16400 | 64000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 7300 | U | 7300 | 16400 | 64000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 17000 | U | 17000 | 31800 | 130000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 11000 | U | 11000 | 16400 | 64000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 13000 | U | 13000 | 16400 | 64000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9900 | U | 9900 | 16400 | 64000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 12000 | U | 12000 | 16400 | 64000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 26000 | JD | 23000 | 16400 | 64000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 17.75 | | 10-130 | | 44 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 19.02 | | 10-150 | | 48 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 18.67 | | 15-120 | | 47 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.58 | | 10-140 | | 44 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.58 | | 10-135 | | 41 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.13 | | 10-120 | | 50 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 18.51 | | 10-140 | | 46 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.31 | | 1-145 | | 46 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.52 | | 10-145 | | 56 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.15 | | 15-120 | | 53 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.2 | | 20-140 | | 61 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVX7MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 23.6 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062953.D | 10 | 9/13/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 21.43 | | 10-150 | | 54 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.93 | | 10-130 | | 52 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.28 | | 10-140 | | 56 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 37858 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 153785 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 125296 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 311044 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 339934 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 401418 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.482 | 72000 | JD | | | 7.482 | |
| | (DEL) Alkane: Straight-Chain9.086 | 41000 | JD | | | 9.086 | |
| E966796 | Total Alkanes | 110000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BS | | | 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 |
|---|---|---|---|---|
| BG062954.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 6.7 | | 1.2 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 19 | | 2.2 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 22 | | 2.3 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 23 | | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 24 | | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 24 | | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 21 | | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 19 | | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 22 | | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 20 | | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 20 | | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 23 | | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 25 | | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 23 | | 1.1 | 2.5 | 5 | ug/L |
| 88-75-5 | 2-Nitrophenol | 23 | | 1.2 | 2.5 | 5 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 19 | | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 23 | | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 23 | | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 22 | | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 19 | | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 26 | | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 23 | | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 25 | | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 22 | | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 22 | | 1.6 | 2.5 | 5 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 22 | | 3.1 | 5 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 20 | | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 21 | | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS458 | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BS | 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 |
|---|---|---|---|---|
| BG062954.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 22 | | 0.99 | 2.5 | 5 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 22 | | 1.1 | 2.5 | 5 | ug/L |
| 88-74-4 | 2-Nitroaniline | 24 | | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 22 | | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 23 | | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 23 | | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 22 | | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 22 | | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 24 | | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 29 | | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 21 | | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 23 | | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 20 | | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 22 | | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 23 | | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 25 | | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 25 | | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 23 | | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 24 | | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 26 | | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 26 | | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 17 | | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 24 | | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 25 | | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 23 | | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 24 | | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 24 | | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 22 | | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 22 | | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BS | | | 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 |
|---|---|---|---|---|
| BG062954.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 22 | | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 21 | | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 25 | | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 23 | | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 24 | | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 21 | | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 21 | | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 23 | | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 24 | | 1.1 | 2.5 | 5 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 22 | | 1.1 | 2.5 | 5 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 23 | | 1.4 | 2.5 | 5 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 24 | | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 23 | | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 19 | | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.181 | | 15-120 | | 52 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 18.102 | | 20-120 | | 45 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 24.064 | | 10-130 | | 60 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 24.176 | | 25-120 | | 60 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 24.039 | | 20-130 | | 60 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 22.119 | | 25-125 | | 55 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.232 | | 20-125 | | 58 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.999 | | 20-130 | | 62 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.931 | | 20-120 | | 60 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 20.579 | | 1-146 | | 51 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.714 | | 25-130 | | 57 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.878 | | 10-130 | | 55 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 21.566 | | 10-150 | | 54 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.368 | | 25-125 | | 56 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BS | | | 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 |
|---|---|---|---|---|
| BG062954.D | 1 | 9/16/2024 12:00:00 AM | 9/19/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 27.095 | | 10-130 | | 68 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.961 | | 25-130 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.488 | | 15-130 | | 56 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.606 | | 20-130 | | 57 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 48446 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 193674 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 156928 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 360121 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 380955 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 456793 | 24.535 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062956.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062956.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062956.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 7291-22-7 | Pyridine-d5 | 20.962 | | 20-120 | | 52 | SPK: -40 |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.249 | | 15-120 | | 53 | SPK: -8 |
| 4165-62-2 | Phenol-d5 | 24.686 | | 10-130 | | 62 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.444 | | 25-120 | | 64 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 24.998 | | 20-130 | | 62 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.823 | | 25-125 | | 62 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 25.133 | | 20-125 | | 63 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.085 | | 20-130 | | 70 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.355 | | 20-120 | | 63 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 25.145 | | 1-146 | | 63 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 26.827 | | 25-130 | | 67 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.595 | | 10-130 | | 64 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.739 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.534 | | 25-125 | | 66 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK458 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163458BL | | | 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 |
|---|---|---|---|---|
| BG062956.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 21.206 | | 10-130 | | 53 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.548 | | 25-130 | | 64 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.942 | | 15-130 | | 62 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.685 | | 20-130 | | 67 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41596 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 172378 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 137483 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 334974 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 361910 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 412670 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062957.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 920 | U | 920 | 190 | 2000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 110-86-1 | Pyridine | 3400 | U | 3400 | 4900 | 9800 | ug/Kg |
| 108-95-2 | Phenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1900 | U | 1900 | 2400 | 9800 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 98-86-2 | Acetophenone | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 580 | U | 580 | 1300 | 4900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 740 | U | 740 | 1300 | 4900 | ug/Kg |
| 91-20-3 | Naphthalene | 550 | U | 550 | 1300 | 4900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 880 | U | 880 | 1300 | 9800 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 105-60-2 | Caprolactam | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 940 | U | 940 | 1300 | 4900 | ug/Kg |

Alliance TECHNICAL GROUP
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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062957.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 890 | U | 890 | 1300 | 4900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1600 | U | 1600 | 1300 | 4900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 800 | U | 800 | 1300 | 4900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 83-32-9 | Acenaphthene | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3500 | U | 3500 | 2400 | 9800 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1600 | U | 1600 | 2400 | 9800 | ug/Kg |
| 132-64-9 | Dibenzofuran | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 940 | U | 940 | 1300 | 4900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 86-73-7 | Fluorene | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 2700 | U | 2700 | 1300 | 4900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 860 | U | 860 | 1300 | 4900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 1900 | U | 1900 | 1300 | 4900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 1912-24-9 | Atrazine | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 3200 | U | 3200 | 2400 | 9800 | ug/Kg |
| 85-01-8 | Phenanthrene | 680 | U | 680 | 1300 | 4900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 120-12-7 | Anthracene | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 86-74-8 | Carbazole | 930 | U | 930 | 2400 | 9800 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 206-44-0 | Fluoranthene | 590 | U | 590 | 2400 | 4900 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062957.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 510 | U | 510 | 1300 | 4900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 218-01-9 | Chrysene | 640 | U | 640 | 1300 | 4900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 820 | U | 820 | 1300 | 4900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 970 | U | 970 | 1300 | 4900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 910 | U | 910 | 1300 | 4900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 880 | U | 880 | 1300 | 4900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.684 | | 15-120 | | 46 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 20.954 | | 20-120 | | 52 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.118 | | 10-130 | | 55 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.161 | | 10-150 | | 53 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.828 | | 15-120 | | 55 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.508 | | 10-140 | | 54 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.406 | | 10-135 | | 61 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 25.258 | | 10-120 | | 63 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 23.679 | | 10-140 | | 59 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.088 | | 1-145 | | 58 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.837 | | 10-145 | | 60 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.545 | | 15-120 | | 56 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 19.009 | | 10-150 | | 48 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.892 | | 20-140 | | 60 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062957.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 19.766 | | 10-130 | | 49 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.394 | | 10-150 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.241 | | 10-130 | | 56 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.065 | | 10-140 | | 55 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43610 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 167950 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 142177 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 333436 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 360970 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 424314 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 890 | U | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062958.D | 10 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 12000 | U | 12000 | 2500 | 25000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 26000 | U | 26000 | 30600 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 43000 | U | 43000 | 61300 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 19000 | U | 19000 | 30600 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 24000 | U | 24000 | 30600 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 19000 | U | 19000 | 15800 | 62000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 15000 | U | 15000 | 30600 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 25000 | U | 25000 | 30600 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 19000 | U | 19000 | 30600 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 19000 | U | 19000 | 30600 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 26000 | U | 26000 | 15800 | 62000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 21000 | U | 21000 | 15800 | 62000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 22000 | U | 22000 | 15800 | 62000 | ug/Kg |
| 78-59-1 | Isophorone | 14000 | U | 14000 | 15800 | 62000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7300 | U | 7300 | 15800 | 62000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 9300 | U | 9300 | 15800 | 62000 | ug/Kg |
| 91-20-3 | Naphthalene | 6900 | U | 6900 | 15800 | 62000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15800 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 15000 | U | 15000 | 15800 | 62000 | ug/Kg |
| 105-60-2 | Caprolactam | 25000 | U | 25000 | 30600 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 14000 | U | 14000 | 15800 | 62000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7700 | U | 7700 | 15800 | 62000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9400 | U | 9400 | 15800 | 62000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 32000 | U | 32000 | 30600 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 15000 | U | 15000 | 15800 | 62000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062958.D | 10 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 20000 | U | 20000 | 15800 | 62000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 10000 | U | 10000 | 15800 | 62000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 19000 | U | 19000 | 15800 | 62000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 16000 | U | 16000 | 30600 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9700 | U | 9700 | 15800 | 62000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 45000 | U | 45000 | 30600 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 20000 | U | 20000 | 30600 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9700 | U | 9700 | 15800 | 62000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 21000 | U | 21000 | 15800 | 62000 | ug/Kg |
| 86-73-7 | Fluorene | 21000 | U | 21000 | 15800 | 62000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 15000 | U | 15000 | 15800 | 62000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 15000 | U | 15000 | 30600 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 31000 | U | 31000 | 30600 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 35000 | U | 35000 | 15800 | 62000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 24000 | U | 24000 | 15800 | 62000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 27000 | U | 27000 | 15800 | 62000 | ug/Kg |
| 1912-24-9 | Atrazine | 26000 | U | 26000 | 30600 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 260000 | D | 41000 | 30600 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8500 | U | 8500 | 15800 | 62000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 26000 | U | 26000 | 15800 | 62000 | ug/Kg |
| 120-12-7 | Anthracene | 7100 | U | 7100 | 15800 | 62000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 27000 | U | 27000 | 15800 | 62000 | ug/Kg |
| 86-74-8 | Carbazole | 12000 | U | 12000 | 30600 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7400 | U | 7400 | 30600 | 62000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062958.D | 10 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7700 | U | 7700 | 15800 | 62000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6400 | U | 6400 | 15800 | 62000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 25000 | U | 25000 | 30600 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9500 | U | 9500 | 15800 | 62000 | ug/Kg |
| 218-01-9 | Chrysene | 8000 | U | 8000 | 15800 | 62000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 7100 | U | 7100 | 15800 | 62000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 16000 | U | 16000 | 30600 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 10000 | U | 10000 | 15800 | 62000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 12000 | U | 12000 | 15800 | 62000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9500 | U | 9500 | 15800 | 62000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15800 | 62000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 22000 | U | 22000 | 15800 | 62000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 13.28 | | 10-130 | | 33 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 14.92 | | 10-150 | | 37 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 14.08 | | 15-120 | | 35 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 12.96 | | 10-140 | | 32 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 14.76 | | 10-135 | | 37 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 12.47 | | 10-120 | | 31 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 15.97 | | 10-140 | | 40 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 13.55 | | 1-145 | | 34 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 14.84 | | 10-145 | | 37 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 16.01 | | 15-120 | | 40 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 17.14 | | 20-140 | | 43 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/4/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/4/2024 12:00:00 AM |
| Client Sample ID: | DCVY3MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3877-10MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 20 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062958.D | 10 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 17.03 | | 10-150 | | 43 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 17.27 | | 10-130 | | 43 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 16.89 | | 10-140 | | 42 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43213 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 164644 | 10.647 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 140593 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 323185 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 343501 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 412888 | 24.531 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.882 | 27000 | JD | | | 5.882 | |
| | (DEL) Alkane: Straight-Chain7.486 | 93000 | JD | | | 7.486 | |
| | (DEL) Alkane: Straight-Chain9.084 | 61000 | JD | | | 9.084 | |
| 1000360-66-3 | Nonanoic acid, 3-methylbutyl-2 est | 25000 | JD | | | 12.31 | |
| | (DEL) Alkane: Straight-Chain14.395 | 26000 | JD | | | 14.395 | |
| E966796 | Total Alkanes | 210000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B39 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-08 | | | 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 |
|---|---|---|---|---|
| BG062959.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B39 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-08 | | | 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 |
|---|---|---|---|---|
| BG062959.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B39 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-08 | | | 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 |
|---|---|---|---|---|
| BG062959.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.235 | | 15-120 | | 40 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 5.35 | * | 20-120 | | 13 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.771 | | 10-130 | | 14 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.42 | | 25-120 | | 59 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.707 | | 20-130 | | 52 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 12.971 | | 25-125 | | 32 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 22.081 | | 20-125 | | 55 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 25.742 | | 20-130 | | 64 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 22.496 | | 20-120 | | 56 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.676 | | 1-146 | | 49 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.656 | | 25-130 | | 64 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.049 | | 10-130 | | 58 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 4.463 | | 10-150 | | 11 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 24.98 | | 25-125 | | 62 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B39 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-08 | | | 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 |
|---|---|---|---|---|
| BG062959.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 24.88 | | 10-130 | | 62 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.289 | | 25-130 | | 63 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.417 | | 15-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.95 | | 20-130 | | 67 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 47809 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 195514 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 152742 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 367200 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 392641 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 456649 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B44 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-09 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062960.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.84 | U | 0.84 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.91 | U | 0.91 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.95 | U | 0.95 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 3 | U | 3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.2 | U | 3.2 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.82 | U | 0.82 | 2.6 | 5.1 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B44 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-09 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062960.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.98 | U | 0.98 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.98 | U | 0.98 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.6 | U | 2.6 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.94 | U | 0.94 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B44 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-09 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062960.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.77 | U | 0.77 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.908 | | 15-120 | | 36 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 4.602 | * | 20-120 | | 12 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.705 | | 10-130 | | 17 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.7 | | 25-120 | | 54 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.261 | | 20-130 | | 51 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 15.239 | | 25-125 | | 38 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 22.009 | | 20-125 | | 55 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.654 | | 20-130 | | 62 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.46 | | 20-120 | | 54 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 17.983 | | 1-146 | | 45 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.392 | | 25-130 | | 58 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.239 | | 10-130 | | 56 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.678 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.539 | | 25-125 | | 59 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B44 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-09 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062960.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 26.045 | | 10-130 | | 65 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 27.227 | | 25-130 | | 68 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.561 | | 15-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.582 | | 20-130 | | 69 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 42969 | 7.854 | | | | |
| 1146-65-2 | Naphthalene-d8 | 171551 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 141406 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 326272 | 17.237 | | | | |
| 1719-03-5 | Chrysene-d12 | 354134 | 21.485 | | | | |
| 1520-96-3 | Perylene-d12 | 412031 | 24.534 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000143-07-7 | Dodecanoic acid | 8.7 | J | | | 14.922 | |
| 000119-61-9 | Benzophenone | 3.6 | J | | | 15.845 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B45 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-10 | | | 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 |
|---|---|---|---|---|
| BG062961.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.1 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.83 | U | 0.83 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.9 | U | 0.9 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.94 | U | 0.94 | 2.5 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.5 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.99 | U | 0.99 | 2.5 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.81 | U | 0.81 | 2.5 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B45 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-10 | | | 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 |
|---|---|---|---|---|
| BG062961.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 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 | 1.7 | U | 1.7 | 2.5 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.97 | U | 0.97 | 2.5 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.5 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.91 | U | 0.91 | 2.5 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.97 | U | 0.97 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.5 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.93 | U | 0.93 | 2.5 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.82 | U | 0.82 | 2.5 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B45 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-10 | | | 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 |
|---|---|---|---|---|
| BG062961.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.5 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.98 | U | 0.98 | 2.5 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.5 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.76 | U | 0.76 | 2.5 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.88 | U | 0.88 | 2.5 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.815 | | 15-120 | | 35 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 7.325 | * | 20-120 | | 18 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 6.847 | | 10-130 | | 17 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.303 | | 25-120 | | 58 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 21.37 | | 20-130 | | 53 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 16.345 | | 25-125 | | 41 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.403 | | 20-125 | | 66 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.696 | | 20-130 | | 72 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.026 | | 20-120 | | 63 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 20.203 | | 1-146 | | 51 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.322 | | 25-130 | | 63 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.848 | | 10-130 | | 60 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.635 | | 10-150 | | 14 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 25.047 | | 25-125 | | 63 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B45 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-10 | | | 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 |
|---|---|---|---|---|
| BG062961.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 24.869 | | 10-130 | | 62 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 25.46 | | 25-130 | | 64 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.755 | | 15-130 | | 64 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 27.586 | | 20-130 | | 69 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45160 | 7.862 | | | | |
| 1146-65-2 | Naphthalene-d8 | 178333 | 10.647 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 142331 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 345754 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 359329 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 416985 | 24.525 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000143-07-7 | Dodecanoic acid | 12 | J | | | 14.924 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B50 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062962.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 3.1 | | 1.2 | 0.51 | 2 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5.1 | 10 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10.2 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5.1 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.84 | U | 0.84 | 5.1 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.91 | U | 0.91 | 5.1 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.6 | 5.1 | ug/L |
| 98-95-3 | Nitrobenzene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.95 | U | 0.95 | 2.6 | 5.1 | ug/L |
| 91-20-3 | Naphthalene | 0.71 | U | 0.71 | 2.6 | 5.1 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.6 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 105-60-2 | Caprolactam | 3 | U | 3 | 5.1 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.6 | 5.1 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 2.6 | 5.1 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.2 | U | 3.2 | 5.1 | 10 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.82 | U | 0.82 | 2.6 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B50 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062962.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.7 | U | 1.7 | 2.6 | 5.1 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.6 | 5.1 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.9 | U | 2.9 | 5.1 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5.1 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 84-66-2 | Diethylphthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 86-73-7 | Fluorene | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.98 | U | 0.98 | 2.6 | 5.1 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5.1 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.72 | U | 0.72 | 2.6 | 5.1 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.6 | 5.1 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 1912-24-9 | Atrazine | 0.98 | U | 0.98 | 5.1 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.6 | U | 2.6 | 5.1 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 120-12-7 | Anthracene | 0.73 | U | 0.73 | 2.6 | 5.1 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.94 | U | 0.94 | 2.6 | 5.1 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5.1 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.83 | U | 0.83 | 2.6 | 5.1 | ug/L |
| 206-44-0 | Fluoranthene | 0.66 | U | 0.66 | 5.1 | 5.1 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B50 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062962.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.54 | U | 0.54 | 2.6 | 5.1 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.99 | U | 0.99 | 2.6 | 5.1 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5.1 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.57 | U | 0.57 | 2.6 | 5.1 | ug/L |
| 218-01-9 | Chrysene | 0.77 | U | 0.77 | 2.6 | 5.1 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.89 | U | 0.89 | 2.6 | 5.1 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5.1 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1.4 | U | 1.4 | 2.6 | 5.1 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1.2 | U | 1.2 | 2.6 | 5.1 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.6 | 5.1 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.6 | 5.1 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 7.092 | | 15-120 | | 89 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 7.108 | * | 20-120 | | 18 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 10.199 | | 10-130 | | 25 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 21.967 | | 25-120 | | 55 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 23.193 | | 20-130 | | 58 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.259 | | 25-125 | | 46 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 20.556 | | 20-125 | | 51 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.95 | | 20-130 | | 62 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 22.248 | | 20-120 | | 56 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.052 | | 1-146 | | 45 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.744 | | 25-130 | | 59 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.834 | | 10-130 | | 55 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 7.066 | | 10-150 | | 18 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.283 | | 25-125 | | 58 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/13/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/13/2024 12:00:00 AM |
| Client Sample ID: | C0B50 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3994-11 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 980 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | |
| Extraction Type : | | | Decanted : | Level : | LOW |
| Injection Volume : | | | GPC Factor : | GPC Cleanup : | PH : |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BG062962.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.738 | | 10-130 | | 59 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.987 | | 25-130 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.258 | | 15-130 | | 58 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 24.735 | | 20-130 | | 62 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45691 | 7.854 | | | | |
| 1146-65-2 | Naphthalene-d8 | 188113 | 10.645 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 144301 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 356754 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 385185 | 21.485 | | | | |
| 1520-96-3 | Perylene-d12 | 458171 | 24.529 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000143-07-7 | Dodecanoic acid | 4.3 | J | | | 14.917 | |
| E966796 | Total Alkanes | 1 | U | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/9/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/9/2024 12:00:00 AM |
| Client Sample ID: | DDCG8 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P4013-01 | | | 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 |
|---|---|---|---|---|
| BG062963.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1.2 | U | 1.2 | 0.5 | 2 | ug/L |
| 110-86-1 | Pyridine | 2.2 | U | 2.2 | 10 | 10 | ug/L |
| 100-52-7 | Benzaldehyde | 2.3 | U | 2.3 | 5 | 10 | ug/L |
| 108-95-2 | Phenol | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1.3 | U | 1.3 | 5 | 10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 95-48-7 | 2-Methylphenol | 0.82 | U | 0.82 | 5 | 10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 98-86-2 | Acetophenone | 0.89 | U | 0.89 | 5 | 10 | ug/L |
| 106-44-5 | 4-Methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 67-72-1 | Hexachloroethane | 1.5 | U | 1.5 | 2.5 | 5 | ug/L |
| 98-95-3 | Nitrobenzene | 0.99 | U | 0.99 | 2.5 | 5 | ug/L |
| 78-59-1 | Isophorone | 1.1 | U | 1.1 | 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 | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.93 | U | 0.93 | 2.5 | 5 | ug/L |
| 91-20-3 | Naphthalene | 0.7 | U | 0.7 | 2.5 | 5 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1.8 | U | 1.8 | 2.5 | 10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.98 | U | 0.98 | 2.5 | 5 | ug/L |
| 105-60-2 | Caprolactam | 2.9 | U | 2.9 | 5 | 10 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2 | U | 2 | 2.5 | 5 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1 | U | 1 | 2.5 | 5 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1.6 | U | 1.6 | 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 | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.8 | U | 0.8 | 2.5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/9/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/9/2024 12:00:00 AM |
| Client Sample ID: | DDCG8 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P4013-01 | | | 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 |
|---|---|---|---|---|
| BG062963.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 0.99 | U | 0.99 | 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 | 1.7 | U | 1.7 | 2.5 | 5 | ug/L |
| 131-11-3 | Dimethylphthalate | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1.3 | U | 1.3 | 2.5 | 5 | ug/L |
| 208-96-8 | Acenaphthylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 83-32-9 | Acenaphthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2.8 | U | 2.8 | 5 | 10 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1.4 | U | 1.4 | 5 | 10 | ug/L |
| 132-64-9 | Dibenzofuran | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 84-66-2 | Diethylphthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 86-73-7 | Fluorene | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.96 | U | 0.96 | 2.5 | 5 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.2 | U | 1.2 | 5 | 10 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 0.71 | U | 0.71 | 2.5 | 5 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.9 | U | 0.9 | 2.5 | 5 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1.4 | U | 1.4 | 2.5 | 5 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 1912-24-9 | Atrazine | 0.96 | U | 0.96 | 5 | 10 | ug/L |
| 87-86-5 | Pentachlorophenol | 2.5 | U | 2.5 | 5 | 10 | ug/L |
| 85-01-8 | Phenanthrene | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 120-12-7 | Anthracene | 0.72 | U | 0.72 | 2.5 | 5 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 0.92 | U | 0.92 | 2.5 | 5 | ug/L |
| 86-74-8 | Carbazole | 1 | U | 1 | 5 | 10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 0.81 | U | 0.81 | 2.5 | 5 | ug/L |
| 206-44-0 | Fluoranthene | 0.65 | U | 0.65 | 5 | 5 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/9/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/9/2024 12:00:00 AM |
| Client Sample ID: | DDCG8 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P4013-01 | | | 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 |
|---|---|---|---|---|
| BG062963.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 0.53 | U | 0.53 | 2.5 | 5 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 0.97 | U | 0.97 | 2.5 | 5 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1.7 | U | 1.7 | 5 | 10 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.56 | U | 0.56 | 2.5 | 5 | ug/L |
| 218-01-9 | Chrysene | 0.75 | U | 0.75 | 2.5 | 5 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.87 | U | 0.87 | 2.5 | 5 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1.5 | U | 1.5 | 5 | 10 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1.1 | U | 1.1 | 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 | 1.2 | U | 1.2 | 2.5 | 5 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1.1 | U | 1.1 | 2.5 | 5 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1 | U | 1 | 2.5 | 5 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.704 | | 15-120 | | 34 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 3.047 | * | 20-120 | | 8 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 5.513 | | 10-130 | | 14 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.596 | | 25-120 | | 51 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.319 | | 20-130 | | 48 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 13.848 | | 25-125 | | 35 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.288 | | 20-125 | | 53 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 23.865 | | 20-130 | | 60 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 20.874 | | 20-120 | | 52 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 8.166 | | 1-146 | | 20 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.341 | | 25-130 | | 56 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 21.593 | | 10-130 | | 54 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 5.286 | | 10-150 | | 13 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 22.812 | | 25-125 | | 57 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/9/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/9/2024 12:00:00 AM |
| Client Sample ID: | DDCG8 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P4013-01 | | | 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 |
|---|---|---|---|---|
| BG062963.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163458 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.46 | | 10-130 | | 51 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.244 | | 25-130 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.908 | | 15-130 | | 60 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.235 | | 20-130 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 44452 | 7.854 | | | | |
| 1146-65-2 | Naphthalene-d8 | 186736 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 158227 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 376948 | 17.237 | | | | |
| 1719-03-5 | Chrysene-d12 | 382333 | 21.485 | | | | |
| 1520-96-3 | Perylene-d12 | 461602 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 0.99 | U | | | 99 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062964.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 110-86-1 | Pyridine | 4000 | U | 4000 | 5700 | 11000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2800 | 11000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 5700 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5700 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 680 | U | 680 | 1500 | 5700 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 860 | U | 860 | 1500 | 5700 | ug/Kg |
| 91-20-3 | Naphthalene | 640 | U | 640 | 1500 | 5700 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1500 | 11000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1600 | J | 710 | 1500 | 5700 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 2200 | J | 870 | 1500 | 5700 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2800 | 11000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062964.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 980 | U | 980 | 1500 | 5700 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1800 | U | 1800 | 1500 | 5700 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 940 | U | 940 | 1500 | 5700 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 83-32-9 | Acenaphthene | 900 | U | 900 | 1500 | 5700 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4100 | U | 4100 | 2800 | 11000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1800 | U | 1800 | 2800 | 11000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 900 | U | 900 | 1500 | 5700 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 5700 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 5700 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2800 | 11000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1500 | 5700 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5700 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 230000 | E | 3800 | 2800 | 11000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1500 | J | 790 | 1500 | 5700 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 120-12-7 | Anthracene | 650 | U | 650 | 1500 | 5700 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2800 | 11000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 980 | U | 980 | 1500 | 5700 | ug/Kg |
| 206-44-0 | Fluoranthene | 690 | U | 690 | 2800 | 5700 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062964.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 710 | U | 710 | 1500 | 5700 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 600 | U | 600 | 1500 | 5700 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 218-01-9 | Chrysene | 750 | U | 750 | 1500 | 5700 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 650 | U | 650 | 1500 | 5700 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 960 | U | 960 | 1500 | 5700 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 17000 | | 2100 | 1500 | 5700 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.203 | | 15-120 | | 40 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 18.615 | | 20-120 | | 47 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.137 | | 10-130 | | 58 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.559 | | 10-150 | | 59 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 24.517 | | 15-120 | | 61 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 24.53 | | 10-140 | | 61 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.431 | | 10-135 | | 66 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 26.149 | | 10-120 | | 65 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.666 | | 10-140 | | 62 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.439 | | 1-145 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 27.995 | | 10-145 | | 70 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 27.598 | | 15-120 | | 69 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 22.079 | | 10-150 | | 55 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 28.937 | | 20-140 | | 72 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062964.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 23.869 | | 10-130 | | 60 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.959 | | 10-150 | | 62 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.534 | | 10-130 | | 61 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.364 | | 10-140 | | 66 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 36820 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 149187 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 105450 | 14.492 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 282114 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 298113 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 362877 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.482 | 7500 | J | | | 7.482 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 4200 | J | | | 7.917 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 3000 | J | | | 8.281 | |
| | (DEL) Alkane: Straight-Chain8.393 | 2400 | J | | | 8.393 | |
| | (DEL) Alkane: Straight-Chain9.080 | 9000 | J | | | 9.08 | |
| | unknown-01 | 2900 | J | | | 11.025 | |
| | (DEL) Alkane: Straight-Chain12.071 | 6400 | J | | | 12.071 | |
| | (DEL) Alkane: Straight-Chain13.317 | 8300 | J | | | 13.317 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 4900 | J | | | 13.663 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 5700 | J | | | 13.81 | |
| | (DEL) Alkane: Straight-Chain13.975 | 4400 | J | | | 13.975 | |
| | (DEL) Alkane: Straight-Chain14.392 | 9600 | J | | | 14.392 | |
| 002131-42-2 | Naphthalene, 1,4,6-trimethyl- | 3800 | J | | | 14.891 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 2600 | J | | | 14.962 | |
| | unknown-02 | 3400 | J | | | 15.015 | |
| | (DEL) Alkane: Straight-Chain15.344 | 12000 | J | | | 15.344 | |
| 000119-61-9 | Benzophenone | 7500 | J | | | 15.849 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062964.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain16.207 | 15000 | J | | | 16.207 | |
| | (DEL) Alkane: Straight-Chain17.000 | 11000 | J | | | 17 | |
| | (DEL) Alkane: Straight-Chain17.053 | 8900 | J | | | 17.053 | |
| | (DEL) Alkane: Straight-Chain17.741 | 10000 | J | | | 17.741 | |
| | (DEL) Alkane: Straight-Chain18.434 | 9800 | J | | | 18.434 | |
| | (DEL) Alkane: Straight-Chain19.069 | 8400 | J | | | 19.069 | |
| | (DEL) Alkane: Straight-Chain20.179 | 3700 | J | | | 20.179 | |
| | (DEL) Alkane: Straight-Chain20.673 | 3200 | J | | | 20.673 | |
| | unknown-03 | 9200 | J | | | 21.16 | |
| | (DEL) Alkane: Straight-Chain22.265 | 3000 | J | | | 22.265 | |
| E966796 | Total Alkanes | 130000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4200 | U | 4200 | 5900 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1500 | 6000 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 700 | U | 700 | 1500 | 6000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 900 | U | 900 | 1500 | 6000 | ug/Kg |
| 91-20-3 | Naphthalene | 3100 | J | 670 | 1500 | 6000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3600 | J | 740 | 1500 | 6000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 6400 | | 910 | 1500 | 6000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 6000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 980 | U | 980 | 1500 | 6000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U | 4300 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3300 | U | 3300 | 1500 | 6000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1500 | 6000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 810000 | E | 3900 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 820 | U | 820 | 1500 | 6000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 120-12-7 | Anthracene | 680 | U | 680 | 1500 | 6000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 206-44-0 | Fluoranthene | 720 | U | 720 | 3000 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 740 | U | 740 | 1500 | 6000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 620 | U | 620 | 1500 | 6000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 920 | U | 920 | 1500 | 6000 | ug/Kg |
| 218-01-9 | Chrysene | 780 | U | 780 | 1500 | 6000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 680 | U | 680 | 1500 | 6000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 920 | U | 920 | 1500 | 6000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 47000 | | 2200 | 1500 | 6000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.737 | | 15-120 | | 59 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 18.144 | | 20-120 | | 45 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 28.444 | | 10-130 | | 71 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 30.846 | | 10-150 | | 77 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 30.545 | | 15-120 | | 76 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 30.329 | | 10-140 | | 76 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 34.208 | | 10-135 | | 86 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 35.948 | | 10-120 | | 90 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 33.451 | | 10-140 | | 84 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 30.949 | | 1-145 | | 77 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 34.787 | | 10-145 | | 87 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 34.172 | | 15-120 | | 85 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 29.684 | | 10-150 | | 74 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 29.139 | | 20-140 | | 73 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 25.654 | | 10-130 | | 64 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 34.444 | | 10-150 | | 86 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 32.684 | | 10-130 | | 82 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 34.741 | | 10-140 | | 87 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 23156 | 7.858 | | | | |
| 1146-65-2 | Naphthalene-d8 | 86847 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 68434 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 162878 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 183613 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 222024 | 24.521 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000107-92-6 | Butanoic acid | 8300 | J | | | 3.992 | |
| | (DEL) Alkane: Straight-Chain5.884 | 11000 | J | | | 5.884 | |
| 000107-41-5 | Hexylene glycol | 14000 | J | | | 6.172 | |
| | (DEL) Alkane: Straight-Chain6.360 | 5000 | J | | | 6.36 | |
| | (DEL) Alkane: Straight-Chain6.425 | 4300 | J | | | 6.425 | |
| | (DEL) Alkane: Straight-Chain6.853 | 6800 | J | | | 6.853 | |
| | (DEL) Alkane: Straight-Chain6.912 | 8000 | J | | | 6.912 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 6300 | J | | | 6.953 | |
| 000108-67-8 | Mesitylene | 5400 | J | | | 7.247 | |
| | unknown-01 | 9700 | J | | | 7.282 | |
| | (DEL) Alkane: Straight-Chain7.488 | 53000 | J | | | 7.488 | |
| | (DEL) Alkane: Straight-Chain7.776 | 5800 | J | | | 7.776 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 32000 | J | | | 7.917 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 6000 | J | | | 7.976 | |
| 1000249-77-4 | 1,1-Hexylenedioxybutane | 20000 | J | | | 8.076 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 9200 | J | | | 8.281 | |
| | unknown-02 | 9800 | J | | | 8.393 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.446 | 4400 | J | | | 8.446 | |
| 000105-05-5 | Benzene, 1,4-diethyl- | 8400 | J | | | 8.499 | |
| | (DEL) Alkane: Straight-Chain8.622 | 8100 | J | | | 8.622 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 6400 | J | | | 8.857 | |
| | (DEL) Alkane: Straight-Chain9.086 | 44000 | J | | | 9.086 | |
| | unknown-03 | 5400 | J | | | 9.163 | |
| 003386-33-2 | Octadecane, 1-chloro- | 3800 | J | | | 9.932 | |
| | unknown-04 | 10000 | J | | | 11.025 | |
| 1000365-51-8 | 4-Methyl-3-heptanol, trifluoroacet | 6300 | J | | | 11.148 | |
| 116423-69-9 | Hexanoic acid, 1,1-dimethylpropyl | 5400 | J | | | 11.671 | |
| | unknown-05 | 7400 | J | | | 11.906 | |
| | (DEL) Alkane: Straight-Chain12.071 | 7200 | J | | | 12.071 | |
| | (DEL) Alkane: Straight-Chain12.106 | 5400 | J | | | 12.106 | |
| | (DEL) Alkane: Straight-Chain12.894 | 6200 | J | | | 12.894 | |
| | (DEL) Alkane: Straight-Chain13.029 | 4800 | J | | | 13.029 | |
| | unknown-06 | 5600 | J | | | 13.234 | |
| | (DEL) Alkane: Straight-Chain13.317 | 16000 | J | | | 13.317 | |
| 000097-87-0 | Propanoic acid, 2-methyl-, butyl e | 10000 | J | | | 13.751 | |
| | (DEL) Alkane: Straight-Chain13.975 | 9300 | J | | | 13.975 | |
| | (DEL) Alkane: Straight-Chain14.392 | 19000 | J | | | 14.392 | |
| | unknown-07 | 9000 | J | | | 14.562 | |
| | unknown-08 | 7000 | J | | | 14.627 | |
| | unknown-09 | 5500 | J | | | 14.874 | |
| 1000373-74-8 | 2,2,2-Trichloroethyl (E)-2-methylb | 4600 | J | | | 15.02 | |
| 022106-37-2 | 4-(1-Pyrroyl)acetophenone | 7200 | J | | | 15.249 | |
| | (DEL) Alkane: Straight-Chain15.344 | 13000 | J | | | 15.344 | |
| | (DEL) Alkane: Straight-Chain15.749 | 8100 | J | | | 15.749 | |
| 000119-61-9 | Benzophenone | 12000 | J | | | 15.843 | |
| | (DEL) Alkane: Straight-Chain16.207 | 15000 | J | | | 16.207 | |
| | (DEL) Alkane: Straight-Chain17.000 | 13000 | J | | | 17 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062965.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.053 | 9100 | J | | | 17.053 | |
| | unknown-10 | 5100 | J | | | 17.529 | |
| | (DEL) Alkane: Straight-Chain17.741 | 9900 | J | | | 17.741 | |
| 000110-42-9 | Decanoic acid, methyl ester | 7300 | J | | | 17.911 | |
| | (DEL) Alkane: Straight-Chain18.434 | 7500 | J | | | 18.434 | |
| | (DEL) Alkane: Straight-Chain19.069 | 3700 | J | | | 19.069 | |
| 1000406-38-8 | Eicosyl octyl ether | 12000 | J | | | 21.16 | |
| 1000406-38-3 | Decyl octyl ether | 4300 | J | | | 22.259 | |
| E966796 | Total Alkanes | 300000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 110-86-1 | Pyridine | 4000 | U | 4000 | 5700 | 11000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2800 | 11000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1900 | U | 1900 | 1500 | 5700 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5700 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 680 | U | 680 | 1500 | 5700 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 860 | U | 860 | 1500 | 5700 | ug/Kg |
| 91-20-3 | Naphthalene | 41000 | | 640 | 1500 | 5700 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1500 | 11000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 48000 | | 710 | 1500 | 5700 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 72000 | | 870 | 1500 | 5700 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2800 | 11000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 6400 | | 1000 | 1500 | 5700 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 970 | U | 970 | 1500 | 5700 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1800 | U | 1800 | 1500 | 5700 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 940 | U | 940 | 1500 | 5700 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 83-32-9 | Acenaphthene | 890 | U | 890 | 1500 | 5700 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4100 | U | 4100 | 2800 | 11000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1800 | U | 1800 | 2800 | 11000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 890 | U | 890 | 1500 | 5700 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1900 | U | 1900 | 1500 | 5700 | ug/Kg |
| 86-73-7 | Fluorene | 5100 | J | 1900 | 1500 | 5700 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2800 | 11000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1500 | 5700 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5700 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 5800000 | E | 3800 | 2800 | 11000 | ug/Kg |
| 85-01-8 | Phenanthrene | 20000 | | 790 | 1500 | 5700 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 120-12-7 | Anthracene | 650 | U | 650 | 1500 | 5700 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2800 | 11000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 970 | U | 970 | 1500 | 5700 | ug/Kg |
| 206-44-0 | Fluoranthene | 690 | U | 690 | 2800 | 5700 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 710 | U | 710 | 1500 | 5700 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 600 | U | 600 | 1500 | 5700 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 218-01-9 | Chrysene | 740 | U | 740 | 1500 | 5700 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6300 | | 650 | 1500 | 5700 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 960 | U | 960 | 1500 | 5700 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 380000 | E | 2100 | 1500 | 5700 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 22.807 | * | 15-120 | | 285 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 85.01 | * | 20-120 | | 213 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 138.689 | * | 10-130 | | 347 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 140.483 | * | 10-150 | | 351 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 138.851 | * | 15-120 | | 347 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 141.696 | * | 10-140 | | 354 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 181.16 | * | 10-135 | | 453 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 192.625 | * | 10-120 | | 482 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 180.95 | * | 10-140 | | 452 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 167.091 | * | 1-145 | | 418 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 148.969 | * | 10-145 | | 372 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 152.2 | * | 15-120 | | 380 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 136.726 | * | 10-150 | | 342 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 154.304 | * | 20-140 | | 386 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 179.404 | * | 10-130 | | 449 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 179.899 | * | 10-150 | | 450 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 149.195 | * | 10-130 | | 373 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 160.882 | * | 10-140 | | 402 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 8873 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 27930 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 25417 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 49991 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 62343 | 21.483 | | | | |
| 1520-96-3 | Perylene-d12 | 73437 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.884 | 31000 | J | | | 5.884 | |
| | (DEL) Alkane: Cyclic6.142 | 9200 | J | | | 6.142 | |
| | (DEL) Alkane: Straight-Chain6.354 | 9000 | J | | | 6.354 | |
| | (DEL) Alkane: Straight-Chain6.424 | 10000 | J | | | 6.424 | |
| 027829-54-5 | 11-Dodecen-1-ol, 2,4,6-trimethyl-, | 14000 | J | | | 6.501 | |
| | (DEL) Alkane: Straight-Chain6.859 | 18000 | J | | | 6.859 | |
| 073105-67-6 | 1-Iodo-2-methylundecane | 17000 | J | | | 6.912 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 19000 | J | | | 6.953 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 12000 | J | | | 7.088 | |
| 000108-67-8 | Mesitylene | 14000 | J | | | 7.247 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 22000 | J | | | 7.288 | |
| | (DEL) Alkane: Straight-Chain7.488 | 120000 | J | | | 7.488 | |
| | (DEL) Alkane: Straight-Chain7.782 | 11000 | J | | | 7.782 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 29000 | J | | | 7.923 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 14000 | J | | | 7.976 | |
| | (DEL) Alkane: Cyclic8.146 | 12000 | J | | | 8.146 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 46000 | J | | | 8.281 | |

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# Report of Analysis

| | | | | | |
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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.393 | 21000 | J | | | 8.393 | |
| | (DEL) Alkane: Straight-Chain8.451 | 10000 | J | | | 8.451 | |
| 000934-74-7 | Benzene, 1-ethyl-3,5-dimethyl- | 16000 | J | | | 8.498 | |
| | (DEL) Alkane: Straight-Chain8.622 | 19000 | J | | | 8.622 | |
| 000093-53-8 | Benzeneacetaldehyde, .alpha.-methy | 14000 | J | | | 8.657 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 12000 | J | | | 8.81 | |
| 000874-41-9 | Benzene, 1-ethyl-2,4-dimethyl- | 23000 | J | | | 8.851 | |
| | (DEL) Alkane: Straight-Chain9.086 | 95000 | J | | | 9.086 | |
| | unknown-01 | 26000 | J | | | 9.209 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 3600 | J | | | 11.025 | |
| | (DEL) Alkane: Straight-Chain12.071 | 7000 | J | | | 12.071 | |
| | (DEL) Alkane: Straight-Chain13.028 | 27000 | J | | | 13.028 | |
| 001073-13-8 | 2-Cyclohexen-1-one, 4,4-dimethyl- | 24000 | J | | | 13.058 | |
| | unknown-02 | 25000 | J | | | 13.534 | |
| 000581-42-0 | Naphthalene, 2,6-dimethyl- | 40000 | J | | | 13.663 | |
| 000575-37-1 | Naphthalene, 1,7-dimethyl- | 34000 | J | | | 13.81 | |
| | (DEL) Alkane: Straight-Chain13.980 | 34000 | J | | | 13.98 | |
| | (DEL) Alkane: Straight-Chain14.397 | 86000 | J | | | 14.397 | |
| | unknown-03 | 23000 | J | | | 14.568 | |
| 1000080-19-4 | 1,2,3,4,5,6,7,8-Octahydro-1-methyl | 18000 | J | | | 14.632 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 21000 | J | | | 14.891 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 21000 | J | | | 14.961 | |
| 1000309-12-6 | Sulfurous acid, pentadecyl 2-propy | 27000 | J | | | 15.014 | |
| 000941-81-1 | 4,6,8-Trimethylazulene | 18000 | J | | | 15.255 | |
| | (DEL) Alkane: Straight-Chain15.349 | 85000 | J | | | 15.349 | |
| | (DEL) Alkane: Straight-Chain15.755 | 33000 | J | | | 15.755 | |
| 000119-61-9 | Benzophenone | 25000 | J | | | 15.849 | |
| | unknown-04 | 4700 | J | | | 15.966 | |
| | (DEL) Alkane: Straight-Chain16.213 | 28000 | J | | | 16.213 | |
| | (DEL) Alkane: Straight-Chain17.006 | 21000 | J | | | 17.006 | |

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# Report of Analysis

| | | | | | |
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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062966.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.059 | 14000 | J | | | 17.059 | |
| | (DEL) Alkane: Straight-Chain17.535 | 5900 | J | | | 17.535 | |
| | (DEL) Alkane: Straight-Chain17.741 | 19000 | J | | | 17.741 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 5900 | J | | | 17.911 | |
| | (DEL) Alkane: Straight-Chain18.434 | 14000 | J | | | 18.434 | |
| | (DEL) Alkane: Straight-Chain19.068 | 14000 | J | | | 19.068 | |
| | (DEL) Alkane: Straight-Chain20.179 | 37000 | J | | | 20.179 | |
| 066563-30-2 | Bacchotricuneatin c | 120000 | J | | | 21.166 | |
| | (DEL) Alkane: Straight-Chain21.683 | 25000 | J | | | 21.683 | |
| | unknown-05 | 63000 | J | | | 22.141 | |
| | (DEL) Alkane: Straight-Chain22.265 | 56000 | J | | | 22.265 | |
| E966796 | Total Alkanes | 870000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 2900 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4200 | U | 4200 | 5900 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 2900 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 5900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 5900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5900 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 700 | U | 700 | 1500 | 5900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1500 | 5900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 890 | U | 890 | 1500 | 5900 | ug/Kg |
| 91-20-3 | Naphthalene | 1900 | J | 670 | 1500 | 5900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 2500 | J | 740 | 1500 | 5900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 5300 | J | 900 | 1500 | 5900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 2900 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |

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# Report of Analysis

| | | | | | |
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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 5900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 970 | U | 970 | 1500 | 5900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 5900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 930 | U | 930 | 1500 | 5900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U | 4300 | 2900 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 2900 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 930 | U | 930 | 1500 | 5900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 2900 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3300 | U | 3300 | 1500 | 5900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1500 | 5900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 5900 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 2900 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 640000 | E | 3900 | 2900 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1400 | J | 820 | 1500 | 5900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 5900 | ug/Kg |
| 120-12-7 | Anthracene | 680 | U | 680 | 1500 | 5900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 5900 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2900 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 206-44-0 | Fluoranthene | 710 | U | 710 | 2900 | 5900 | ug/Kg |

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# Report of Analysis

| | | | | | |
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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 740 | U | 740 | 1500 | 5900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 620 | U | 620 | 1500 | 5900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 910 | U | 910 | 1500 | 5900 | ug/Kg |
| 218-01-9 | Chrysene | 770 | U | 770 | 1500 | 5900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 680 | U | 680 | 1500 | 5900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1500 | 5900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 5900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 910 | U | 910 | 1500 | 5900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 32000 | | 2100 | 1500 | 5900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.236 | | 15-120 | | 40 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 13.434 | | 20-120 | | 34 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.009 | | 10-130 | | 58 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 26.582 | | 10-150 | | 66 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.058 | | 15-120 | | 63 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 23.88 | | 10-140 | | 60 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 26.984 | | 10-135 | | 67 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 26.895 | | 10-120 | | 67 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.993 | | 10-140 | | 62 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.375 | | 1-145 | | 58 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.068 | | 10-145 | | 63 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 24.804 | | 15-120 | | 62 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 23.712 | | 10-150 | | 59 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 25.704 | | 20-140 | | 64 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 24.722 | | 10-130 | | 62 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 26.542 | | 10-150 | | 66 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 25.197 | | 10-130 | | 63 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.796 | | 10-140 | | 67 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 30119 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 114144 | 10.64 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 92191 | 14.483 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 212713 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 236848 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 288330 | 24.524 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 14000 | J | | | 5.887 | |
| | (DEL) Alkane: Cyclic6.146 | 3600 | J | | | 6.146 | |
| 041898-89-9 | 2,3-Heptadien-5-yne, 2,4-dimethyl- | 5400 | J | | | 6.351 | |
| 002051-30-1 | Octane, 2,6-dimethyl- | 5200 | J | | | 6.422 | |
| | unknown-01 | 5600 | J | | | 6.504 | |
| | (DEL) Alkane: Straight-Chain6.763 | 4100 | J | | | 6.763 | |
| | unknown-02 | 17000 | J | | | 6.857 | |
| | (DEL) Alkane: Straight-Chain6.915 | 12000 | J | | | 6.915 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 22000 | J | | | 6.951 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 10000 | J | | | 7.086 | |
| 000108-67-8 | Mesitylene | 11000 | J | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 6000 | J | | | 7.285 | |
| | (DEL) Alkane: Straight-Chain7.485 | 84000 | J | | | 7.485 | |
| | (DEL) Alkane: Straight-Chain7.691 | 5100 | J | | | 7.691 | |
| 1010372-74-6 | Isobutyl octyl carbonate | 9900 | J | | | 7.914 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 10000 | J | | | 7.973 | |
| | (DEL) Alkane: Straight-Chain8.049 | 4400 | J | | | 8.049 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000496-11-7 | Indane | 5200 | J | | | 8.231 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 31000 | J | | | 8.278 | |
| | unknown-03 | 5900 | J | | | 8.331 | |
| | (DEL) Alkane: Straight-Chain8.390 | 15000 | J | | | 8.39 | |
| | (DEL) Alkane: Straight-Chain8.449 | 6300 | J | | | 8.449 | |
| 000934-74-7 | Benzene, 1-ethyl-3,5-dimethyl- | 12000 | J | | | 8.496 | |
| | (DEL) Alkane: Straight-Chain8.625 | 14000 | J | | | 8.625 | |
| 001074-43-7 | Benzene, 1-methyl-3-propyl- | 9000 | J | | | 8.66 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 8200 | J | | | 8.807 | |
| | unknown-04 | 17000 | J | | | 8.848 | |
| | (DEL) Alkane: Straight-Chain9.083 | 53000 | J | | | 9.083 | |
| | unknown-05 | 13000 | J | | | 9.201 | |
| 058705-36-5 | 8-Oxabicyclo[3.2.1]oct-6-en-2-one, | 8500 | J | | | 13.055 | |
| | (DEL) Alkane: Straight-Chain13.320 | 6600 | J | | | 13.32 | |
| | unknown-06 | 5900 | J | | | 13.531 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 8000 | J | | | 13.666 | |
| 000571-61-9 | Naphthalene, 1,5-dimethyl- | 6800 | J | | | 13.807 | |
| | (DEL) Alkane: Straight-Chain14.389 | 7000 | J | | | 14.389 | |
| | (DEL) Alkane: Cyclic14.571 | 4100 | J | | | 14.571 | |
| | (DEL) Alkane: Straight-Chain15.347 | 6400 | J | | | 15.347 | |
| 000119-61-9 | Benzophenone | 7800 | J | | | 15.846 | |
| | (DEL) Alkane: Straight-Chain16.204 | 9400 | J | | | 16.204 | |
| | (DEL) Alkane: Straight-Chain16.998 | 8300 | J | | | 16.998 | |
| | (DEL) Alkane: Straight-Chain17.738 | 7000 | J | | | 17.738 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 17000 | J | | | 17.908 | |
| | (DEL) Alkane: Straight-Chain18.431 | 7200 | J | | | 18.431 | |
| 000112-62-9 | 9-Octadecenoic acid (Z)-, methyl e | 20000 | J | | | 19.083 | |
| 000112-61-8 | Methyl stearate | 6800 | J | | | 19.218 | |
| | (DEL) Alkane: Straight-Chain20.176 | 2700 | J | | | 20.176 | |
| | unknown-07 | 12000 | J | | | 21.163 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062967.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 1000282-41-4 | Methoxyacetic acid, 2-ethylhexyl e | 4300 | J | | | 22.139 | |
| | unknown-08 | 14000 | J | | | 22.256 | |
| | unknown-09 | 4000 | J | | | 26.927 | |
| E966796 | Total Alkanes | 270000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 2900 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4100 | U | 4100 | 5800 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2900 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 5900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 2900 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 5900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5900 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 700 | U | 700 | 1500 | 5900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 880 | U | 880 | 1500 | 5900 | ug/Kg |
| 91-20-3 | Naphthalene | 1600 | J | 660 | 1500 | 5900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 2700 | J | 730 | 1500 | 5900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 5000 | J | 900 | 1500 | 5900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 2900 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 5900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 970 | U | 970 | 1500 | 5900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 5900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 920 | U | 920 | 1500 | 5900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4200 | U | 4200 | 2900 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 2900 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 920 | U | 920 | 1500 | 5900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 5900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2900 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2900 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3300 | U | 3300 | 1500 | 5900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 5900 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 2900 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 530000 | E | 3900 | 2900 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1300 | J | 810 | 1500 | 5900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 5900 | ug/Kg |
| 120-12-7 | Anthracene | 670 | U | 670 | 1500 | 5900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 5900 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2900 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 5900 | ug/Kg |
| 206-44-0 | Fluoranthene | 710 | U | 710 | 2900 | 5900 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 730 | U | 730 | 1500 | 5900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 610 | U | 610 | 1500 | 5900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 2900 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 910 | U | 910 | 1500 | 5900 | ug/Kg |
| 218-01-9 | Chrysene | 770 | U | 770 | 1500 | 5900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 670 | U | 670 | 1500 | 5900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2900 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 990 | U | 990 | 1500 | 5900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 5900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 910 | U | 910 | 1500 | 5900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 5900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30000 | | 2100 | 1500 | 5900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.841 | | 15-120 | | 48 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.87 | | 20-120 | | 42 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 23.839 | | 10-130 | | 60 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 24.317 | | 10-150 | | 61 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.952 | | 15-120 | | 65 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 25.875 | | 10-140 | | 65 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 27.824 | | 10-135 | | 70 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 28.803 | | 10-120 | | 72 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.874 | | 10-140 | | 65 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 25.918 | | 1-145 | | 65 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 25.974 | | 10-145 | | 65 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 25.259 | | 15-120 | | 63 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 19.919 | | 10-150 | | 50 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 26.168 | | 20-140 | | 65 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 24.846 | | 10-130 | | 62 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 26.43 | | 10-150 | | 66 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 24.644 | | 10-130 | | 62 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 26.186 | | 10-140 | | 65 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 29223 | 7.856 | | | | |
| 1146-65-2 | Naphthalene-d8 | 113034 | 10.647 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 94447 | 14.49 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 220946 | 17.239 | | | | |
| 1719-03-5 | Chrysene-d12 | 236108 | 21.487 | | | | |
| 1520-96-3 | Perylene-d12 | 287804 | 24.525 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.882 | 7300 | J | | | 5.882 | |
| | (DEL) Alkane: Straight-Chain6.851 | 12000 | J | | | 6.851 | |
| | (DEL) Alkane: Straight-Chain6.910 | 7700 | J | | | 6.91 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 14000 | J | | | 6.951 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 8500 | J | | | 7.081 | |
| 000108-67-8 | Mesitylene | 9300 | J | | | 7.251 | |
| 054699-41-1 | 2-Nonanone, 9-[(tetrahydro-2H-pyra | 6000 | J | | | 7.28 | |
| | (DEL) Alkane: Straight-Chain7.486 | 64000 | J | | | 7.486 | |
| | (DEL) Alkane: Straight-Chain7.780 | 5600 | J | | | 7.78 | |
| 063621-15-8 | 2,4-Nonadiyne | 10000 | J | | | 7.974 | |
| | (DEL) Alkane: Straight-Chain8.050 | 4400 | J | | | 8.05 | |
| 1000351-75-1 | Tricosyl trifluoroacetate | 4400 | J | | | 8.121 | |
| 000611-15-4 | Benzene, 1-ethenyl-2-methyl- | 5000 | J | | | 8.226 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 21000 | J | | | 8.279 | |
| | unknown-01 | 5500 | J | | | 8.326 | |
| | (DEL) Alkane: Straight-Chain8.391 | 13000 | J | | | 8.391 | |
| | (DEL) Alkane: Straight-Chain8.450 | 6100 | J | | | 8.45 | |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000105-05-5 | Benzene, 1,4-diethyl- | 11000 | J | | | 8.497 | |
| | (DEL) Alkane: Straight-Chain8.620 | 11000 | J | | | 8.62 | |
| 1000145-29-4 | 3,3-Dimethyl-4-(N-(2-methylbenzyl) | 7600 | J | | | 8.655 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 6600 | J | | | 8.808 | |
| 000099-87-6 | p-Cymene | 14000 | J | | | 8.849 | |
| 1000382-90-9 | Carbonic acid, prop-1-en-2-yl tetr | 46000 | J | | | 9.084 | |
| | unknown-02 | 8500 | J | | | 9.207 | |
| | unknown-03 | 5100 | J | | | 11.023 | |
| | unknown-04 | 3100 | J | | | 12.063 | |
| 057308-84-6 | (1S,7S)-2,2-Dimethyl-7-nitrohexa | 7100 | J | | | 13.056 | |
| | (DEL) Alkane: Straight-Chain13.314 | 7200 | J | | | 13.314 | |
| | unknown-05 | 4800 | J | | | 13.532 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 10000 | J | | | 13.661 | |
| 000581-42-0 | Naphthalene, 2,6-dimethyl- | 7000 | J | | | 13.808 | |
| | (DEL) Alkane: Straight-Chain13.978 | 3000 | J | | | 13.978 | |
| 000573-98-8 | Naphthalene, 1,2-dimethyl- | 3600 | J | | | 14.037 | |
| | (DEL) Alkane: Straight-Chain14.390 | 6500 | J | | | 14.39 | |
| | (DEL) Alkane: Cyclic14.572 | 4100 | J | | | 14.572 | |
| | (DEL) Alkane: Straight-Chain15.342 | 7100 | J | | | 15.342 | |
| | unknown-06 | 3200 | J | | | 15.747 | |
| 000119-61-9 | Benzophenone | 7200 | J | | | 15.847 | |
| | (DEL) Alkane: Straight-Chain16.205 | 9200 | J | | | 16.205 | |
| | (DEL) Alkane: Straight-Chain16.998 | 7800 | J | | | 16.998 | |
| | (DEL) Alkane: Straight-Chain17.057 | 4900 | J | | | 17.057 | |
| | (DEL) Alkane: Straight-Chain17.739 | 6400 | J | | | 17.739 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 14000 | J | | | 17.909 | |
| | (DEL) Alkane: Straight-Chain18.432 | 5000 | J | | | 18.432 | |
| 056554-47-3 | 13-Octadecenoic acid, methyl ester | 16000 | J | | | 19.084 | |
| 005129-61-3 | Heptadecanoic acid, 16-methyl-, me | 5800 | J | | | 19.219 | |
| | (DEL) Alkane: Straight-Chain20.177 | 2800 | J | | | 20.177 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062968.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain21.164 | 9200 | J | | | 21.164 | |
| 062016-79-9 | Heptacosane, 1-chloro- | 2600 | J | | | 21.687 | |
| 000112-80-1 | Oleic Acid | 3200 | J | | | 22.139 | |
| 006649-77-0 | 1H-Pyrido[3,4-b]indole, 2,3,4,9-te | 8700 | J | | | 22.257 | |
| E966796 | Total Alkanes | 200000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 240 | 2500 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4300 | U | 4300 | 6100 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1600 | 6100 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 720 | U | 720 | 1600 | 6100 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 920 | U | 920 | 1600 | 6100 | ug/Kg |
| 91-20-3 | Naphthalene | 5200 | J | 690 | 1600 | 6100 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1600 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 105-60-2 | Caprolactam | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1600 | 6100 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 5900 | J | 760 | 1600 | 6100 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 10000 | | 930 | 1600 | 6100 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3200 | U | 3200 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 2000 | U | 2000 | 1600 | 6100 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1600 | 6100 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 960 | U | 960 | 1600 | 6100 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4400 | U | 4400 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 2000 | U | 2000 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 960 | U | 960 | 1600 | 6100 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 86-73-7 | Fluorene | 2100 | U | 2100 | 1600 | 6100 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1500 | U | 1500 | 1600 | 6100 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1500 | U | 1500 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3400 | U | 3400 | 1600 | 6100 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1600 | 6100 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 1912-24-9 | Atrazine | 2600 | U | 2600 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 970000 | E | 4000 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 850 | U | 850 | 1600 | 6100 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2600 | U | 2600 | 1600 | 6100 | ug/Kg |
| 120-12-7 | Anthracene | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2700 | U | 2700 | 1600 | 6100 | ug/Kg |
| 86-74-8 | Carbazole | 1200 | U | 1200 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 206-44-0 | Fluoranthene | 740 | U | 740 | 3000 | 6100 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 760 | U | 760 | 1600 | 6100 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 640 | U | 640 | 1600 | 6100 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 218-01-9 | Chrysene | 800 | U | 800 | 1600 | 6100 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 700 | U | 700 | 1600 | 6100 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1600 | 6100 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1600 | 6100 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 940 | U | 940 | 1600 | 6100 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1600 | 6100 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 71000 | | 2200 | 1600 | 6100 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.407 | | 15-120 | | 30 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 11.076 | | 20-120 | | 28 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 16.158 | | 10-130 | | 40 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 14.805 | | 10-150 | | 37 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 16.874 | | 15-120 | | 42 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 16.147 | | 10-140 | | 40 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 19.952 | | 10-135 | | 50 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.755 | | 10-120 | | 52 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.252 | | 10-140 | | 48 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 17.604 | | 1-145 | | 44 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 17.912 | | 10-145 | | 45 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 18.029 | | 15-120 | | 45 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 16.477 | | 10-150 | | 41 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.717 | | 20-140 | | 47 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 17.869 | | 10-130 | | 45 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.277 | | 10-150 | | 46 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 17.649 | | 10-130 | | 44 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 17.962 | | 10-140 | | 45 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41887 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 150930 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 119607 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 283958 | 17.242 | | | | |
| 1719-03-5 | Chrysene-d12 | 296415 | 21.485 | | | | |
| 1520-96-3 | Perylene-d12 | 357982 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.885 | 24000 | J | | | 5.885 | |
| | unknown-01 | 7700 | J | | | 6.355 | |
| | (DEL) Alkane: Straight-Chain6.426 | 7000 | J | | | 6.426 | |
| | (DEL) Alkane: Cyclic6.508 | 8400 | J | | | 6.508 | |
| | (DEL) Alkane: Straight-Chain6.855 | 18000 | J | | | 6.855 | |
| | (DEL) Alkane: Straight-Chain6.913 | 12000 | J | | | 6.913 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 13000 | J | | | 6.949 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 8300 | J | | | 7.084 | |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 9000 | J | | | 7.248 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 11000 | J | | | 7.284 | |
| | (DEL) Alkane: Straight-Chain7.489 | 80000 | J | | | 7.489 | |
| | unknown-02 | 7600 | J | | | 7.777 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 29000 | J | | | 7.924 | |
| 000108-67-8 | Mesitylene | 11000 | J | | | 7.971 | |
| 1000431-42-6 | Hexanal ethyl trans-2-hexenyl acet | 21000 | J | | | 8.077 | |
| | (DEL) Alkane: Cyclic8.147 | 6600 | J | | | 8.147 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 15000 | J | | | 8.276 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | unknown-03 | 13000 | J | | | 8.394 | |
| 018368-95-1 | 1,3,8-p-Menthatriene | 13000 | J | | | 8.5 | |
| | (DEL) Alkane: Straight-Chain8.623 | 12000 | J | | | 8.623 | |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 10000 | J | | | 8.658 | |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl- | 7200 | J | | | 8.811 | |
| 000527-84-4 | o-Cymene | 11000 | J | | | 8.858 | |
| | (DEL) Alkane: Straight-Chain9.087 | 69000 | J | | | 9.087 | |
| | unknown-04 | 8800 | J | | | 9.181 | |
| | unknown-05 | 11000 | J | | | 9.205 | |
| | (DEL) Alkane: Straight-Chain9.933 | 3900 | J | | | 9.933 | |
| | (DEL) Alkane: Straight-Chain10.074 | 2600 | J | | | 10.074 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 7700 | J | | | 11.026 | |
| | (DEL) Alkane: Straight-Chain11.150 | 4800 | J | | | 11.15 | |
| | (DEL) Alkane: Straight-Chain12.072 | 7400 | J | | | 12.072 | |
| | (DEL) Alkane: Straight-Chain12.107 | 3300 | J | | | 12.107 | |
| | (DEL) Alkane: Straight-Chain12.895 | 6000 | J | | | 12.895 | |
| | (DEL) Alkane: Straight-Chain13.318 | 24000 | J | | | 13.318 | |
| 000461-88-1 | Pyridine-2,4-diamine | 8500 | J | | | 13.535 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 12000 | J | | | 13.67 | |
| 002639-63-6 | Butanoic acid, hexyl ester | 7900 | J | | | 13.752 | |
| 000575-41-7 | Naphthalene, 1,3-dimethyl- | 6600 | J | | | 13.811 | |
| | (DEL) Alkane: Straight-Chain13.976 | 11000 | J | | | 13.976 | |
| | unknown-06 | 8600 | J | | | 14.123 | |
| 1010309-19-2 | Sulfurous acid, 2-ethylhexyl nonyl | 38000 | J | | | 14.393 | |
| | unknown-07 | 9300 | J | | | 14.563 | |
| 1000271-83-0 | Cyclopropane, 1-methoxy-2,2-dimeth | 20000 | J | | | 14.628 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 9100 | J | | | 14.886 | |
| | (DEL) Alkane: Cyclic15.022 | 6300 | J | | | 15.022 | |
| 000941-81-1 | 4,6,8-Trimethylazulene | 22000 | J | | | 15.251 | |
| 019218-94-1 | Tetradecane, 1-iodo- | 24000 | J | | | 15.345 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062969.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain15.750 | 11000 | J | | | 15.75 | |
| 000119-61-9 | Benzophenone | 9300 | J | | | 15.844 | |
| | (DEL) Alkane: Straight-Chain16.208 | 16000 | J | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.002 | 14000 | J | | | 17.002 | |
| | (DEL) Alkane: Straight-Chain17.054 | 10000 | J | | | 17.054 | |
| | (DEL) Alkane: Straight-Chain17.736 | 11000 | J | | | 17.736 | |
| | (DEL) Alkane: Straight-Chain18.435 | 7900 | J | | | 18.435 | |
| | (DEL) Alkane: Straight-Chain19.064 | 5800 | J | | | 19.064 | |
| | (DEL) Alkane: Straight-Chain21.161 | 10000 | J | | | 21.161 | |
| | (DEL) Alkane: Straight-Chain22.260 | 5800 | J | | | 22.26 | |
| E966796 | Total Alkanes | 400000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062970.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 8700 | | 930 | 200 | 2000 | ug/Kg |
| 110-86-1 | Pyridine | 18000 | | 3500 | 4900 | 9900 | ug/Kg |
| 100-52-7 | Benzaldehyde | 17000 | | 2100 | 2500 | 9900 | ug/Kg |
| 108-95-2 | Phenol | 24000 | | 1500 | 2500 | 9900 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 23000 | | 1900 | 2500 | 9900 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 27000 | | 1500 | 1300 | 5000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 26000 | | 1200 | 2500 | 9900 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 21000 | | 2000 | 2500 | 9900 | ug/Kg |
| 98-86-2 | Acetophenone | 26000 | | 1500 | 2500 | 9900 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 24000 | | 1500 | 2500 | 9900 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 23000 | | 2100 | 1300 | 5000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 24000 | | 1700 | 1300 | 5000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 29000 | | 1800 | 1300 | 5000 | ug/Kg |
| 78-59-1 | Isophorone | 27000 | | 1100 | 1300 | 5000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 29000 | | 860 | 1300 | 5000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 23000 | | 580 | 1300 | 5000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 25000 | | 960 | 1300 | 5000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 28000 | | 740 | 1300 | 5000 | ug/Kg |
| 91-20-3 | Naphthalene | 26000 | | 550 | 1300 | 5000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 22000 | | 890 | 1300 | 9900 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 31000 | | 1200 | 1300 | 5000 | ug/Kg |
| 105-60-2 | Caprolactam | 23000 | | 2000 | 2500 | 9900 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 28000 | | 1100 | 1300 | 5000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 27000 | | 610 | 1300 | 5000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 26000 | | 750 | 1300 | 5000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 24000 | | 2600 | 2500 | 9900 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 23000 | | 1200 | 1300 | 5000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 24000 | | 950 | 1300 | 5000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062970.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 25000 | | 900 | 1300 | 5000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 24000 | | 840 | 1300 | 5000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 29000 | | 1600 | 1300 | 5000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 26000 | | 810 | 1300 | 5000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 28000 | | 1500 | 1300 | 5000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 25000 | | 860 | 1300 | 5000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 28000 | | 1300 | 2500 | 9900 | ug/Kg |
| 83-32-9 | Acenaphthene | 24000 | | 770 | 1300 | 5000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 30000 | | 3600 | 2500 | 9900 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 32000 | | 1600 | 2500 | 9900 | ug/Kg |
| 132-64-9 | Dibenzofuran | 25000 | | 770 | 1300 | 5000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 27000 | | 950 | 1300 | 5000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 23000 | | 1700 | 1300 | 5000 | ug/Kg |
| 86-73-7 | Fluorene | 26000 | | 1700 | 1300 | 5000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 28000 | | 1200 | 1300 | 5000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 30000 | | 1200 | 2500 | 9900 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 31000 | | 2500 | 2500 | 9900 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 26000 | | 2800 | 1300 | 5000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 27000 | | 870 | 1300 | 5000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 30000 | | 1900 | 1300 | 5000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 31000 | | 2200 | 1300 | 5000 | ug/Kg |
| 1912-24-9 | Atrazine | 2100 | U | 2100 | 2500 | 9900 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 21000 | | 3300 | 2500 | 9900 | ug/Kg |
| 85-01-8 | Phenanthrene | 26000 | | 680 | 1300 | 5000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 25000 | | 2100 | 1300 | 5000 | ug/Kg |
| 120-12-7 | Anthracene | 25000 | | 560 | 1300 | 5000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 29000 | | 2200 | 1300 | 5000 | ug/Kg |
| 86-74-8 | Carbazole | 26000 | | 940 | 2500 | 9900 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 24000 | | 840 | 1300 | 5000 | ug/Kg |
| 206-44-0 | Fluoranthene | 26000 | | 590 | 2500 | 5000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062970.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 25000 | | 610 | 1300 | 5000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 24000 | | 510 | 1300 | 5000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 29000 | | 2000 | 2500 | 9900 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 26000 | | 760 | 1300 | 5000 | ug/Kg |
| 218-01-9 | Chrysene | 27000 | | 640 | 1300 | 5000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 23000 | | 560 | 1300 | 5000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 22000 | | 1300 | 2500 | 9900 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 27000 | | 960 | 1300 | 5000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 26000 | | 830 | 1300 | 5000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 24000 | | 980 | 1300 | 5000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 27000 | | 920 | 1300 | 5000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 27000 | | 760 | 1300 | 5000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 27000 | | 890 | 1300 | 5000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 21000 | | 1800 | 1300 | 5000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 3.603 | | 15-120 | | 45 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 20.204 | | 20-120 | | 51 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.634 | | 10-130 | | 57 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 20.35 | | 10-150 | | 51 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 26.275 | | 15-120 | | 66 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 22.852 | | 10-140 | | 57 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 25.086 | | 10-135 | | 63 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 25.174 | | 10-120 | | 63 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 25.485 | | 10-140 | | 64 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.499 | | 1-145 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.171 | | 10-145 | | 60 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 22.858 | | 15-120 | | 57 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 20.875 | | 10-150 | | 52 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.406 | | 20-140 | | 59 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SLCS429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BS | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.01 | 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 |
|---|---|---|---|---|
| BG062970.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 28.259 | | 10-130 | | 71 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.692 | | 10-150 | | 59 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.28 | | 10-130 | | 58 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 23.143 | | 10-140 | | 58 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43579 | 7.859 | | | | |
| 1146-65-2 | Naphthalene-d8 | 169684 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 144480 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 341308 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 351665 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 427788 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 900 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062972.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 920 | U | 920 | 190 | 2000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 110-86-1 | Pyridine | 3400 | U | 3400 | 4900 | 9800 | ug/Kg |
| 108-95-2 | Phenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1900 | U | 1900 | 2400 | 9800 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 98-86-2 | Acetophenone | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1500 | U | 1500 | 2400 | 9800 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 98-95-3 | Nitrobenzene | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 580 | U | 580 | 1300 | 4900 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 740 | U | 740 | 1300 | 4900 | ug/Kg |
| 91-20-3 | Naphthalene | 550 | U | 550 | 1300 | 4900 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 880 | U | 880 | 1300 | 9800 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 105-60-2 | Caprolactam | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1100 | U | 1100 | 1300 | 4900 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 940 | U | 940 | 1300 | 4900 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062972.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 890 | U | 890 | 1300 | 4900 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1600 | U | 1600 | 1300 | 4900 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 800 | U | 800 | 1300 | 4900 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1500 | U | 1500 | 1300 | 4900 | ug/Kg |
| 208-96-8 | Acenaphthylene | 850 | U | 850 | 1300 | 4900 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 83-32-9 | Acenaphthene | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 3500 | U | 3500 | 2400 | 9800 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1600 | U | 1600 | 2400 | 9800 | ug/Kg |
| 132-64-9 | Dibenzofuran | 760 | U | 760 | 1300 | 4900 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 940 | U | 940 | 1300 | 4900 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 86-73-7 | Fluorene | 1700 | U | 1700 | 1300 | 4900 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1200 | U | 1200 | 1300 | 4900 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 2400 | 9800 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2500 | U | 2500 | 2400 | 9800 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 2700 | U | 2700 | 1300 | 4900 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 860 | U | 860 | 1300 | 4900 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 1900 | U | 1900 | 1300 | 4900 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 1912-24-9 | Atrazine | 2100 | U | 2100 | 2400 | 9800 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 3200 | U | 3200 | 2400 | 9800 | ug/Kg |
| 85-01-8 | Phenanthrene | 680 | U | 680 | 1300 | 4900 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2100 | U | 2100 | 1300 | 4900 | ug/Kg |
| 120-12-7 | Anthracene | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2200 | U | 2200 | 1300 | 4900 | ug/Kg |
| 86-74-8 | Carbazole | 930 | U | 930 | 2400 | 9800 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 830 | U | 830 | 1300 | 4900 | ug/Kg |
| 206-44-0 | Fluoranthene | 590 | U | 590 | 2400 | 4900 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062972.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 610 | U | 610 | 1300 | 4900 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 510 | U | 510 | 1300 | 4900 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2000 | U | 2000 | 2400 | 9800 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 218-01-9 | Chrysene | 640 | U | 640 | 1300 | 4900 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 560 | U | 560 | 1300 | 4900 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1300 | U | 1300 | 2400 | 9800 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 950 | U | 950 | 1300 | 4900 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 820 | U | 820 | 1300 | 4900 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 970 | U | 970 | 1300 | 4900 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 910 | U | 910 | 1300 | 4900 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 750 | U | 750 | 1300 | 4900 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 880 | U | 880 | 1300 | 4900 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1800 | U | 1800 | 1300 | 4900 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.578 | | 15-120 | | 57 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 15.896 | | 20-120 | | 40 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 26.045 | | 10-130 | | 65 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.329 | | 10-150 | | 63 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 28.21 | | 15-120 | | 71 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 28.176 | | 10-140 | | 70 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.7 | | 10-135 | | 59 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.194 | | 10-120 | | 60 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.31 | | 10-140 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.418 | | 1-145 | | 59 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.336 | | 10-145 | | 61 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.068 | | 15-120 | | 58 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 18.714 | | 10-150 | | 47 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.905 | | 20-140 | | 60 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/16/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/16/2024 12:00:00 AM |
| Client Sample ID: | SBLK429 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163429BL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 0 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062972.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 20.572 | | 10-130 | | 51 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 22.943 | | 10-150 | | 57 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 22.128 | | 10-130 | | 55 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.888 | | 10-140 | | 57 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 38907 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 178145 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 144760 | 14.487 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 359240 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 383419 | 21.49 | | | | |
| 1520-96-3 | Perylene-d12 | 448436 | 24.522 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| E966796 | Total Alkanes | 890 | U | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 240 | 2400 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 110-86-1 | Pyridine | 4200 | U | 4200 | 5900 | 12000 | ug/Kg |
| 108-95-2 | Phenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2300 | U | 2300 | 3000 | 12000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 98-86-2 | Acetophenone | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1800 | U | 1800 | 3000 | 12000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2200 | U | 2200 | 1500 | 6000 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 700 | U | 700 | 1500 | 6000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 900 | U | 900 | 1500 | 6000 | ug/Kg |
| 91-20-3 | Naphthalene | 1700 | J | 670 | 1500 | 6000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1100 | U | 1100 | 1500 | 12000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 105-60-2 | Caprolactam | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 6000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1900 | J | 740 | 1500 | 6000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 3400 | J | 910 | 1500 | 6000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 3000 | 12000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1900 | U | 1900 | 1500 | 6000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 980 | U | 980 | 1500 | 6000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1800 | U | 1800 | 1500 | 6000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 83-32-9 | Acenaphthene | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U | 4300 | 3000 | 12000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1900 | U | 1900 | 3000 | 12000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 930 | U | 930 | 1500 | 6000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 86-73-7 | Fluorene | 2000 | U | 2000 | 1500 | 6000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 6000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 3000 | 12000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 3000 | U | 3000 | 3000 | 12000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3300 | U | 3300 | 1500 | 6000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2300 | U | 2300 | 1500 | 6000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 1912-24-9 | Atrazine | 2500 | U | 2500 | 3000 | 12000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 440000 | E | 3900 | 3000 | 12000 | ug/Kg |
| 85-01-8 | Phenanthrene | 820 | U | 820 | 1500 | 6000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2500 | U | 2500 | 1500 | 6000 | ug/Kg |
| 120-12-7 | Anthracene | 680 | U | 680 | 1500 | 6000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2600 | U | 2600 | 1500 | 6000 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 3000 | 12000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 206-44-0 | Fluoranthene | 720 | U | 720 | 3000 | 6000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 740 | U | 740 | 1500 | 6000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 620 | U | 620 | 1500 | 6000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2400 | U | 2400 | 3000 | 12000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 920 | U | 920 | 1500 | 6000 | ug/Kg |
| 218-01-9 | Chrysene | 780 | U | 780 | 1500 | 6000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 680 | U | 680 | 1500 | 6000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1600 | U | 1600 | 3000 | 12000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | U | 1000 | 1500 | 6000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1200 | U | 1200 | 1500 | 6000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 920 | U | 920 | 1500 | 6000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 1500 | 6000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 26000 | | 2200 | 1500 | 6000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.247 | | 15-120 | | 28 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 11.708 | | 20-120 | | 29 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 17.605 | | 10-130 | | 44 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 16.714 | | 10-150 | | 42 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 16.831 | | 15-120 | | 42 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 17.856 | | 10-140 | | 45 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.869 | | 10-135 | | 42 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 17.652 | | 10-120 | | 44 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 17.169 | | 10-140 | | 43 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 16.211 | | 1-145 | | 41 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 18.769 | | 10-145 | | 47 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 17.701 | | 15-120 | | 44 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 15.002 | | 10-150 | | 38 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 18.689 | | 20-140 | | 47 | SPK: -40 |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 17.283 | | 10-130 | | 43 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 18.248 | | 10-150 | | 46 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 18.073 | | 10-130 | | 45 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 19.075 | | 10-140 | | 48 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 42002 | 7.857 | | | | |
| 1146-65-2 | Naphthalene-d8 | 181753 | 10.642 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 139605 | 14.485 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 319861 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 332290 | 21.483 | | | | |
| 1520-96-3 | Perylene-d12 | 409284 | 24.532 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 000107-92-6 | Butanoic acid | 5400 | J | | | 3.997 | |
| | (DEL) Alkane: Straight-Chain5.883 | 7100 | J | | | 5.883 | |
| 000107-41-5 | Hexylene glycol | 9000 | J | | | 6.171 | |
| | unknown-01 | 3600 | J | | | 6.359 | |
| | (DEL) Alkane: Straight-Chain6.853 | 4500 | J | | | 6.853 | |
| | (DEL) Alkane: Straight-Chain6.912 | 5600 | J | | | 6.912 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 3700 | J | | | 6.953 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 4400 | J | | | 7.282 | |
| | (DEL) Alkane: Straight-Chain7.487 | 35000 | J | | | 7.487 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 21000 | J | | | 7.916 | |
| 000095-63-6 | Benzene, 1,2,4-trimethyl- | 4300 | J | | | 7.975 | |
| 1000309-30-8 | Oxalic acid, cyclohexyl hexyl este | 14000 | J | | | 8.075 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 5900 | J | | | 8.28 | |
| 001074-43-7 | Benzene, 1-methyl-3-propyl- | 6500 | J | | | 8.398 | |
| 018368-95-1 | 1,3,8-p-Menthatriene | 6500 | J | | | 8.498 | |
| | (DEL) Alkane: Straight-Chain8.627 | 5200 | J | | | 8.627 | |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 4400 | J | | | 8.856 | |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 8600 | J | | | 8.956 | |
| 1000382-90-8 | Carbonic acid, prop-1-en-2-yl trid | 31000 | J | | | 9.085 | |
| 000149-57-5 | Hexanoic acid, 2-ethyl- | 5400 | J | | | 9.162 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 7900 | J | | | 11.024 | |
| 1000357-85-7 | Carbonic acid, neopentyl 2-ethylhe | 4100 | J | | | 11.154 | |
| 000590-67-0 | Cyclohexanol, 1-methyl- | 4400 | J | | | 11.677 | |
| 014679-13-1 | Benzene, 1,3,5-trimethyl-2-(1-meth | 3900 | J | | | 11.741 | |
| 1000484-18-1 | 1,3-Hexanediol, 2-ethyl- (isomer 2 | 6400 | J | | | 11.912 | |
| | (DEL) Alkane: Straight-Chain12.070 | 6400 | J | | | 12.07 | |
| | unknown-02 | 5000 | J | | | 12.105 | |
| | unknown-03 | 3800 | J | | | 12.899 | |
| | (DEL) Alkane: Straight-Chain13.028 | 2800 | J | | | 13.028 | |
| | (DEL) Alkane: Straight-Chain13.316 | 9800 | J | | | 13.316 | |
| 000575-43-9 | Naphthalene, 1,6-dimethyl- | 5100 | J | | | 13.668 | |
| 074367-31-0 | Propanoic acid, 2-methyl-, 2-ethyl | 5700 | J | | | 13.751 | |
| 000571-58-4 | Naphthalene, 1,4-dimethyl- | 3700 | J | | | 13.809 | |
| | (DEL) Alkane: Straight-Chain14.391 | 11000 | J | | | 14.391 | |
| | unknown-04 | 4400 | J | | | 14.561 | |
| 002245-38-7 | Naphthalene, 1,6,7-trimethyl- | 4200 | J | | | 15.249 | |
| | (DEL) Alkane: Straight-Chain15.343 | 7700 | J | | | 15.343 | |
| 000119-61-9 | Benzophenone | 6200 | J | | | 15.848 | |
| | (DEL) Alkane: Straight-Chain16.206 | 7900 | J | | | 16.206 | |
| | (DEL) Alkane: Straight-Chain17.000 | 7700 | J | | | 17 | |
| | (DEL) Alkane: Straight-Chain17.053 | 4900 | J | | | 17.053 | |
| | (DEL) Alkane: Straight-Chain17.740 | 5600 | J | | | 17.74 | |
| 001731-88-0 | Tridecanoic acid, methyl ester | 4000 | J | | | 17.91 | |
| | (DEL) Alkane: Straight-Chain18.433 | 3700 | J | | | 18.433 | |
| 1000383-13-9 | Carbonic acid, dodecyl 2-ethylhexy | 6100 | J | | | 21.16 | |
| | (DEL) Alkane: Straight-Chain22.258 | 3100 | J | | | 22.258 | |
| | (DEL) Alkane: Straight-Chain28.369 | 2700 | J | | | 28.369 | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062973.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| E966796 | Total Alkanes | 130000 | | | | 99 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1100 | U | 1100 | 230 | 2300 | ug/Kg |
| 100-52-7 | Benzaldehyde | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 110-86-1 | Pyridine | 4000 | U | 4000 | 5700 | 11000 | ug/Kg |
| 108-95-2 | Phenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 2200 | U | 2200 | 2800 | 11000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 98-86-2 | Acetophenone | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 1700 | U | 1700 | 2800 | 11000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 67-72-1 | Hexachloroethane | 1900 | U | 1900 | 1500 | 5700 | ug/Kg |
| 98-95-3 | Nitrobenzene | 2100 | U | 2100 | 1500 | 5700 | ug/Kg |
| 78-59-1 | Isophorone | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 680 | U | 680 | 1500 | 5700 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 860 | U | 860 | 1500 | 5700 | ug/Kg |
| 91-20-3 | Naphthalene | 7500 | | 640 | 1500 | 5700 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 1000 | U | 1000 | 1500 | 11000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 105-60-2 | Caprolactam | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 1300 | U | 1300 | 1500 | 5700 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7800 | | 710 | 1500 | 5700 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 12000 | | 870 | 1500 | 5700 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 3000 | U | 3000 | 2800 | 11000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 1400 | J | 1000 | 1500 | 5700 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 970 | U | 970 | 1500 | 5700 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 1800 | U | 1800 | 1500 | 5700 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 940 | U | 940 | 1500 | 5700 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 1700 | U | 1700 | 1500 | 5700 | ug/Kg |
| 208-96-8 | Acenaphthylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 83-32-9 | Acenaphthene | 890 | U | 890 | 1500 | 5700 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 4100 | U | 4100 | 2800 | 11000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 1800 | U | 1800 | 2800 | 11000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 890 | U | 890 | 1500 | 5700 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 84-66-2 | Diethylphthalate | 1900 | U | 1900 | 1500 | 5700 | ug/Kg |
| 86-73-7 | Fluorene | 1900 | U | 1900 | 1500 | 5700 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | U | 1400 | 1500 | 5700 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 1400 | U | 1400 | 2800 | 11000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2900 | U | 2900 | 2800 | 11000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 3200 | U | 3200 | 1500 | 5700 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 2200 | U | 2200 | 1500 | 5700 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 1912-24-9 | Atrazine | 2400 | U | 2400 | 2800 | 11000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1200000 | E | 3800 | 2800 | 11000 | ug/Kg |
| 85-01-8 | Phenanthrene | 3600 | J | 790 | 1500 | 5700 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 2400 | U | 2400 | 1500 | 5700 | ug/Kg |
| 120-12-7 | Anthracene | 650 | U | 650 | 1500 | 5700 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 2500 | U | 2500 | 1500 | 5700 | ug/Kg |
| 86-74-8 | Carbazole | 1100 | U | 1100 | 2800 | 11000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 970 | U | 970 | 1500 | 5700 | ug/Kg |
| 206-44-0 | Fluoranthene | 690 | U | 690 | 2800 | 5700 | ug/Kg |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 710 | U | 710 | 1500 | 5700 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 600 | U | 600 | 1500 | 5700 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 2300 | U | 2300 | 2800 | 11000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 218-01-9 | Chrysene | 740 | U | 740 | 1500 | 5700 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1200 | J | 650 | 1500 | 5700 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 2800 | 11000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 960 | U | 960 | 1500 | 5700 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | U | 1100 | 1500 | 5700 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 880 | U | 880 | 1500 | 5700 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 1000 | U | 1000 | 1500 | 5700 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 75000 | | 2100 | 1500 | 5700 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 4.097 | | 15-120 | | 51 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 18.827 | | 20-120 | | 47 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 30.533 | | 10-130 | | 76 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 30.737 | | 10-150 | | 77 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 29.719 | | 15-120 | | 74 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 30.74 | | 10-140 | | 77 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 36.049 | | 10-135 | | 90 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 37.28 | | 10-120 | | 93 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 34.969 | | 10-140 | | 87 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 31.618 | | 1-145 | | 79 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 31.05 | | 10-145 | | 78 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 30.702 | | 15-120 | | 77 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 28.005 | | 10-150 | | 70 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 31.888 | | 20-140 | | 80 | SPK: -40 |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 31.963 | | 10-130 | | 80 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 31.099 | | 10-150 | | 78 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 30.891 | | 10-130 | | 77 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 31.215 | | 10-140 | | 78 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41883 | 7.861 | | | | |
| 1146-65-2 | Naphthalene-d8 | 153284 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 135452 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 305387 | 17.244 | | | | |
| 1719-03-5 | Chrysene-d12 | 312790 | 21.492 | | | | |
| 1520-96-3 | Perylene-d12 | 381592 | 24.529 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.887 | 25000 | J | | | 5.887 | |
| | (DEL) Alkane: Straight-Chain6.351 | 6800 | J | | | 6.351 | |
| | (DEL) Alkane: Straight-Chain6.427 | 8500 | J | | | 6.427 | |
| | (DEL) Alkane: Cyclic6.503 | 10000 | J | | | 6.503 | |
| | (DEL) Alkane: Straight-Chain6.856 | 20000 | J | | | 6.856 | |
| | (DEL) Alkane: Straight-Chain6.915 | 14000 | J | | | 6.915 | |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 15000 | J | | | 6.95 | |
| 000108-67-8 | Mesitylene | 11000 | J | | | 7.085 | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 12000 | J | | | 7.25 | |
| 019549-80-5 | 2-Heptanone, 4,6-dimethyl- | 17000 | J | | | 7.285 | |
| | (DEL) Alkane: Straight-Chain7.491 | 91000 | J | | | 7.491 | |
| | (DEL) Alkane: Straight-Chain7.784 | 7500 | J | | | 7.784 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 20000 | J | | | 7.919 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 11000 | J | | | 7.972 | |
| | (DEL) Alkane: Cyclic8.149 | 9000 | J | | | 8.149 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 40000 | J | | | 8.284 | |
| | unknown-01 | 17000 | J | | | 8.395 | |

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# Report of Analysis

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| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain8.448 | 7500 | J | | | 8.448 | |
| 000488-23-3 | Benzene, 1,2,3,4-tetramethyl- | 14000 | J | | | 8.501 | |
| | (DEL) Alkane: Straight-Chain8.625 | 15000 | J | | | 8.625 | |
| 002783-26-8 | 2-Tolyloxirane | 12000 | J | | | 8.66 | |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 8300 | J | | | 8.807 | |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 20000 | J | | | 8.854 | |
| | (DEL) Alkane: Straight-Chain9.089 | 79000 | J | | | 9.089 | |
| | unknown-02 | 22000 | J | | | 9.206 | |
| | unknown-03 | 3400 | J | | | 11.028 | |
| 1000357-85-7 | Carbonic acid, neopentyl 2-ethylhe | 2400 | J | | | 11.151 | |
| | (DEL) Alkane: Straight-Chain12.073 | 4000 | J | | | 12.073 | |
| | (DEL) Alkane: Straight-Chain13.031 | 8500 | J | | | 13.031 | |
| | unknown-04 | 10000 | J | | | 13.055 | |
| 000141-86-6 | 2,6-Pyridinediamine | 9300 | J | | | 13.536 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 16000 | J | | | 13.666 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 12000 | J | | | 13.813 | |
| | (DEL) Alkane: Straight-Chain13.977 | 9900 | J | | | 13.977 | |
| | (DEL) Alkane: Straight-Chain14.394 | 33000 | J | | | 14.394 | |
| | unknown-05 | 11000 | J | | | 14.57 | |
| 065539-79-9 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d | 7500 | J | | | 14.629 | |
| 000829-26-5 | Naphthalene, 2,3,6-trimethyl- | 8800 | J | | | 14.894 | |
| 002131-42-2 | Naphthalene, 1,4,6-trimethyl- | 7500 | J | | | 14.964 | |
| 1000309-12-7 | Sulfurous acid, octadecyl 2-propyl | 10000 | J | | | 15.017 | |
| 000941-81-1 | 4,6,8-Trimethylazulene | 7100 | J | | | 15.252 | |
| | (DEL) Alkane: Straight-Chain15.346 | 32000 | J | | | 15.346 | |
| | (DEL) Alkane: Straight-Chain15.752 | 17000 | J | | | 15.752 | |
| | unknown-06 | 9700 | J | | | 15.851 | |
| | (DEL) Alkane: Cyclic15.963 | 8800 | J | | | 15.963 | |
| | (DEL) Alkane: Straight-Chain16.216 | 35000 | J | | | 16.216 | |
| | (DEL) Alkane: Straight-Chain17.003 | 29000 | J | | | 17.003 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60ME | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09ME | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062974.D | 1 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| | (DEL) Alkane: Straight-Chain17.056 | 20000 | J | | | 17.056 | |
| | (DEL) Alkane: Straight-Chain17.532 | 6800 | J | | | 17.532 | |
| | (DEL) Alkane: Straight-Chain17.743 | 23000 | J | | | 17.743 | |
| 000112-39-0 | Hexadecanoic acid, methyl ester | 7000 | J | | | 17.914 | |
| | (DEL) Alkane: Straight-Chain18.437 | 19000 | J | | | 18.437 | |
| | (DEL) Alkane: Straight-Chain19.071 | 22000 | J | | | 19.071 | |
| 004292-19-7 | Dodecane, 1-iodo- | 6800 | J | | | 20.182 | |
| | (DEL) Alkane: Straight-Chain20.675 | 5400 | J | | | 20.675 | |
| | (DEL) Alkane: Straight-Chain21.169 | 26000 | J | | | 21.169 | |
| | (DEL) Alkane: Straight-Chain21.686 | 5600 | J | | | 21.686 | |
| 1000336-66-8 | 6-Octadecenoic acid | 15000 | J | | | 22.144 | |
| 1000383-13-8 | Carbonic acid, 2-ethylhexyl undecy | 11000 | J | | | 22.267 | |
| E966796 | Total Alkanes | 600000 | | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062975.D | 100 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 110000 | U | 110000 | 23900 | 240000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 250000 | U | 250000 | 298900 | 1.2e+006 | ug/Kg |
| 110-86-1 | Pyridine | 420000 | U | 420000 | 597700 | 1.2e+006 | ug/Kg |
| 108-95-2 | Phenol | 180000 | U | 180000 | 298900 | 1.2e+006 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 230000 | U | 230000 | 298900 | 1.2e+006 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 180000 | U | 180000 | 154000 | 600000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 140000 | U | 140000 | 298900 | 1.2e+006 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 240000 | U | 240000 | 298900 | 1.2e+006 | ug/Kg |
| 98-86-2 | Acetophenone | 180000 | U | 180000 | 298900 | 1.2e+006 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 180000 | U | 180000 | 298900 | 1.2e+006 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 250000 | U | 250000 | 154000 | 600000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 210000 | U | 210000 | 154000 | 600000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 220000 | U | 220000 | 154000 | 600000 | ug/Kg |
| 78-59-1 | Isophorone | 130000 | U | 130000 | 154000 | 600000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 71000 | U | 71000 | 154000 | 600000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 120000 | U | 120000 | 154000 | 600000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 91000 | U | 91000 | 154000 | 600000 | ug/Kg |
| 91-20-3 | Naphthalene | 68000 | U | 68000 | 154000 | 600000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 110000 | U | 110000 | 154000 | 1.2e+006 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 140000 | U | 140000 | 154000 | 600000 | ug/Kg |
| 105-60-2 | Caprolactam | 240000 | U | 240000 | 298900 | 1.2e+006 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 130000 | U | 130000 | 154000 | 600000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 75000 | U | 75000 | 154000 | 600000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 92000 | U | 92000 | 154000 | 600000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 310000 | U | 310000 | 298900 | 1.2e+006 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 140000 | U | 140000 | 154000 | 600000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 120000 | U | 120000 | 154000 | 600000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062975.D | 100 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 100000 | U | 100000 | 154000 | 600000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 190000 | U | 190000 | 154000 | 600000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 99000 | U | 99000 | 154000 | 600000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 180000 | U | 180000 | 154000 | 600000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 160000 | U | 160000 | 298900 | 1.2e+006 | ug/Kg |
| 83-32-9 | Acenaphthene | 94000 | U | 94000 | 154000 | 600000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 430000 | U | 430000 | 298900 | 1.2e+006 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 190000 | U | 190000 | 298900 | 1.2e+006 | ug/Kg |
| 132-64-9 | Dibenzofuran | 94000 | U | 94000 | 154000 | 600000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 120000 | U | 120000 | 154000 | 600000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 210000 | U | 210000 | 154000 | 600000 | ug/Kg |
| 86-73-7 | Fluorene | 210000 | U | 210000 | 154000 | 600000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 140000 | U | 140000 | 154000 | 600000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 140000 | U | 140000 | 298900 | 1.2e+006 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 300000 | U | 300000 | 298900 | 1.2e+006 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 340000 | U | 340000 | 154000 | 600000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 230000 | U | 230000 | 154000 | 600000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 270000 | U | 270000 | 154000 | 600000 | ug/Kg |
| 1912-24-9 | Atrazine | 250000 | U | 250000 | 298900 | 1.2e+006 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 3200000 | D | 400000 | 298900 | 1.2e+006 | ug/Kg |
| 85-01-8 | Phenanthrene | 83000 | U | 83000 | 154000 | 600000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 250000 | U | 250000 | 154000 | 600000 | ug/Kg |
| 120-12-7 | Anthracene | 69000 | U | 69000 | 154000 | 600000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 270000 | U | 270000 | 154000 | 600000 | ug/Kg |
| 86-74-8 | Carbazole | 110000 | U | 110000 | 298900 | 1.2e+006 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 100000 | U | 100000 | 154000 | 600000 | ug/Kg |
| 206-44-0 | Fluoranthene | 72000 | U | 72000 | 298900 | 600000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062975.D | 100 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 75000 | U | 75000 | 154000 | 600000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 63000 | U | 63000 | 154000 | 600000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 240000 | U | 240000 | 298900 | 1.2e+006 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 93000 | U | 93000 | 154000 | 600000 | ug/Kg |
| 218-01-9 | Chrysene | 78000 | U | 78000 | 154000 | 600000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 69000 | U | 69000 | 154000 | 600000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 160000 | U | 160000 | 298900 | 1.2e+006 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 120000 | U | 120000 | 154000 | 600000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 100000 | U | 100000 | 154000 | 600000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 120000 | U | 120000 | 154000 | 600000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 93000 | U | 93000 | 154000 | 600000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 110000 | U | 110000 | 154000 | 600000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 220000 | JD | 220000 | 154000 | 600000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 38.1 | | 10-130 | | 95 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 42.6 | | 10-150 | | 106 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 34.7 | | 15-120 | | 87 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 35.2 | | 10-140 | | 88 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 22.6 | | 10-135 | | 56 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | | U | 10-120 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 32.7 | | 10-140 | | 82 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | | U | 1-145 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 44.6 | | 10-145 | | 112 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 40.5 | | 15-120 | | 101 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 46.8 | | 20-140 | | 117 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DCVY6MEDL2 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3878-08MEDL2 | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.6 |
| 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 |
|---|---|---|---|---|
| BG062975.D | 100 | 9/13/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163394 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 45.9 | | 10-150 | | 115 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 40.5 | | 10-130 | | 101 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 46.5 | | 10-140 | | 116 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 35102 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 148539 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 127094 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 294049 | 17.241 | | | | |
| 1719-03-5 | Chrysene-d12 | 306027 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 371237 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | unknown-01 | 260000 | JD | | | 7.006 | |
| | (DEL) Alkane: Straight-Chain7.482 | 780000 | JD | | | 7.482 | |
| | (DEL) Alkane: Straight-Chain9.080 | 500000 | JD | | | 9.08 | |
| E966796 | Total Alkanes | 1300000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062976.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2400 | 24000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 25000 | U | 25000 | 29400 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 42000 | U | 42000 | 58800 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 18000 | U | 18000 | 29400 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 23000 | U | 23000 | 29400 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 18000 | U | 18000 | 15100 | 59000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 14000 | U | 14000 | 29400 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | U | 24000 | 29400 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 18000 | U | 18000 | 29400 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 18000 | U | 18000 | 29400 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 25000 | U | 25000 | 15100 | 59000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 20000 | U | 20000 | 15100 | 59000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 21000 | U | 21000 | 15100 | 59000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 15100 | 59000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7000 | U | 7000 | 15100 | 59000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 12000 | U | 12000 | 15100 | 59000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 8900 | U | 8900 | 15100 | 59000 | ug/Kg |
| 91-20-3 | Naphthalene | 6700 | U | 6700 | 15100 | 59000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15100 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 14000 | U | 14000 | 15100 | 59000 | ug/Kg |
| 105-60-2 | Caprolactam | 24000 | U | 24000 | 29400 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 15100 | 59000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7400 | U | 7400 | 15100 | 59000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9000 | U | 9000 | 15100 | 59000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 31000 | U | 31000 | 29400 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 14000 | U | 14000 | 15100 | 59000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 11000 | U | 11000 | 15100 | 59000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062976.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15100 | 59000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 19000 | U | 19000 | 15100 | 59000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 9700 | U | 9700 | 15100 | 59000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 18000 | U | 18000 | 15100 | 59000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 15000 | U | 15000 | 29400 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9300 | U | 9300 | 15100 | 59000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 43000 | U | 43000 | 29400 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 19000 | U | 19000 | 29400 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9300 | U | 9300 | 15100 | 59000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 11000 | U | 11000 | 15100 | 59000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 20000 | U | 20000 | 15100 | 59000 | ug/Kg |
| 86-73-7 | Fluorene | 20000 | U | 20000 | 15100 | 59000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 14000 | U | 14000 | 15100 | 59000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 14000 | U | 14000 | 29400 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 30000 | U | 30000 | 29400 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 33000 | U | 33000 | 15100 | 59000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 23000 | U | 23000 | 15100 | 59000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 26000 | U | 26000 | 15100 | 59000 | ug/Kg |
| 1912-24-9 | Atrazine | 25000 | U | 25000 | 29400 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 440000 | D | 39000 | 29400 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8200 | U | 8200 | 15100 | 59000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 25000 | U | 25000 | 15100 | 59000 | ug/Kg |
| 120-12-7 | Anthracene | 6800 | U | 6800 | 15100 | 59000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 26000 | U | 26000 | 15100 | 59000 | ug/Kg |
| 86-74-8 | Carbazole | 11000 | U | 11000 | 29400 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7100 | U | 7100 | 29400 | 59000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062976.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7400 | U | 7400 | 15100 | 59000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6200 | U | 6200 | 15100 | 59000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 24000 | U | 24000 | 29400 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9100 | U | 9100 | 15100 | 59000 | ug/Kg |
| 218-01-9 | Chrysene | 7700 | U | 7700 | 15100 | 59000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6800 | U | 6800 | 15100 | 59000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 15000 | U | 15000 | 29400 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 12000 | U | 12000 | 15100 | 59000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 10000 | U | 10000 | 15100 | 59000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15100 | 59000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 15100 | 59000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9100 | U | 9100 | 15100 | 59000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15100 | 59000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 26000 | JD | 21000 | 15100 | 59000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.74 | | 10-130 | | 57 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 23.57 | | 10-150 | | 59 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 22.82 | | 15-120 | | 57 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.82 | | 10-140 | | 55 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 21.63 | | 10-135 | | 54 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 22.17 | | 10-120 | | 55 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 22 | | 10-140 | | 55 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 19.98 | | 1-145 | | 50 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 23.12 | | 10-145 | | 58 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.03 | | 15-120 | | 58 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.96 | | 20-140 | | 60 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC78MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-13MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.8 |
| Sample Wt/Vol: | 1 | 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 |
|---|---|---|---|---|
| BG062976.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 24.61 | | 10-150 | | 62 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.81 | | 10-130 | | 52 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 21.06 | | 10-140 | | 53 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 32939 | 7.855 | | | | |
| 1146-65-2 | Naphthalene-d8 | 137420 | 10.646 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 117406 | 14.489 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 285628 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 300901 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 366163 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | unknown-01 | 29000 | JD | | | 6.856 | |
| | (DEL) Alkane: Straight-Chain7.485 | 120000 | JD | | | 7.485 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 46000 | JD | | | 8.278 | |
| | (DEL) Alkane: Straight-Chain9.077 | 68000 | JD | | | 9.077 | |
| E966796 | Total Alkanes | 190000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062977.D | 2 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 2200 | U | 2200 | 450 | 4600 | ug/Kg |
| 100-52-7 | Benzaldehyde | 4800 | U | 4800 | 5700 | 23000 | ug/Kg |
| 110-86-1 | Pyridine | 8000 | U | 8000 | 11400 | 23000 | ug/Kg |
| 108-95-2 | Phenol | 3400 | U | 3400 | 5700 | 23000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 4400 | U | 4400 | 5700 | 23000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 3400 | U | 3400 | 2900 | 11000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 2800 | U | 2800 | 5700 | 23000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 4600 | U | 4600 | 5700 | 23000 | ug/Kg |
| 98-86-2 | Acetophenone | 3400 | U | 3400 | 5700 | 23000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 3400 | U | 3400 | 5700 | 23000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 4800 | U | 4800 | 2900 | 11000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 3900 | U | 3900 | 2900 | 11000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 4100 | U | 4100 | 2900 | 11000 | ug/Kg |
| 78-59-1 | Isophorone | 2500 | U | 2500 | 2900 | 11000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 2000 | U | 2000 | 2900 | 11000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 1400 | U | 1400 | 2900 | 11000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 2200 | U | 2200 | 2900 | 11000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 1700 | U | 1700 | 2900 | 11000 | ug/Kg |
| 91-20-3 | Naphthalene | 1300 | U | 1300 | 2900 | 11000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 2100 | U | 2100 | 2900 | 23000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 2800 | U | 2800 | 2900 | 11000 | ug/Kg |
| 105-60-2 | Caprolactam | 4600 | U | 4600 | 5700 | 23000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 2500 | U | 2500 | 2900 | 11000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 1400 | U | 1400 | 2900 | 11000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 1700 | U | 1700 | 2900 | 11000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 6000 | U | 6000 | 5700 | 23000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 2800 | U | 2800 | 2900 | 11000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 2200 | U | 2200 | 2900 | 11000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062977.D | 2 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 2100 | U | 2100 | 2900 | 11000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 2000 | U | 2000 | 2900 | 11000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 3700 | U | 3700 | 2900 | 11000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 1900 | U | 1900 | 2900 | 11000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 3400 | U | 3400 | 2900 | 11000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 2000 | U | 2000 | 2900 | 11000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 3000 | U | 3000 | 5700 | 23000 | ug/Kg |
| 83-32-9 | Acenaphthene | 1800 | U | 1800 | 2900 | 11000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 8300 | U | 8300 | 5700 | 23000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 3700 | U | 3700 | 5700 | 23000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 1800 | U | 1800 | 2900 | 11000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 2200 | U | 2200 | 2900 | 11000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 3900 | U | 3900 | 2900 | 11000 | ug/Kg |
| 86-73-7 | Fluorene | 3900 | U | 3900 | 2900 | 11000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 2800 | U | 2800 | 2900 | 11000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 2800 | U | 2800 | 5700 | 23000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 5700 | U | 5700 | 5700 | 23000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 6400 | U | 6400 | 2900 | 11000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 2000 | U | 2000 | 2900 | 11000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 4400 | U | 4400 | 2900 | 11000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 5000 | U | 5000 | 2900 | 11000 | ug/Kg |
| 1912-24-9 | Atrazine | 4800 | U | 4800 | 5700 | 23000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 220000 | D | 7600 | 5700 | 23000 | ug/Kg |
| 85-01-8 | Phenanthrene | 1600 | U | 1600 | 2900 | 11000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 4800 | U | 4800 | 2900 | 11000 | ug/Kg |
| 120-12-7 | Anthracene | 1300 | U | 1300 | 2900 | 11000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 5000 | U | 5000 | 2900 | 11000 | ug/Kg |
| 86-74-8 | Carbazole | 2200 | U | 2200 | 5700 | 23000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 2000 | U | 2000 | 2900 | 11000 | ug/Kg |
| 206-44-0 | Fluoranthene | 1400 | U | 1400 | 5700 | 11000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062977.D | 2 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 1400 | U | 1400 | 2900 | 11000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 1200 | U | 1200 | 2900 | 11000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 4600 | U | 4600 | 5700 | 23000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 1800 | U | 1800 | 2900 | 11000 | ug/Kg |
| 218-01-9 | Chrysene | 1500 | U | 1500 | 2900 | 11000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1300 | U | 1300 | 2900 | 11000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 3000 | U | 3000 | 5700 | 23000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 2200 | U | 2200 | 2900 | 11000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1900 | U | 1900 | 2900 | 11000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 2300 | U | 2300 | 2900 | 11000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 2100 | U | 2100 | 2900 | 11000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 1800 | U | 1800 | 2900 | 11000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 2100 | U | 2100 | 2900 | 11000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 15000 | D | 4100 | 2900 | 11000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.944 | | 15-120 | | 37 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 16.426 | | 20-120 | | 41 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 24.586 | | 10-130 | | 61 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 25.432 | | 10-150 | | 64 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 25.77 | | 15-120 | | 64 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 21.362 | | 10-140 | | 53 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 23.264 | | 10-135 | | 58 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 26.306 | | 10-120 | | 66 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 24.39 | | 10-140 | | 61 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 23.042 | | 1-145 | | 58 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 24.302 | | 10-145 | | 61 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 23.722 | | 15-120 | | 59 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 18.032 | | 10-150 | | 45 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 25.458 | | 20-140 | | 64 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062977.D | 2 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 21.936 | | 10-130 | | 55 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.924 | | 10-150 | | 60 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 23.652 | | 10-130 | | 59 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 24.86 | | 10-140 | | 62 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 39875 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 149610 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 120825 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 288496 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 312921 | 21.484 | | | | |
| 1520-96-3 | Perylene-d12 | 379245 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 021078-65-9 | 1-Decanol, 2-ethyl- | 7400 | JD | | | 7.482 | |
| | (DEL) Alkane: Straight-Chain9.081 | 8600 | JD | | | 9.081 | |
| | (DEL) Alkane: Straight-Chain12.065 | 7500 | JD | | | 12.065 | |
| | (DEL) Alkane: Straight-Chain13.317 | 8100 | JD | | | 13.317 | |
| 000582-16-1 | Naphthalene, 2,7-dimethyl- | 5200 | JD | | | 13.664 | |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 6300 | JD | | | 13.805 | |
| | (DEL) Alkane: Straight-Chain14.392 | 10000 | JD | | | 14.392 | |
| 035599-77-0 | Tridecane, 1-iodo- | 12000 | JD | | | 15.344 | |
| | (DEL) Alkane: Straight-Chain15.755 | 6200 | JD | | | 15.755 | |
| 000119-61-9 | Benzophenone | 8200 | JD | | | 15.843 | |
| | (DEL) Alkane: Straight-Chain16.208 | 13000 | JD | | | 16.208 | |
| | (DEL) Alkane: Straight-Chain17.001 | 11000 | JD | | | 17.001 | |
| | (DEL) Alkane: Straight-Chain17.054 | 5900 | JD | | | 17.054 | |
| | (DEL) Alkane: Straight-Chain17.741 | 11000 | JD | | | 17.741 | |
| | (DEL) Alkane: Straight-Chain18.429 | 9600 | JD | | | 18.429 | |
| | (DEL) Alkane: Straight-Chain19.069 | 8000 | JD | | | 19.069 | |
| 1010383-14-1 | Carbonic acid, 2-ethylhexyl tetrad | 7900 | JD | | | 21.161 | |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC13MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-02MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 15.4 |
| 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 |
|---|---|---|---|---|
| BG062977.D | 2 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| E966796 | Total Alkanes | 99000 | D | | | 99 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062978.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 11000 | U | 11000 | 2300 | 24000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 25000 | U | 25000 | 29200 | 120000 | ug/Kg |
| 110-86-1 | Pyridine | 41000 | U | 41000 | 58400 | 120000 | ug/Kg |
| 108-95-2 | Phenol | 18000 | U | 18000 | 29200 | 120000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 22000 | U | 22000 | 29200 | 120000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 18000 | U | 18000 | 15000 | 59000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 14000 | U | 14000 | 29200 | 120000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 24000 | U | 24000 | 29200 | 120000 | ug/Kg |
| 98-86-2 | Acetophenone | 18000 | U | 18000 | 29200 | 120000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 18000 | U | 18000 | 29200 | 120000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 25000 | U | 25000 | 15000 | 59000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 20000 | U | 20000 | 15000 | 59000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 21000 | U | 21000 | 15000 | 59000 | ug/Kg |
| 78-59-1 | Isophorone | 13000 | U | 13000 | 15000 | 59000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 10000 | U | 10000 | 15000 | 59000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 7000 | U | 7000 | 15000 | 59000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 8800 | U | 8800 | 15000 | 59000 | ug/Kg |
| 91-20-3 | Naphthalene | 6600 | U | 6600 | 15000 | 59000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 11000 | U | 11000 | 15000 | 120000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 14000 | U | 14000 | 15000 | 59000 | ug/Kg |
| 105-60-2 | Caprolactam | 24000 | U | 24000 | 29200 | 120000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 13000 | U | 13000 | 15000 | 59000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 7300 | U | 7300 | 15000 | 59000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 9000 | U | 9000 | 15000 | 59000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 31000 | U | 31000 | 29200 | 120000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 14000 | U | 14000 | 15000 | 59000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062978.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 10000 | U | 10000 | 15000 | 59000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 19000 | U | 19000 | 15000 | 59000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 9700 | U | 9700 | 15000 | 59000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 18000 | U | 18000 | 15000 | 59000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 10000 | U | 10000 | 15000 | 59000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 15000 | U | 15000 | 29200 | 120000 | ug/Kg |
| 83-32-9 | Acenaphthene | 9200 | U | 9200 | 15000 | 59000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 42000 | U | 42000 | 29200 | 120000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 19000 | U | 19000 | 29200 | 120000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 9200 | U | 9200 | 15000 | 59000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 20000 | U | 20000 | 15000 | 59000 | ug/Kg |
| 86-73-7 | Fluorene | 20000 | U | 20000 | 15000 | 59000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 14000 | U | 14000 | 15000 | 59000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 14000 | U | 14000 | 29200 | 120000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 29000 | U | 29000 | 29200 | 120000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 33000 | U | 33000 | 15000 | 59000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10000 | U | 10000 | 15000 | 59000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 22000 | U | 22000 | 15000 | 59000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 26000 | U | 26000 | 15000 | 59000 | ug/Kg |
| 1912-24-9 | Atrazine | 25000 | U | 25000 | 29200 | 120000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 360000 | D | 39000 | 29200 | 120000 | ug/Kg |
| 85-01-8 | Phenanthrene | 8100 | U | 8100 | 15000 | 59000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 25000 | U | 25000 | 15000 | 59000 | ug/Kg |
| 120-12-7 | Anthracene | 6700 | U | 6700 | 15000 | 59000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 26000 | U | 26000 | 15000 | 59000 | ug/Kg |
| 86-74-8 | Carbazole | 11000 | U | 11000 | 29200 | 120000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 10000 | U | 10000 | 15000 | 59000 | ug/Kg |
| 206-44-0 | Fluoranthene | 7100 | U | 7100 | 29200 | 59000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062978.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7300 | U | 7300 | 15000 | 59000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 6100 | U | 6100 | 15000 | 59000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 24000 | U | 24000 | 29200 | 120000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 9100 | U | 9100 | 15000 | 59000 | ug/Kg |
| 218-01-9 | Chrysene | 7700 | U | 7700 | 15000 | 59000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 6700 | U | 6700 | 15000 | 59000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 15000 | U | 15000 | 29200 | 120000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 9900 | U | 9900 | 15000 | 59000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 12000 | U | 12000 | 15000 | 59000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 9100 | U | 9100 | 15000 | 59000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 11000 | U | 11000 | 15000 | 59000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 21000 | U | 21000 | 15000 | 59000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 12.49 | | 20-120 | | 31 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 22.16 | | 10-130 | | 55 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 18.81 | | 10-150 | | 47 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 19.67 | | 15-120 | | 49 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 20.63 | | 10-140 | | 52 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 24.81 | | 10-135 | | 62 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 20.96 | | 10-120 | | 52 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 21.43 | | 10-140 | | 54 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 22.13 | | 1-145 | | 55 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 22.47 | | 10-145 | | 56 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 20.85 | | 15-120 | | 52 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.63 | | 20-140 | | 59 | SPK: -40 |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC90MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-17MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.9 |
| Sample Wt/Vol: | 1.02 | 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 |
|---|---|---|---|---|
| BG062978.D | 10 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 23.16 | | 10-150 | | 58 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.86 | | 10-130 | | 52 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 22.69 | | 10-140 | | 57 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 37323 | 7.847 | | | | |
| 1146-65-2 | Naphthalene-d8 | 149323 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 126076 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 303530 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 324478 | 21.484 | | | | |
| 1520-96-3 | Perylene-d12 | 382157 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 1010309-37-4 | Oxalic acid, isobutyl nonyl ester | 76000 | JD | | | 7.483 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 27000 | JD | | | 8.276 | |
| | (DEL) Alkane: Straight-Chain9.081 | 54000 | JD | | | 9.081 | |
| E966796 | Total Alkanes | 54000 | D | | | 99 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062979.D | 5 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 5600 | U | 5600 | 1200 | 12000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 13000 | U | 13000 | 14800 | 60000 | ug/Kg |
| 110-86-1 | Pyridine | 21000 | U | 21000 | 29600 | 60000 | ug/Kg |
| 108-95-2 | Phenol | 9000 | U | 9000 | 14800 | 60000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 11000 | U | 11000 | 14800 | 60000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 9000 | U | 9000 | 7600 | 30000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 7200 | U | 7200 | 14800 | 60000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 12000 | U | 12000 | 14800 | 60000 | ug/Kg |
| 98-86-2 | Acetophenone | 9000 | U | 9000 | 14800 | 60000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 9000 | U | 9000 | 14800 | 60000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 13000 | U | 13000 | 7600 | 30000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 10000 | U | 10000 | 7600 | 30000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 11000 | U | 11000 | 7600 | 30000 | ug/Kg |
| 78-59-1 | Isophorone | 6600 | U | 6600 | 7600 | 30000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 5200 | U | 5200 | 7600 | 30000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 3500 | U | 3500 | 7600 | 30000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 5800 | U | 5800 | 7600 | 30000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 4500 | U | 4500 | 7600 | 30000 | ug/Kg |
| 91-20-3 | Naphthalene | 3300 | U | 3300 | 7600 | 30000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 5400 | U | 5400 | 7600 | 60000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 7200 | U | 7200 | 7600 | 30000 | ug/Kg |
| 105-60-2 | Caprolactam | 12000 | U | 12000 | 14800 | 60000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 6600 | U | 6600 | 7600 | 30000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 3700 | U | 3700 | 7600 | 30000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 4500 | U | 4500 | 7600 | 30000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 16000 | U | 16000 | 14800 | 60000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 7200 | U | 7200 | 7600 | 30000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 5700 | U | 5700 | 7600 | 30000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062979.D | 5 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 5400 | U | 5400 | 7600 | 30000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 5100 | U | 5100 | 7600 | 30000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 9600 | U | 9600 | 7600 | 30000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 4900 | U | 4900 | 7600 | 30000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 9000 | U | 9000 | 7600 | 30000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 5200 | U | 5200 | 7600 | 30000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 7800 | U | 7800 | 14800 | 60000 | ug/Kg |
| 83-32-9 | Acenaphthene | 4700 | U | 4700 | 7600 | 30000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 22000 | U | 22000 | 14800 | 60000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 9600 | U | 9600 | 14800 | 60000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 4700 | U | 4700 | 7600 | 30000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 5700 | U | 5700 | 7600 | 30000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 10000 | U | 10000 | 7600 | 30000 | ug/Kg |
| 86-73-7 | Fluorene | 10000 | U | 10000 | 7600 | 30000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 7200 | U | 7200 | 7600 | 30000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 7200 | U | 7200 | 14800 | 60000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 15000 | U | 15000 | 14800 | 60000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 17000 | U | 17000 | 7600 | 30000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5300 | U | 5300 | 7600 | 30000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 11000 | U | 11000 | 7600 | 30000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 13000 | U | 13000 | 7600 | 30000 | ug/Kg |
| 1912-24-9 | Atrazine | 13000 | U | 13000 | 14800 | 60000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 430000 | D | 20000 | 14800 | 60000 | ug/Kg |
| 85-01-8 | Phenanthrene | 4100 | U | 4100 | 7600 | 30000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 13000 | U | 13000 | 7600 | 30000 | ug/Kg |
| 120-12-7 | Anthracene | 3400 | U | 3400 | 7600 | 30000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 13000 | U | 13000 | 7600 | 30000 | ug/Kg |
| 86-74-8 | Carbazole | 5700 | U | 5700 | 14800 | 60000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 5100 | U | 5100 | 7600 | 30000 | ug/Kg |
| 206-44-0 | Fluoranthene | 3600 | U | 3600 | 14800 | 30000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062979.D | 5 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 3700 | U | 3700 | 7600 | 30000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 3100 | U | 3100 | 7600 | 30000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 12000 | U | 12000 | 14800 | 60000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 4600 | U | 4600 | 7600 | 30000 | ug/Kg |
| 218-01-9 | Chrysene | 3900 | U | 3900 | 7600 | 30000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3400 | U | 3400 | 7600 | 30000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 7800 | U | 7800 | 14800 | 60000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 5800 | U | 5800 | 7600 | 30000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 5000 | U | 5000 | 7600 | 30000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 5900 | U | 5900 | 7600 | 30000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 5600 | U | 5600 | 7600 | 30000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 4600 | U | 4600 | 7600 | 30000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 5400 | U | 5400 | 7600 | 30000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 30000 | D | 11000 | 7600 | 30000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 2.625 | | 15-120 | | 33 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 11.33 | | 20-120 | | 28 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.47 | | 10-130 | | 46 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 18.99 | | 10-150 | | 47 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 17.95 | | 15-120 | | 45 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.855 | | 10-140 | | 47 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.195 | | 10-135 | | 40 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 18.345 | | 10-120 | | 46 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.23 | | 10-140 | | 48 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.025 | | 1-145 | | 45 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 19.805 | | 10-145 | | 50 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 19.36 | | 15-120 | | 48 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 12.21 | | 10-150 | | 31 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 21.39 | | 20-140 | | 53 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC14MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-03MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 19.5 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062979.D | 5 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 11.235 | | 10-130 | | 28 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 20.715 | | 10-150 | | 52 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 19.76 | | 10-130 | | 49 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 20.745 | | 10-140 | | 52 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 40145 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 164664 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 134644 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 315801 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 353978 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 423203 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain7.482 | 49000 | JD | | | 7.482 | |
| 000104-76-7 | 1-Hexanol, 2-ethyl- | 26000 | JD | | | 7.923 | |
| | unknown-01 | 12000 | JD | | | 8.076 | |
| | (DEL) Alkane: Straight-Chain9.080 | 39000 | JD | | | 9.08 | |
| 006413-83-8 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 16000 | JD | | | 11.019 | |
| 000106-27-4 | Butanoic acid, 3-methylbutyl ester | 19000 | JD | | | 12.318 | |
| | (DEL) Alkane: Straight-Chain14.392 | 12000 | JD | | | 14.392 | |
| E966796 | Total Alkanes | 100000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062980.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 23000 | U | 23000 | 4900 | 49000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 51000 | U | 51000 | 60700 | 250000 | ug/Kg |
| 110-86-1 | Pyridine | 86000 | U | 86000 | 121300 | 250000 | ug/Kg |
| 108-95-2 | Phenol | 37000 | U | 37000 | 60700 | 250000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 47000 | U | 47000 | 60700 | 250000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 37000 | U | 37000 | 31300 | 120000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 29000 | U | 29000 | 60700 | 250000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 49000 | U | 49000 | 60700 | 250000 | ug/Kg |
| 98-86-2 | Acetophenone | 37000 | U | 37000 | 60700 | 250000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 37000 | U | 37000 | 60700 | 250000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 51000 | U | 51000 | 31300 | 120000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 42000 | U | 42000 | 31300 | 120000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 44000 | U | 44000 | 31300 | 120000 | ug/Kg |
| 78-59-1 | Isophorone | 27000 | U | 27000 | 31300 | 120000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 21000 | U | 21000 | 31300 | 120000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 14000 | U | 14000 | 31300 | 120000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 24000 | U | 24000 | 31300 | 120000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 18000 | U | 18000 | 31300 | 120000 | ug/Kg |
| 91-20-3 | Naphthalene | 14000 | U | 14000 | 31300 | 120000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 22000 | U | 22000 | 31300 | 250000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 29000 | U | 29000 | 31300 | 120000 | ug/Kg |
| 105-60-2 | Caprolactam | 49000 | U | 49000 | 60700 | 250000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 27000 | U | 27000 | 31300 | 120000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 15000 | U | 15000 | 31300 | 120000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 19000 | U | 19000 | 31300 | 120000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 64000 | U | 64000 | 60700 | 250000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 29000 | U | 29000 | 31300 | 120000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 24000 | U | 24000 | 31300 | 120000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062980.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 22000 | U | 22000 | 31300 | 120000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 21000 | U | 21000 | 31300 | 120000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 39000 | U | 39000 | 31300 | 120000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 20000 | U | 20000 | 31300 | 120000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 37000 | U | 37000 | 31300 | 120000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 21000 | U | 21000 | 31300 | 120000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 32000 | U | 32000 | 60700 | 250000 | ug/Kg |
| 83-32-9 | Acenaphthene | 19000 | U | 19000 | 31300 | 120000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 88000 | U | 88000 | 60700 | 250000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 39000 | U | 39000 | 60700 | 250000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 19000 | U | 19000 | 31300 | 120000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 24000 | U | 24000 | 31300 | 120000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 42000 | U | 42000 | 31300 | 120000 | ug/Kg |
| 86-73-7 | Fluorene | 42000 | U | 42000 | 31300 | 120000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 29000 | U | 29000 | 31300 | 120000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 29000 | U | 29000 | 60700 | 250000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 61000 | U | 61000 | 60700 | 250000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 69000 | U | 69000 | 31300 | 120000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 22000 | U | 22000 | 31300 | 120000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 47000 | U | 47000 | 31300 | 120000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 54000 | U | 54000 | 31300 | 120000 | ug/Kg |
| 1912-24-9 | Atrazine | 51000 | U | 51000 | 60700 | 250000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 830000 | D | 81000 | 60700 | 250000 | ug/Kg |
| 85-01-8 | Phenanthrene | 17000 | U | 17000 | 31300 | 120000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 51000 | U | 51000 | 31300 | 120000 | ug/Kg |
| 120-12-7 | Anthracene | 14000 | U | 14000 | 31300 | 120000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 54000 | U | 54000 | 31300 | 120000 | ug/Kg |
| 86-74-8 | Carbazole | 23000 | U | 23000 | 60700 | 250000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 21000 | U | 21000 | 31300 | 120000 | ug/Kg |
| 206-44-0 | Fluoranthene | 15000 | U | 15000 | 60700 | 120000 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062980.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 15000 | U | 15000 | 31300 | 120000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 13000 | U | 13000 | 31300 | 120000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 49000 | U | 49000 | 60700 | 250000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 19000 | U | 19000 | 31300 | 120000 | ug/Kg |
| 218-01-9 | Chrysene | 16000 | U | 16000 | 31300 | 120000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 14000 | U | 14000 | 31300 | 120000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 32000 | U | 32000 | 60700 | 250000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 24000 | U | 24000 | 31300 | 120000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 21000 | U | 21000 | 31300 | 120000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 24000 | U | 24000 | 31300 | 120000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 23000 | U | 23000 | 31300 | 120000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 19000 | U | 19000 | 31300 | 120000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 22000 | U | 22000 | 31300 | 120000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 65000 | JD | 44000 | 31300 | 120000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 18.46 | | 10-130 | | 46 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 19.92 | | 10-150 | | 50 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 20.34 | | 15-120 | | 51 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 18.46 | | 10-140 | | 46 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 16.16 | | 10-135 | | 40 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 24.46 | | 10-120 | | 61 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 19.72 | | 10-140 | | 49 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 18.48 | | 1-145 | | 46 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 20.46 | | 10-145 | | 51 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 19.46 | | 15-120 | | 49 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 23.86 | | 20-140 | | 60 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC59MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-20MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 22.3 |
| Sample Wt/Vol: | 1.05 | 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 |
|---|---|---|---|---|
| BG062980.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 21.48 | | 10-150 | | 54 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 20.26 | | 10-130 | | 51 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 19.94 | | 10-140 | | 50 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 35377 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 142530 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 116742 | 14.491 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 287479 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 312593 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 371180 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | unknown-01 | 52000 | JD | | | 5.884 | |
| | unknown-02 | 66000 | JD | | | 7.018 | |
| 1000382-90-5 | Carbonic acid, decyl prop-1-en-2-y | 180000 | JD | | | 7.482 | |
| | unknown-03 | 51000 | JD | | | 7.917 | |
| | unknown-04 | 54000 | JD | | | 8.957 | |
| | (DEL) Alkane: Straight-Chain9.086 | 120000 | JD | | | 9.086 | |
| E966796 | Total Alkanes | 120000 | D | | | 99 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062981.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 22000 | U | 22000 | 4500 | 46000 | ug/Kg |
| 110-86-1 | Pyridine | 80000 | U | 80000 | 113500 | 230000 | ug/Kg |
| 100-52-7 | Benzaldehyde | 48000 | U | 48000 | 56700 | 230000 | ug/Kg |
| 108-95-2 | Phenol | 34000 | U | 34000 | 56700 | 230000 | ug/Kg |
| 111-44-4 | Bis(2-Chloroethyl)ether | 44000 | U | 44000 | 56700 | 230000 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 34000 | U | 34000 | 29200 | 110000 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 28000 | U | 28000 | 56700 | 230000 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 46000 | U | 46000 | 56700 | 230000 | ug/Kg |
| 98-86-2 | Acetophenone | 34000 | U | 34000 | 56700 | 230000 | ug/Kg |
| 106-44-5 | 4-Methylphenol | 34000 | U | 34000 | 56700 | 230000 | ug/Kg |
| 621-64-7 | N-Nitroso-di-n-propylamine | 48000 | U | 48000 | 29200 | 110000 | ug/Kg |
| 67-72-1 | Hexachloroethane | 39000 | U | 39000 | 29200 | 110000 | ug/Kg |
| 98-95-3 | Nitrobenzene | 41000 | U | 41000 | 29200 | 110000 | ug/Kg |
| 78-59-1 | Isophorone | 25000 | U | 25000 | 29200 | 110000 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 20000 | U | 20000 | 29200 | 110000 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 14000 | U | 14000 | 29200 | 110000 | ug/Kg |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 22000 | U | 22000 | 29200 | 110000 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 17000 | U | 17000 | 29200 | 110000 | ug/Kg |
| 91-20-3 | Naphthalene | 13000 | U | 13000 | 29200 | 110000 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 21000 | U | 21000 | 29200 | 230000 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 28000 | U | 28000 | 29200 | 110000 | ug/Kg |
| 105-60-2 | Caprolactam | 46000 | U | 46000 | 56700 | 230000 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 25000 | U | 25000 | 29200 | 110000 | ug/Kg |
| 90-12-0 | 1-Methylnaphthalene | 14000 | U | 14000 | 29200 | 110000 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 17000 | U | 17000 | 29200 | 110000 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 60000 | U | 60000 | 56700 | 230000 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 28000 | U | 28000 | 29200 | 110000 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 22000 | U | 22000 | 29200 | 110000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062981.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 21000 | U | 21000 | 29200 | 110000 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 19000 | U | 19000 | 29200 | 110000 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 37000 | U | 37000 | 29200 | 110000 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 19000 | U | 19000 | 29200 | 110000 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 34000 | U | 34000 | 29200 | 110000 | ug/Kg |
| 208-96-8 | Acenaphthylene | 20000 | U | 20000 | 29200 | 110000 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 30000 | U | 30000 | 56700 | 230000 | ug/Kg |
| 83-32-9 | Acenaphthene | 18000 | U | 18000 | 29200 | 110000 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 83000 | U | 83000 | 56700 | 230000 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 37000 | U | 37000 | 56700 | 230000 | ug/Kg |
| 132-64-9 | Dibenzofuran | 18000 | U | 18000 | 29200 | 110000 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 22000 | U | 22000 | 29200 | 110000 | ug/Kg |
| 84-66-2 | Diethylphthalate | 39000 | U | 39000 | 29200 | 110000 | ug/Kg |
| 86-73-7 | Fluorene | 39000 | U | 39000 | 29200 | 110000 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 28000 | U | 28000 | 29200 | 110000 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 28000 | U | 28000 | 56700 | 230000 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 57000 | U | 57000 | 56700 | 230000 | ug/Kg |
| 86-30-6 | N-Nitrosodiphenylamine | 64000 | U | 64000 | 29200 | 110000 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 20000 | U | 20000 | 29200 | 110000 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 44000 | U | 44000 | 29200 | 110000 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 50000 | U | 50000 | 29200 | 110000 | ug/Kg |
| 1912-24-9 | Atrazine | 48000 | U | 48000 | 56700 | 230000 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 1100000 | D | 76000 | 56700 | 230000 | ug/Kg |
| 85-01-8 | Phenanthrene | 16000 | U | 16000 | 29200 | 110000 | ug/Kg |
| 608-93-5 | Pentachlorobenzene | 48000 | U | 48000 | 29200 | 110000 | ug/Kg |
| 120-12-7 | Anthracene | 13000 | U | 13000 | 29200 | 110000 | ug/Kg |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 50000 | U | 50000 | 29200 | 110000 | ug/Kg |
| 86-74-8 | Carbazole | 22000 | U | 22000 | 56700 | 230000 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 19000 | U | 19000 | 29200 | 110000 | ug/Kg |
| 206-44-0 | Fluoranthene | 14000 | U | 14000 | 56700 | 110000 | ug/Kg |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062981.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 14000 | U | 14000 | 29200 | 110000 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 12000 | U | 12000 | 29200 | 110000 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 46000 | U | 46000 | 56700 | 230000 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 18000 | U | 18000 | 29200 | 110000 | ug/Kg |
| 218-01-9 | Chrysene | 15000 | U | 15000 | 29200 | 110000 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 13000 | U | 13000 | 29200 | 110000 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 30000 | U | 30000 | 56700 | 230000 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 22000 | U | 22000 | 29200 | 110000 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 19000 | U | 19000 | 29200 | 110000 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 23000 | U | 23000 | 29200 | 110000 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 21000 | U | 21000 | 29200 | 110000 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 18000 | U | 18000 | 29200 | 110000 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 21000 | U | 21000 | 29200 | 110000 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 80000 | JD | 41000 | 29200 | 110000 | ug/Kg |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 34.56 | | 10-130 | | 86 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 41.1 | | 10-150 | | 103 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 37.72 | | 15-120 | | 94 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 35.34 | | 10-140 | | 88 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 38.6 | | 10-135 | | 96 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 35.28 | | 10-120 | | 88 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 32.56 | | 10-140 | | 81 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 34.24 | | 1-145 | | 86 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 38.12 | | 10-145 | | 95 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 41.04 | | 15-120 | | 103 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 41.24 | | 20-140 | | 103 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/5/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/5/2024 12:00:00 AM |
| Client Sample ID: | DDC60MEDL | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3898-09MEDL | | | Matrix: | Solid |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 16.1 |
| Sample Wt/Vol: | 1.04 | 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 |
|---|---|---|---|---|
| BG062981.D | 20 | 9/16/2024 12:00:00 AM | 9/20/2024 12:00:00 AM | PB163429 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 39.42 | | 10-150 | | 99 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 37.58 | | 10-130 | | 94 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 38.58 | | 10-140 | | 96 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 36978 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 152865 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 119810 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 290710 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 310067 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 371919 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain5.884 | 72000 | JD | | | 5.884 | |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 47000 | JD | | | 6.947 | |
| | (DEL) Alkane: Straight-Chain7.488 | 280000 | JD | | | 7.488 | |
| 000873-94-9 | Cyclohexanone, 3,3,5-trimethyl- | 120000 | JD | | | 8.281 | |
| | unknown-01 | 56000 | JD | | | 8.393 | |
| 1010309-37-4 | Oxalic acid, isobutyl nonyl ester | 48000 | JD | | | 8.622 | |
| | unknown-02 | 50000 | JD | | | 8.845 | |
| 019218-94-1 | Tetradecane, 1-iodo- | 220000 | JD | | | 9.086 | |
| | (DEL) Alkane: Straight-Chain13.317 | 52000 | JD | | | 13.317 | |
| | (DEL) Alkane: Straight-Chain14.392 | 65000 | JD | | | 14.392 | |
| 1000309-19-0 | Sulfurous acid, 2-ethylhexyl isohe | 51000 | JD | | | 15.344 | |
| | (DEL) Alkane: Straight-Chain16.207 | 52000 | JD | | | 16.207 | |
| E966796 | Total Alkanes | 520000 | D | | | 99 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | AR1660-50PPM | | | SDG No.: | BG091824 |
| Lab Sample ID: | AR1660-50PPM | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062982.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 500 | 2000 | ug/L |
| 100-52-7 | Benzaldehyde | 2300 | U | 2300 | 5000 | 10000 | ug/L |
| 110-86-1 | Pyridine | 2200 | U | 2200 | 10000 | 10000 | ug/L |
| 108-95-2 | Phenol | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1300 | U | 1300 | 5000 | 10000 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 95-48-7 | 2-Methylphenol | 820 | U | 820 | 5000 | 10000 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 98-86-2 | Acetophenone | 890 | U | 890 | 5000 | 10000 | ug/L |
| 106-44-5 | 4-Methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 67-72-1 | Hexachloroethane | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 98-95-3 | Nitrobenzene | 990 | U | 990 | 2500 | 5000 | ug/L |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 930 | U | 930 | 2500 | 5000 | ug/L |
| 91-20-3 | Naphthalene | 700 | U | 700 | 2500 | 5000 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1800 | U | 1800 | 2500 | 10000 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 980 | U | 980 | 2500 | 5000 | ug/L |
| 105-60-2 | Caprolactam | 2900 | U | 2900 | 5000 | 10000 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2000 | U | 2000 | 2500 | 5000 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1600 | U | 1600 | 2500 | 5000 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 5000 | 10000 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 810 | U | 810 | 2500 | 5000 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 800 | U | 800 | 2500 | 5000 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | AR1660-50PPM | | | SDG No.: | BG091824 |
| Lab Sample ID: | AR1660-50PPM | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062982.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 990 | U | 990 | 2500 | 5000 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1700 | U | 1700 | 2500 | 5000 | ug/L |
| 131-11-3 | Dimethylphthalate | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 83-32-9 | Acenaphthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2800 | U | 2800 | 5000 | 10000 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1400 | U | 1400 | 5000 | 10000 | ug/L |
| 132-64-9 | Dibenzofuran | 870 | U | 870 | 2500 | 5000 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 84-66-2 | Diethylphthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 86-73-7 | Fluorene | 870 | U | 870 | 2500 | 5000 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 960 | U | 960 | 2500 | 5000 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 710 | U | 710 | 2500 | 5000 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 900 | U | 900 | 2500 | 5000 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 118-74-1 | Hexachlorobenzene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 1912-24-9 | Atrazine | 960 | U | 960 | 5000 | 10000 | ug/L |
| 87-86-5 | Pentachlorophenol | 2500 | U | 2500 | 5000 | 10000 | ug/L |
| 85-01-8 | Phenanthrene | 970 | U | 970 | 2500 | 5000 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-12-7 | Anthracene | 720 | U | 720 | 2500 | 5000 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 920 | U | 920 | 2500 | 5000 | ug/L |
| 86-74-8 | Carbazole | 1000 | U | 1000 | 5000 | 10000 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 810 | U | 810 | 2500 | 5000 | ug/L |
| 206-44-0 | Fluoranthene | 650 | U | 650 | 5000 | 5000 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | AR1660-50PPM | | | SDG No.: | BG091824 |
| Lab Sample ID: | AR1660-50PPM | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062982.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 530 | U | 530 | 2500 | 5000 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 970 | U | 970 | 2500 | 5000 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1700 | U | 1700 | 5000 | 10000 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 218-01-9 | Chrysene | 750 | U | 750 | 2500 | 5000 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.022 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 25-120 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 25-125 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 20-125 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 20-120 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-146 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 25-125 | | 0 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | AR1660-50PPM | | | SDG No.: | BG091824 |
| Lab Sample ID: | AR1660-50PPM | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062982.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 15-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 20-130 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 40853 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 167279 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 126110 | 14.485 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 309509 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 348822 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 407086 | 24.527 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Cyclic3.163 | 4100 | J | | | 3.163 | |
| | (DEL) Alkane: Straight-Chain3.252 | 17000 | J | | | 3.252 | |
| 002050-67-1 | 1,1-Biphenyl, 3,3-dichloro- | 2600 | J | | | 16.465 | |
| 007012-37-5 | 1,1-Biphenyl, 2,4,4-trichloro- | 3400 | J | | | 17.118 | |
| 038444-73-4 | 1,1-Biphenyl, 2,2,6-trichloro- | 2000 | J | | | 17.411 | |
| 055702-46-0 | 1,1-Biphenyl, 2,3,4-trichloro- | 5800 | J | | | 17.834 | |
| 053555-66-1 | 3,4,5-Trichloro-1,1-biphenyl | 2600 | J | | | 17.964 | |
| 074472-41-6 | 2,2,3,4,5,6-Hexachloro-1,1-bip | 2100 | J | | | 20.149 | |
| 074472-43-8 | 2,3,3,4,5,6-Hexachloro-1,1-biph | 2300 | J | | | 20.426 | |
| E966796 | Total Alkanes | 21000 | | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | SBLK407 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163407BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062983.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 500 | 2000 | ug/L |
| 100-52-7 | Benzaldehyde | 2300 | U | 2300 | 5000 | 10000 | ug/L |
| 110-86-1 | Pyridine | 2200 | U | 2200 | 10000 | 10000 | ug/L |
| 108-95-2 | Phenol | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1300 | U | 1300 | 5000 | 10000 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 95-48-7 | 2-Methylphenol | 820 | U | 820 | 5000 | 10000 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 98-86-2 | Acetophenone | 890 | U | 890 | 5000 | 10000 | ug/L |
| 106-44-5 | 4-Methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 67-72-1 | Hexachloroethane | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 98-95-3 | Nitrobenzene | 990 | U | 990 | 2500 | 5000 | ug/L |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 930 | U | 930 | 2500 | 5000 | ug/L |
| 91-20-3 | Naphthalene | 700 | U | 700 | 2500 | 5000 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1800 | U | 1800 | 2500 | 10000 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 980 | U | 980 | 2500 | 5000 | ug/L |
| 105-60-2 | Caprolactam | 2900 | U | 2900 | 5000 | 10000 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2000 | U | 2000 | 2500 | 5000 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1600 | U | 1600 | 2500 | 5000 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 5000 | 10000 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 810 | U | 810 | 2500 | 5000 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 800 | U | 800 | 2500 | 5000 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | SBLK407 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163407BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062983.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 990 | U | 990 | 2500 | 5000 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1700 | U | 1700 | 2500 | 5000 | ug/L |
| 131-11-3 | Dimethylphthalate | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 83-32-9 | Acenaphthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2800 | U | 2800 | 5000 | 10000 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1400 | U | 1400 | 5000 | 10000 | ug/L |
| 132-64-9 | Dibenzofuran | 870 | U | 870 | 2500 | 5000 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 84-66-2 | Diethylphthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 86-73-7 | Fluorene | 870 | U | 870 | 2500 | 5000 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 960 | U | 960 | 2500 | 5000 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 710 | U | 710 | 2500 | 5000 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 900 | U | 900 | 2500 | 5000 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 118-74-1 | Hexachlorobenzene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 1912-24-9 | Atrazine | 960 | U | 960 | 5000 | 10000 | ug/L |
| 87-86-5 | Pentachlorophenol | 2500 | U | 2500 | 5000 | 10000 | ug/L |
| 85-01-8 | Phenanthrene | 970 | U | 970 | 2500 | 5000 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-12-7 | Anthracene | 720 | U | 720 | 2500 | 5000 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 920 | U | 920 | 2500 | 5000 | ug/L |
| 86-74-8 | Carbazole | 1000 | U | 1000 | 5000 | 10000 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 810 | U | 810 | 2500 | 5000 | ug/L |
| 206-44-0 | Fluoranthene | 650 | U | 650 | 5000 | 5000 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | SBLK407 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163407BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062983.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 530 | U | 530 | 2500 | 5000 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 970 | U | 970 | 2500 | 5000 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1700 | U | 1700 | 5000 | 10000 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 218-01-9 | Chrysene | 750 | U | 750 | 2500 | 5000 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.022 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 25-120 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 25-125 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 20-125 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 20-120 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-146 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 25-125 | | 0 | SPK: -40 |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | |
| Project: | | | | Date Received: | |
| Client Sample ID: | SBLK407 | | | SDG No.: | BG091824 |
| Lab Sample ID: | PB163407BL | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062983.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 15-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 20-130 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 40467 | 7.849 | | | | |
| 1146-65-2 | Naphthalene-d8 | 155931 | 10.64 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 124708 | 14.488 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 305384 | 17.238 | | | | |
| 1719-03-5 | Chrysene-d12 | 327252 | 21.486 | | | | |
| 1520-96-3 | Perylene-d12 | 383154 | 24.53 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Straight-Chain3.160 | 3200 | J | | | 3.16 | |
| | (DEL) Alkane: Cyclic3.207 | 2700 | J | | | 3.207 | |
| | (DEL) Alkane: Straight-Chain3.249 | 14000 | J | | | 3.249 | |
| E966796 | Total Alkanes | 20000 | | | | 99 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BC9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062984.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 500 | 2000 | ug/L |
| 100-52-7 | Benzaldehyde | 2300 | U | 2300 | 5000 | 10000 | ug/L |
| 110-86-1 | Pyridine | 2200 | U | 2200 | 10000 | 10000 | ug/L |
| 108-95-2 | Phenol | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1300 | U | 1300 | 5000 | 10000 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 95-48-7 | 2-Methylphenol | 820 | U | 820 | 5000 | 10000 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 98-86-2 | Acetophenone | 890 | U | 890 | 5000 | 10000 | ug/L |
| 106-44-5 | 4-Methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 67-72-1 | Hexachloroethane | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 98-95-3 | Nitrobenzene | 990 | U | 990 | 2500 | 5000 | ug/L |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 930 | U | 930 | 2500 | 5000 | ug/L |
| 91-20-3 | Naphthalene | 700 | U | 700 | 2500 | 5000 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1800 | U | 1800 | 2500 | 10000 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 980 | U | 980 | 2500 | 5000 | ug/L |
| 105-60-2 | Caprolactam | 2900 | U | 2900 | 5000 | 10000 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2000 | U | 2000 | 2500 | 5000 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1600 | U | 1600 | 2500 | 5000 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 5000 | 10000 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 810 | U | 810 | 2500 | 5000 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 800 | U | 800 | 2500 | 5000 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BC9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062984.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 990 | U | 990 | 2500 | 5000 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1700 | U | 1700 | 2500 | 5000 | ug/L |
| 131-11-3 | Dimethylphthalate | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 83-32-9 | Acenaphthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2800 | U | 2800 | 5000 | 10000 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1400 | U | 1400 | 5000 | 10000 | ug/L |
| 132-64-9 | Dibenzofuran | 870 | U | 870 | 2500 | 5000 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 84-66-2 | Diethylphthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 86-73-7 | Fluorene | 870 | U | 870 | 2500 | 5000 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 960 | U | 960 | 2500 | 5000 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 710 | U | 710 | 2500 | 5000 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 900 | U | 900 | 2500 | 5000 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 118-74-1 | Hexachlorobenzene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 1912-24-9 | Atrazine | 960 | U | 960 | 5000 | 10000 | ug/L |
| 87-86-5 | Pentachlorophenol | 2500 | U | 2500 | 5000 | 10000 | ug/L |
| 85-01-8 | Phenanthrene | 4100 | J | 970 | 2500 | 5000 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-12-7 | Anthracene | 720 | U | 720 | 2500 | 5000 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 920 | U | 920 | 2500 | 5000 | ug/L |
| 86-74-8 | Carbazole | 1000 | U | 1000 | 5000 | 10000 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 810 | U | 810 | 2500 | 5000 | ug/L |
| 206-44-0 | Fluoranthene | 4900 | J | 650 | 5000 | 5000 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BC9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062984.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 2100 | J | 530 | 2500 | 5000 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 970 | U | 970 | 2500 | 5000 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1700 | U | 1700 | 5000 | 10000 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 1700 | J | 560 | 2500 | 5000 | ug/L |
| 218-01-9 | Chrysene | 2100 | J | 750 | 2500 | 5000 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 2200 | J | 1100 | 2500 | 5000 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1200 | J | 1100 | 2500 | 5000 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.022 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 25-120 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 25-125 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 20-125 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 20-120 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-146 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 25-125 | | 0 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BC9 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-01 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062984.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 15-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 20-130 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 39570 | 7.853 | | | | |
| 1146-65-2 | Naphthalene-d8 | 161469 | 10.644 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 128855 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 301850 | 17.236 | | | | |
| 1719-03-5 | Chrysene-d12 | 328716 | 21.484 | | | | |
| 1520-96-3 | Perylene-d12 | 286452 | 24.528 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| | (DEL) Alkane: Cyclic3.164 | 6300 | J | | | 3.164 | |
| | (DEL) Alkane: Cyclic3.194 | 3600 | J | | | 3.194 | |
| | (DEL) Alkane: Cyclic3.211 | 5800 | J | | | 3.211 | |
| | (DEL) Alkane: Straight-Chain3.252 | 36000 | J | | | 3.252 | |
| 002381-21-7 | Pyrene, 1-methyl- | 2600 | J | | | 20.15 | |
| E966796 | Total Alkanes | 52000 | | | | 99 | ug/L |

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# Report of Analysis

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|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BD0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062985.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 123-91-1 | 1,4-Dioxane | 1200 | U | 1200 | 500 | 2000 | ug/L |
| 100-52-7 | Benzaldehyde | 2300 | U | 2300 | 5000 | 10000 | ug/L |
| 110-86-1 | Pyridine | 2200 | U | 2200 | 10000 | 10000 | ug/L |
| 108-95-2 | Phenol | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 111-44-4 | Bis(2-Chloroethyl)ether | 1300 | U | 1300 | 5000 | 10000 | ug/L |
| 95-57-8 | 2-Chlorophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 95-48-7 | 2-Methylphenol | 820 | U | 820 | 5000 | 10000 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 98-86-2 | Acetophenone | 890 | U | 890 | 5000 | 10000 | ug/L |
| 106-44-5 | 4-Methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 621-64-7 | N-Nitroso-di-n-propylamine | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 67-72-1 | Hexachloroethane | 1500 | U | 1500 | 2500 | 5000 | ug/L |
| 98-95-3 | Nitrobenzene | 990 | U | 990 | 2500 | 5000 | ug/L |
| 78-59-1 | Isophorone | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 930 | U | 930 | 2500 | 5000 | ug/L |
| 91-20-3 | Naphthalene | 700 | U | 700 | 2500 | 5000 | ug/L |
| 106-47-8 | 4-Chloroaniline | 1800 | U | 1800 | 2500 | 10000 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 980 | U | 980 | 2500 | 5000 | ug/L |
| 105-60-2 | Caprolactam | 2900 | U | 2900 | 5000 | 10000 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 2000 | U | 2000 | 2500 | 5000 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 1600 | U | 1600 | 2500 | 5000 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3100 | U | 3100 | 5000 | 10000 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 810 | U | 810 | 2500 | 5000 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 800 | U | 800 | 2500 | 5000 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BD0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062985.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 92-52-4 | 1,1-Biphenyl | 990 | U | 990 | 2500 | 5000 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1700 | U | 1700 | 2500 | 5000 | ug/L |
| 131-11-3 | Dimethylphthalate | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | 1300 | 2500 | 5000 | ug/L |
| 208-96-8 | Acenaphthylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 83-32-9 | Acenaphthene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 2800 | U | 2800 | 5000 | 10000 | ug/L |
| 100-02-7 | 4-Nitrophenol | 1400 | U | 1400 | 5000 | 10000 | ug/L |
| 132-64-9 | Dibenzofuran | 870 | U | 870 | 2500 | 5000 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 84-66-2 | Diethylphthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 86-73-7 | Fluorene | 2400 | J | 870 | 2500 | 5000 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 960 | U | 960 | 2500 | 5000 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1200 | U | 1200 | 5000 | 10000 | ug/L |
| 86-30-6 | N-Nitrosodiphenylamine | 710 | U | 710 | 2500 | 5000 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 900 | U | 900 | 2500 | 5000 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 118-74-1 | Hexachlorobenzene | 560 | U | 560 | 2500 | 5000 | ug/L |
| 1912-24-9 | Atrazine | 960 | U | 960 | 5000 | 10000 | ug/L |
| 87-86-5 | Pentachlorophenol | 2500 | U | 2500 | 5000 | 10000 | ug/L |
| 85-01-8 | Phenanthrene | 17000 | | 970 | 2500 | 5000 | ug/L |
| 608-93-5 | Pentachlorobenzene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 120-12-7 | Anthracene | 720 | U | 720 | 2500 | 5000 | ug/L |
| 634-66-2 | 1,2,3,4-Tetrachlorobenzene | 920 | U | 920 | 2500 | 5000 | ug/L |
| 86-74-8 | Carbazole | 1000 | U | 1000 | 5000 | 10000 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 810 | U | 810 | 2500 | 5000 | ug/L |
| 206-44-0 | Fluoranthene | 19000 | | 650 | 5000 | 5000 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BD0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062985.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 129-00-0 | Pyrene | 7000 | | 530 | 2500 | 5000 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 970 | U | 970 | 2500 | 5000 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 1700 | U | 1700 | 5000 | 10000 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 6000 | | 560 | 2500 | 5000 | ug/L |
| 218-01-9 | Chrysene | 7700 | | 750 | 2500 | 5000 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 870 | U | 870 | 2500 | 5000 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 1500 | U | 1500 | 5000 | 10000 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 4400 | J | 1100 | 2500 | 5000 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 1600 | J | 1100 | 2500 | 5000 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1400 | U | 1400 | 2500 | 5000 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 1200 | U | 1200 | 2500 | 5000 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 1100 | U | 1100 | 2500 | 5000 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1000 | U | 1000 | 2500 | 5000 | ug/L |
| **SURROGATES** | | | | | | | |
| 17647-74-4 | 1,4-Dioxane-d8 | 0 | U | 15-120 | | 0 | SPK: -8 |
| 7291-22-7 | Pyridine-d5 | 0.022 | U | 20-120 | | 0 | SPK: -40 |
| 4165-62-2 | Phenol-d5 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93952-02-4 | Bis-(2-Chloroethyl)ether-d8 | 0 | U | 25-120 | | 0 | SPK: -40 |
| 93951-73-6 | 2-Chlorophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 190780-66-6 | 4-Methylphenol-d8 | 0 | U | 25-125 | | 0 | SPK: -40 |
| 4165-60-0 | Nitrobenzene-d5 | 0 | U | 20-125 | | 0 | SPK: -40 |
| 93951-78-1 | 2-Nitrophenol-d4 | 0 | U | 20-130 | | 0 | SPK: -40 |
| 93951-74-7 | 2,4-Dichlorophenol-d3 | 0 | U | 20-120 | | 0 | SPK: -40 |
| 191656-33-4 | 4-Chloroaniline-d4 | 0 | U | 1-146 | | 0 | SPK: -40 |
| 85448-30-2 | Dimethylphthalate-d6 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 93951-97-4 | Acenaphthylene-d8 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 93951-79-2 | 4-Nitrophenol-d4 | 0 | U | 10-150 | | 0 | SPK: -40 |
| 81103-79-9 | Fluorene-d10 | 0 | U | 25-125 | | 0 | SPK: -40 |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | | | | Date Collected: | 9/10/2024 12:00:00 AM |
| Project: | | | | Date Received: | 9/10/2024 12:00:00 AM |
| Client Sample ID: | A0BD0 | | | SDG No.: | BG091824 |
| Lab Sample ID: | P3991-02 | | | Matrix: | Water |
| Analytical Method: | SFAM_SVOC | | | % Moisture: | 100 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000000 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 |
|---|---|---|---|---|
| BG062985.D | 1 | | 9/20/2024 12:00:00 AM | |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|
| 93951-76-9 | 4,6-Dinitro-2-methylphenol-d2 | 0 | U | 10-130 | | 0 | SPK: -40 |
| 1719-06-8 | Anthracene-d10 | 0 | U | 25-130 | | 0 | SPK: -40 |
| 1718-52-1 | Pyrene-d10 | 0 | U | 15-130 | | 0 | SPK: -40 |
| 63466-71-7 | Benzo(a)pyrene-d12 | 0 | U | 20-130 | | 0 | SPK: -40 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 41451 | 7.852 | | | | |
| 1146-65-2 | Naphthalene-d8 | 162507 | 10.643 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 127391 | 14.486 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 292307 | 17.235 | | | | |
| 1719-03-5 | Chrysene-d12 | 321870 | 21.489 | | | | |
| 1520-96-3 | Perylene-d12 | 387991 | 24.533 | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | |
| 036712-20-6 | Furan, 3-butyltetrahydro-2-methyl- | 6100 | J | | | 3.164 | |
| | (DEL) Alkane: Straight-Chain3.187 | 3600 | J | | | 3.187 | |
| | (DEL) Alkane: Cyclic3.216 | 6200 | J | | | 3.216 | |
| | (DEL) Alkane: Straight-Chain3.252 | 35000 | J | | | 3.252 | |
| 000832-69-9 | Phenanthrene, 1-methyl- | 4100 | J | | | 18.111 | |
| 004505-48-0 | 1H-Indene, 2-phenyl- | 5400 | J | | | 18.164 | |
| 000203-64-5 | 4H-Cyclopenta[def]phenanthrene | 6300 | J | | | 18.311 | |
| 001576-67-6 | Phenanthrene, 3,6-dimethyl- | 3100 | J | | | 19.039 | |
| 000238-84-6 | 11H-Benzo[a]fluorene | 5800 | J | | | 20.155 | |
| 000243-17-4 | 11H-Benzo[b]fluorene | 3200 | J | | | 20.255 | |
| E966796 | Total Alkanes | 45000 | | | | 99 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID : AR1660-50PPM** | | | | | | | | | |
| AR1660-50PPM | AR1660-50PPM | Water | (DEL) Alkane: Cyclic3.163 | * | 4,100.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | (DEL) Alkane: Straight-Chain3.25 | * | 17,000.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 1,1-Biphenyl, 2,2,6-trichloro- | * | 2,000.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 1,1-Biphenyl, 2,3,4-trichloro- | * | 5,800.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 1,1-Biphenyl, 2,4,4-trichloro- | * | 3,400.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 1,1-Biphenyl, 3,3-dichloro- | * | 2,600.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 2,2,3,4,5,6-Hexachloro-1,1-bip | * | 2,100.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 2,3,3,4,5,6-Hexachloro-1,1-biph | * | 2,300.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | 3,4,5-Trichloro-1,1-biphenyl | * | 2,600.000 | J | | | |
| AR1660-50PPM | AR1660-50PPM | Water | Total Alkanes | * | 21,000.000 | | 990 | 5000 | ug/L |
| | | | **Total Tics :** | | **62,900.00** | | | | |
| | | | **Total Concentration:** | | **62,900.00** | | | | |
| **Client ID : DCVX7ME** | | | | | | | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 3,800.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 8,100.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 7,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 7,400.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 6,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 6,300.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 3,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 11,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 5,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 12,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 9,400.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain7.78 | * | 4,100.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain8.04 | * | 4,100.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain8.33 | * | 8,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 13,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 9,200.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 40,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 1-Decanol, 2-hexyl- | * | 4,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 11-Octadecenoic acid, methyl este | * | 12,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 3,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 2-Bromo dodecane | * | 5,600.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 9,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 4-Methyl-3-heptanol, pentafluorop | * | 6,100.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | 4-Nonanone | * | 3,300.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3877-02ME | DCVX7ME | Solid | Benzene, 1,2,3-trimethyl- | * | 6,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 1,2,4,5-tetramethyl- | * | 8,600.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 5,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 7,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 11,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 1-methyl-4-propyl- | * | 6,800.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 5,600.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Benzophenone | * | 6,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Carbonic acid, prop-1-en-2-yl tetr | * | 55,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 12,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Naphthalene, 1,2-dimethyl- | * | 4,300.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 3,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Naphthalene, 1,6-dimethyl- | * | 7,000.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Naphthalene, 2,3-dimethyl- | * | 5,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Oxalic acid, hexadecyl propyl este | * | 8,800.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Pentadecanoic acid, methyl ester | * | 3,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Piperazine, 1,4-dimethyl- | * | 3,800.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Tridecanoic acid, methyl ester | * | 9,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | unknown-01 | * | 3,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | unknown-02 | * | 2,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | unknown-03 | * | 6,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | unknown-04 | * | 2,900.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | unknown-05 | * | 3,500.000 | J | | | |
| P3877-02ME | DCVX7ME | Solid | Total Alkanes | * | 160,000.000 | | 1200 | 6400 | ug/Kg |
| | | | **Total Tics :** | | **555,000.00** | | | | |
| P3877-02ME | DCVX7ME | Solid | 1-Methylnaphthalene | | 3,200.000 | J | 800 | 6400 | ug/Kg |
| P3877-02ME | DCVX7ME | Solid | 2,3,4,6-Tetrachlorophenol | | 33,000.000 | | 2300 | 6400 | ug/Kg |
| P3877-02ME | DCVX7ME | Solid | 2-Methylnaphthalene | | 5,200.000 | J | 980 | 6400 | ug/Kg |
| P3877-02ME | DCVX7ME | Solid | Naphthalene | | 1,700.000 | J | 720 | 6400 | ug/Kg |
| P3877-02ME | DCVX7ME | Solid | Pentachlorophenol | | 340,000.000 | E | 4200 | 13000 | ug/Kg |
| P3877-02ME | DCVX7ME | Solid | Phenanthrene | | 1,400.000 | J | 890 | 6400 | ug/Kg |
| | | | **Total Svoc :** | | **384,500.00** | | | | |
| | | | **Total Concentration:** | | **939,500.00** | | | | |
| **Client ID :** | **DCVX7MEDL** | | | | | | | | |
| P3877-02MEDL | DCVX7MEDL | Solid | Total Alkanes | * | 0.000 | D | 5800 | 32000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | Total Alkanes | * | 0.000 | D | 5800 | 32000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 72,000.000 | JD | | | |
| P3877-02MEDL | DCVX7MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 41,000.000 | JD | | | |
| P3877-02MEDL | DCVX7MEDL | Solid | Total Alkanes | * | 110,000.000 | D | 12000 | 64000 | ug/Kg |
| | | | **Total Tics :** | | **223,000.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| P3877-02MEDL | DCVX7MEDL | Solid | 2,3,4,6-Tetrachlorophenol | 91,000.000 | D | 12000 | 32000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | Pentachlorophenol | 1,000,000.000 | ED | 21000 | 64000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | 2,3,4,6-Tetrachlorophenol | 56,000.000 | D | 12000 | 32000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | 2-Methylnaphthalene | 9,300.000 | JD | 4900 | 32000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | Pentachlorophenol | 610,000.000 | D | 21000 | 64000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | 2,3,4,6-Tetrachlorophenol | 26,000.000 | JD | 23000 | 64000 | ug/Kg |
| P3877-02MEDL | DCVX7MEDL | Solid | Pentachlorophenol | 310,000.000 | D | 42000 | 130000 | ug/Kg |
| | | | **Total Svoc :** | **2,102,300.00** | | | | |
| | | | **Total Concentration:** | **2,325,300.00** | | | | |
| **Client ID :** | **DCVY3ME** | | | | | | | |
| P3877-10ME | DCVY3ME | Solid | (3,5-Difluorophenyl)diethylamine * | 16,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Cyclic6.509 * | 6,900.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain11.6 * | 5,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain12.0 * | 9,400.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain13.0 * | 3,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain13.3 * | 14,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain13.9 * | 6,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain15.7 * | 5,600.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain16.2 * | 11,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain17.0 * | 8,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain17.0 * | 6,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain17.7 * | 7,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain18.4 * | 4,800.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain19.0 * | 6,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain20.1 * | 3,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain22.2 * | 3,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain5.88 * | 17,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain6.42 * | 5,100.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain6.85 * | 13,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain6.91 * | 8,800.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain7.49 * | 59,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain8.04 * | 3,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain8.44 * | 4,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain8.62 * | 7,900.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain9.08 * | 40,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | (DEL) Alkane: Straight-Chain9.93 * | 4,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | 1,5,6,7-Tetramethyl-3-phenylbicyc * | 5,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | 1-Hexanol, 2-ethyl- * | 15,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | 2-Ethylbutyric acid, 5-methoxy-3- * | 4,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- * | 4,700.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3877-10ME | DCVY3ME | Solid | 4-(1-Pyrroyl)acetophenone | * | 17,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | 4-Octanone | * | 12,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, (1-methylpropyl)- | * | 6,400.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1,2,3,4-tetramethyl- | * | 5,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1,2,4-trimethyl- | * | 6,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1,4-diethyl- | * | 8,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1-(2-butenyl)-2,3-dimetl | * | 9,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 4,400.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 9,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 6,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Benzophenone | * | 8,100.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Carbonic acid, octadecyl prop-1-e | * | 7,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Cyclohexane, 2-propenyl- | * | 5,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Docosyl pentafluoropropionate | * | 4,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Heptane, 4-azido- | * | 4,200.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Mesitylene | * | 6,500.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Naphthalene, 2,7-dimethyl- | * | 5,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Sulfurous acid, 2-ethylhexyl nony | * | 26,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-01 | * | 4,900.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-02 | * | 8,800.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-03 | * | 11,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-04 | * | 11,000.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-05 | * | 6,400.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-06 | * | 5,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | unknown-07 | * | 5,700.000 | J | | | |
| P3877-10ME | DCVY3ME | Solid | Total Alkanes | * | 260,000.000 | | 1100 | 6200 | ug/Kg |
| | | | **Total Tics :** | | **776,300.00** | | | | |
| P3877-10ME | DCVY3ME | Solid | 1-Methylnaphthalene | | 3,300.000 | J | 770 | 6200 | ug/Kg |
| P3877-10ME | DCVY3ME | Solid | 2,3,4,6-Tetrachlorophenol | | 26,000.000 | | 2200 | 6200 | ug/Kg |
| P3877-10ME | DCVY3ME | Solid | 2-Methylnaphthalene | | 5,700.000 | J | 940 | 6200 | ug/Kg |
| P3877-10ME | DCVY3ME | Solid | Naphthalene | | 3,000.000 | J | 690 | 6200 | ug/Kg |
| P3877-10ME | DCVY3ME | Solid | Pentachlorophenol | | 370,000.000 | E | 4100 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **408,000.00** | | | | |
| | | | **Total Concentration:** | | **1,184,300.00** | | | | |
| **Client ID :** | **DCVY3MEDL** | | | | | | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 26,000.000 | JD | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 27,000.000 | JD | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 93,000.000 | JD | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 61,000.000 | JD | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | Nonanoic acid, 3-methylbutyl-2 es | * | 25,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3877-10MEDL | DCVY3MEDL | Solid | Total Alkanes | * | 210,000.000 | D | 11000 | 62000 | ug/Kg |
| | | | **Total Tics :** | | **442,000.00** | | | | |
| P3877-10MEDL | DCVY3MEDL | Solid | Pentachlorophenol | | 260,000.000 | D | 41000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **260,000.00** | | | | |
| | | | **Total Concentration:** | | **702,000.00** | | | | |
| **Client ID :** | **DDC46ME** | | | | | | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Cyclic15.017 | * | 3,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Cyclic6.504 | * | 8,400.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain10.( | * | 3,700.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain11.( | * | 11,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain11.( | * | 4,800.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 10,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain12.1 | * | 5,500.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain13.( | * | 4,800.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 18,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 6,100.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 37,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 19,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 12,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 10,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 7,600.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 8,600.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 5,600.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain19.( | * | 4,100.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 4,300.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain22.1 | * | 3,200.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 3,600.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 26,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain6.26 | * | 4,300.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 7,700.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain6.82 | * | 4,300.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 12,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 71,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 11,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 4,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 10,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 50,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 2,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 1,3,8-p-Menthatriene | * | 11,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 1-Decanol, 2-methyl- | * | 12,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-02ME | DDC46ME | Solid | 1-Hexanol, 2-ethyl- | * | 25,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- | * | 23,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 3-Trifluoroacetoxy-6-ethyldecane | * | 5,500.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 4,6-Diaminoresorcinol, N,N,N,N,( | * | 6,700.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | 9-Methyl-S-octahydroanthracene | * | 6,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1,2,3-trimethyl- | * | 8,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1,2,4-trimethyl- | * | 7,200.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1-(2-butenyl)-2,3-dimetl | * | 10,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 12,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1-methyl-3-(1-methyletl | * | 5,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzene, 1-methyl-4-propyl- | * | 7,800.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Benzophenone | * | 11,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Carbonic acid, octadecyl prop-1-e | * | 8,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 5,700.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Mesitylene | * | 7,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Naphthalene, 2,3-dimethyl- | * | 4,700.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Oxalic acid, cyclohexyl nonyl este | * | 13,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | p-Cymene | * | 8,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Propanoic acid, 2-methyl-, 2-ethyl | * | 6,400.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Silane, trimethyl-2-naphthalenyl- | * | 22,000.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Succinic acid, 2-methylpent-3-yl t | * | 7,500.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-01 | * | 6,300.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-02 | * | 6,200.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-03 | * | 4,400.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-04 | * | 6,800.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-05 | * | 6,100.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-06 | * | 6,200.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | unknown-07 | * | 4,900.000 | J | | | |
| P3878-02ME | DDC46ME | Solid | Total Alkanes | * | 390,000.000 | | 1100 | 6200 | ug/Kg |
| | | | **Total Tics :** | | **1,060,500.00** | | | | |
| P3878-02ME | DDC46ME | Solid | 1-Methylnaphthalene | | 4,000.000 | J | 760 | 6200 | ug/Kg |
| P3878-02ME | DDC46ME | Solid | 2,3,4,6-Tetrachlorophenol | | 34,000.000 | | 2200 | 6200 | ug/Kg |
| P3878-02ME | DDC46ME | Solid | 2-Methylnaphthalene | | 6,800.000 | | 940 | 6200 | ug/Kg |
| P3878-02ME | DDC46ME | Solid | Naphthalene | | 3,700.000 | J | 690 | 6200 | ug/Kg |
| P3878-02ME | DDC46ME | Solid | Pentachlorophenol | | 480,000.000 | E | 4100 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **528,500.00** | | | | |
| | | | **Total Concentration:** | | **1,589,000.00** | | | | |
| **Client ID :** | **DDC46MEDL** | | | | | | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 21,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 20,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 14,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 12,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain5.8 | * | 42,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 17,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 120,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 14,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 81,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | 1,1-Hexylenedioxybutane | * | 21,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | 1-Hexanol, 2-ethyl- | * | 36,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- | * | 29,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | 4-(1-Pyrroyl)acetophenone | * | 28,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Azobenzene | * | 15,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Benzene, 1,2,3-trimethyl- | * | 14,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Benzene, 1,2,4-trimethyl-5-(1-met | * | 22,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Benzene, 1-ethyl-4-methyl- | * | 19,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Hexyl trifluoroacetate | * | 14,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Octane, 1,1-oxybis- | * | 41,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | unknown-01 | * | 13,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | unknown-02 | * | 19,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | unknown-03 | * | 21,000.000 | JD | | | |
| P3878-02MEDL | DDC46MEDL | Solid | Total Alkanes | * | 340,000.000 | D | 5600 | 31000 | ug/Kg |
| | | | **Total Tics :** | | **973,000.00** | | | | |
| P3878-02MEDL | DDC46MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 33,000.000 | D | 11000 | 31000 | ug/Kg |
| P3878-02MEDL | DDC46MEDL | Solid | 2-Methylnaphthalene | | 8,300.000 | JD | 4700 | 31000 | ug/Kg |
| P3878-02MEDL | DDC46MEDL | Solid | Pentachlorophenol | | 560,000.000 | D | 20000 | 62000 | ug/Kg |
| | | | **Total Svoc :** | | **601,300.00** | | | | |
| | | | **Total Concentration:** | | **1,574,300.00** | | | | |

**Client ID : DDC47ME**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 2,700.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 4,900.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 4,600.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 25,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 12,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 21,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 20,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 8,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 33,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 23,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 15,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 20,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 7,400.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 18,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain21.6 | * | 6,800.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 16,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 21,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 15,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 97,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain7.77 | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 20,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 8,900.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 19,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 80,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 3,200.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | 1-Isobutoxy-2-ethylhexane | * | 21,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | 2-Bromo dodecane | * | 18,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 22,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | 9-Octadecenoic acid (Z)-, methyl | * | 41,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 1,2,3-trimethyl- | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 1,2,4-trimethyl- | * | 13,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 1,4-diethyl- | * | 18,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 18,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 1-methyl-4-propyl- | * | 14,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Cyclohexane, 2-propenyl- | * | 9,200.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 30,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Hexadecanoic acid, methyl ester | * | 30,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Mesitylene | * | 10,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Naphthalene, 1,4-dimethyl- | * | 20,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Naphthalene, 1,6-dimethyl- | * | 30,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Naphthalene, 1,7-dimethyl- | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 7,400.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | p-Cymene | * | 17,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Pentadecanoic acid, methyl ester | * | 14,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Propanoic acid, 2-methyl-, 2-meth | * | 7,900.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Propanoic acid, 2-methyl-, butyl e | * | 9,700.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-01 | * | 11,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-02 | * | 15,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-03 | * | 10,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03ME | DDC47ME | Solid | unknown-04 | * | 20,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-05 | * | 9,900.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-06 | * | 10,000.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | unknown-07 | * | 7,700.000 | J | | | |
| P3878-03ME | DDC47ME | Solid | Total Alkanes | * | 520,000.000 | | 1100 | 6100 | ug/Kg |
| | | | **Total Tics :** | | **1,521,300.00** | | | | |
| P3878-03ME | DDC47ME | Solid | 1-Methylnaphthalene | | 10,000.000 | | 750 | 6100 | ug/Kg |
| P3878-03ME | DDC47ME | Solid | 2,3,4,6-Tetrachlorophenol | | 100,000.000 | E | 2200 | 6100 | ug/Kg |
| P3878-03ME | DDC47ME | Solid | 2-Methylnaphthalene | | 18,000.000 | | 920 | 6100 | ug/Kg |
| P3878-03ME | DDC47ME | Solid | Naphthalene | | 5,500.000 | J | 680 | 6100 | ug/Kg |
| P3878-03ME | DDC47ME | Solid | Pentachlorophenol | | 1,100,000.000 | E | 4000 | 12000 | ug/Kg |
| P3878-03ME | DDC47ME | Solid | Phenanthrene | | 4,600.000 | J | 840 | 6100 | ug/Kg |
| | | | **Total Svoc :** | | **1,238,100.00** | | | | |
| | | | **Total Concentration:** | | **2,759,400.00** | | | | |

**Client ID : DDC47MEDL**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 25,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 40,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 33,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 31,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 28,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 26,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 39,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 34,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 33,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 230,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain7.92 | * | 41,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 42,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 190,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | 4-Methyl-3-heptanol, heptafluorol | * | 29,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | 9-Octadecenoic acid (Z)-, methyl | * | 63,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Benzene, 1,2,4-trimethyl- | * | 35,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Benzene, 1,4-diethyl- | * | 51,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Benzene, 1-ethyl-3,5-dimethyl- | * | 31,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Benzene, 1-methyl-3-(1-methyleth | * | 30,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 51,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Carbonic acid, hexyl prop-1-en-2- | * | 51,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Cyanic acid, ethyl ester | * | 29,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Cyclohexane, 1,2,4-tris(methylene | * | 44,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 61,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Hexadecanoic acid, methyl ester | * | 42,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03MEDL | DDC47MEDL | Solid | Hydratropaldehyde | * | 25,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Naphthalene, 2,3-dimethyl- | * | 30,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Naphthalene, 2,7-dimethyl- | * | 26,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | unknown-01 | * | 26,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | unknown-02 | * | 45,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | unknown-03 | * | 32,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | unknown-04 | * | 27,000.000 | JD | | | |
| P3878-03MEDL | DDC47MEDL | Solid | Total Alkanes | * | 790,000.000 | D | 11000 | 61000 | ug/Kg |
| | | | **Total Tics :** | | **2,310,000.00** | | | | |
| P3878-03MEDL | DDC47MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 130,000.000 | D | 22000 | 61000 | ug/Kg |
| P3878-03MEDL | DDC47MEDL | Solid | 2-Methylnaphthalene | | 20,000.000 | JD | 9200 | 61000 | ug/Kg |
| P3878-03MEDL | DDC47MEDL | Solid | Pentachlorophenol | | 1,500,000.000 | D | 40000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **1,650,000.00** | | | | |
| | | | **Total Concentration:** | | **3,960,000.00** | | | | |

**Client ID : DDCJ0ME**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain11.6 | * | 4,800.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 8,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain12.1 | * | 5,500.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 2,800.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 3,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 12,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 5,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 24,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 5,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 9,700.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 6,300.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 3,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 6,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 4,400.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 3,900.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 3,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 3,500.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 10,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 3,400.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain6.86 | * | 5,300.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 6,400.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 35,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 6,900.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 5,200.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 35,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-07ME | DDCJ0ME | Solid | (DEL) Alkane: Straight-Chain9.7 | * | 3,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 1,3-Cyclohexanedione, 5,5-dimetl | * | 3,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 1-Hexanol, 2-ethyl- | * | 14,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 5,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 2-Methylidenehydrazono-3-methy | * | 4,400.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 3-Amino-5H-asym triazino[5,6-b] | * | 3,300.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 6-Aminobenzo(g)quinoxaline-5,1( | * | 2,800.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | 9,9-Dimethyl-9-sila-9,10-dihydro | * | 4,800.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benmoxin | * | 4,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benzene, 1,2,3,5-tetramethyl- | * | 3,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benzene, 1,2,4,5-tetramethyl- | * | 4,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benzene, 1,2,4-trimethyl- | * | 3,300.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benzene, 4-(2-butenyl)-1,2-dimetl | * | 8,800.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Benzophenone | * | 6,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Carbonic acid, 2-ethylhexyl hexad | * | 8,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Cyanic acid, ethyl ester | * | 11,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Cyclopropane, 1-methoxy-2,2-din | * | 14,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 15,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Naphthalene, 1,7-dimethyl- | * | 2,700.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Quinoline, 2,3,4-trimethyl-, 1-oxi | * | 4,600.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Sulfurous acid, pentyl tridecyl es | * | 3,200.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Tridecane, 1-iodo- | * | 11,000.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | unknown-01 | * | 3,300.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | unknown-02 | * | 8,400.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | unknown-03 | * | 3,500.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | unknown-04 | * | 5,100.000 | J | | | |
| P3878-07ME | DDCJ0ME | Solid | Total Alkanes | * | 220,000.000 | | 1100 | 6000 | ug/Kg |
| | | | **Total Tics :** | | **601,000.00** | | | | |
| P3878-07ME | DDCJ0ME | Solid | 1-Methylnaphthalene | | 2,500.000 | J | 750 | 6000 | ug/Kg |
| P3878-07ME | DDCJ0ME | Solid | 2,3,4,6-Tetrachlorophenol | | 21,000.000 | | 2200 | 6000 | ug/Kg |
| P3878-07ME | DDCJ0ME | Solid | 2-Methylnaphthalene | | 4,400.000 | J | 910 | 6000 | ug/Kg |
| P3878-07ME | DDCJ0ME | Solid | Naphthalene | | 2,100.000 | J | 670 | 6000 | ug/Kg |
| P3878-07ME | DDCJ0ME | Solid | Pentachlorophenol | | 300,000.000 | E | 4000 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **330,000.00** | | | | |
| | | | **Total Concentration:** | | **931,000.00** | | | | |

**Client ID : DDCJ0MEDL**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P3878-07MEDL | DDCJ0MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 18,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 14,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 26,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | (DEL) Alkane: Straight-Chain7.4 | * | 43,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-07MEDL | DDCJ0MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 39,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | 1-Hexanol, 2-ethyl- | * | 17,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 25,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- | * | 17,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | 4-(1-Pyrroyl)acetophenone | * | 19,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | Hexane, 1-(hexyloxy)-4-methyl- | * | 15,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | n-Butyric acid 2-ethylhexyl ester | * | 24,000.000 | JD | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | Total Alkanes | * | 140,000.000 | D | 5500 | 30000 | ug/Kg |
| | | | **Total Tics :** | | **397,000.00** | | | | |
| P3878-07MEDL | DDCJ0MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 23,000.000 | JD | 11000 | 30000 | ug/Kg |
| P3878-07MEDL | DDCJ0MEDL | Solid | Pentachlorophenol | | 320,000.000 | D | 20000 | 60000 | ug/Kg |
| | | | **Total Svoc :** | | **343,000.00** | | | | |
| | | | **Total Concentration:** | | **740,000.00** | | | | |
| **Client ID :** | **DCVY6ME** | | | | | | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Cyclic11.915 | * | 9,400.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Cyclic6.510 | * | 9,900.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Cyclic8.149 | * | 11,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 2,900.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 5,100.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 3,800.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 9,900.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 12,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 12,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 40,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 41,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 23,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain15.8 | * | 12,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 43,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 37,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 25,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 23,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 15,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 11,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain21.0 | * | 9,500.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 14,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 25,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 9,200.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 24,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 17,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 110,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain7.7 | * | 12,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain8.3 | * | 20,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain8.4 | * | 9,200.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain8.6 | * | 17,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain9.0 | * | 80,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | (DEL) Alkane: Straight-Chain9.7 | * | 5,100.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 1,1-Hexylenedioxybutane | * | 25,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 1-Hexanol, 2-ethyl- | * | 44,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 2-Bromo dodecane | * | 28,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 11,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 4-Methyl-3-heptanol, trifluoroacet | * | 7,300.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | 4-Methylphenyl acetone | * | 25,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Bacchotricuneatin c | * | 34,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Benzene, 1,2,3-trimethyl- | * | 9,400.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Benzene, 1,2-diethyl- | * | 16,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 16,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 11,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Benzene, 1-methyl-4-propyl- | * | 15,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Butanoic acid, butyl ester | * | 15,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 16,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Isooctyl mercaptoacetate | * | 23,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Mesitylene | * | 12,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 9,800.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Naphthalene, 1,6-dimethyl- | * | 19,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Naphthalene, 2,6-dimethyl- | * | 23,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | o-Cymene | * | 13,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Oleic Acid | * | 17,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | p-Cymene | * | 9,600.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Propanoic acid, 2-methyl-, butyl e | * | 11,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Sulfurous acid, butyl undecyl este | * | 9,500.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Tridecanoic acid, methyl ester | * | 18,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | unknown-01 | * | 10,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | unknown-02 | * | 14,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | unknown-03 | * | 13,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | unknown-04 | * | 17,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | unknown-05 | * | 13,000.000 | J | | | |
| P3878-08ME | DCVY6ME | Solid | Total Alkanes | * | 700,000.000 | | 1100 | 6000 | ug/Kg |
| | | | **Total Tics :** | | **1,902,600.00** | | | | |
| P3878-08ME | DCVY6ME | Solid | 1,1-Biphenyl | | 2,100.000 | J | 1100 | 6000 | ug/Kg |
| P3878-08ME | DCVY6ME | Solid | 1-Methylnaphthalene | | 14,000.000 | | 750 | 6000 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| P3878-08ME | DCVY6ME | Solid | 2,3,4,6-Tetrachlorophenol | 140,000.000 | E | 2200 | 6000 | ug/Kg |
| P3878-08ME | DCVY6ME | Solid | 2-Methylnaphthalene | 24,000.000 | | 920 | 6000 | ug/Kg |
| P3878-08ME | DCVY6ME | Solid | Naphthalene | 11,000.000 | | 680 | 6000 | ug/Kg |
| P3878-08ME | DCVY6ME | Solid | Pentachlorophenol | 1,900,000.000 | E | 4000 | 12000 | ug/Kg |
| P3878-08ME | DCVY6ME | Solid | Phenanthrene | 4,400.000 | J | 830 | 6000 | ug/Kg |
| | | | **Total Svoc :** | **2,095,500.00** | | | | |
| | | | **Total Concentration:** | **3,998,100.00** | | | | |

**Client ID : DCVY6MEDL**

| | | | | | | |
|---|---|---|---|---|---|---|
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Cyclic8.146 | * | 39,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 45,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 57,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 76,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 24,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 78,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 62,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 68,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 58,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 30,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 49,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 90,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 31,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 86,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 60,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 410,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain8.28 | * | 60,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 63,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 270,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | 2,4-Nonadiyne | * | 47,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | 2-Ethyl-1-hexanol, pentafluoropro | * | 150,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | 4-Methyl-3-heptanol, chlorodifluo | * | 30,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Benzene, 1,2,3,4-tetramethyl- | * | 31,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Benzene, 1,2,3-trimethyl- | * | 35,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Benzene, 1,2,4-trimethyl- | * | 43,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Benzene, 1,4-diethyl- | * | 47,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Benzene, 1-ethyl-4-methyl- | * | 59,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Carbonic acid, hexyl prop-1-en-2- | * | 38,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Cyclohexanol, 1-methyl- | * | 39,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | Hexadecanoic acid, methyl ester | * | 31,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | L-Homoserine lactone, N,N-dimet | * | 46,000.000 | JD |
| P3878-08MEDL | DCVY6MEDL | Solid | N-Nitro-1H-1,2,4-triazol-3-amine | * | 64,000.000 | JD |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-08MEDL | DCVY6MEDL | Solid | Naphthalene, 1,8-dimethyl- | * | 42,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Naphthalene, 2,7-dimethyl- | * | 40,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Neopentyl glycol | * | 57,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | o-Cymene | * | 49,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Octadecane, 1-iodo- | * | 29,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | p-Cymene | * | 86,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Propanoic acid, 2-methyl-, 2-ethyl | * | 28,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Sulfurous acid, butyl nonyl ester | * | 31,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-01 | * | 41,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-02 | * | 72,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-03 | * | 49,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-04 | * | 80,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-05 | * | 30,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-06 | * | 88,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-07 | * | 43,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-08 | * | 30,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | unknown-09 | * | 25,000.000 | JD | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | Total Alkanes | * | 1,700,000.000 | D | 11000 | 60000 | ug/Kg |
| | | | **Total Tics :** | | **4,836,000.00** | | | | |
| P3878-08MEDL | DCVY6MEDL | Solid | 1-Methylnaphthalene | | 17,000.000 | JD | 7500 | 60000 | ug/Kg |
| P3878-08MEDL | DCVY6MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 190,000.000 | D | 22000 | 60000 | ug/Kg |
| P3878-08MEDL | DCVY6MEDL | Solid | 2-Methylnaphthalene | | 33,000.000 | JD | 9200 | 60000 | ug/Kg |
| P3878-08MEDL | DCVY6MEDL | Solid | Naphthalene | | 14,000.000 | JD | 6800 | 60000 | ug/Kg |
| P3878-08MEDL | DCVY6MEDL | Solid | Pentachlorophenol | | 2,700,000.000 | ED | 40000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **2,954,000.00** | | | | |
| | | | **Total Concentration:** | | **7,790,000.00** | | | | |
| **Client ID :** | **DCVY6MEDL2** | | | | | | | | |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 780,000.000 | JD | | | |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 500,000.000 | JD | | | |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | unknown-01 | * | 260,000.000 | JD | | | |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | Total Alkanes | * | 1,300,000.000 | D | 110000 | 600000 | ug/Kg |
| | | | **Total Tics :** | | **2,840,000.00** | | | | |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | 2,3,4,6-Tetrachlorophenol | | 220,000.000 | JD | 220000 | 600000 | ug/Kg |
| P3878-08MEDL2 | DCVY6MEDL2 | Solid | Pentachlorophenol | | 3,200,000.000 | D | 400000 | 1.2e+006 | ug/Kg |
| | | | **Total Svoc :** | | **3,420,000.00** | | | | |
| | | | **Total Concentration:** | | **6,260,000.00** | | | | |
| **Client ID :** | **DCVZ0ME** | | | | | | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Cyclic6.502 | * | 3,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 3,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 5,600.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 6,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 7,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 6,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 5,800.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 4,800.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 2,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 4,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 3,100.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 4,400.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain5.85 | * | 7,300.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain6.36 | * | 3,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 2,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 5,200.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 5,200.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 33,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 5,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 4,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | 1,3,8-p-Menthatriene | * | 5,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | 1,3-Hexanediol, 2-ethyl- (isomer 2 | * | 3,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 7,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | 2-Nonanone, 9-[(tetrahydro-2H-py | * | 3,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | 2-Propyl-1-pentanol | * | 14,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1,2,3-trimethyl- | * | 3,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1,2,4,5-tetramethyl- | * | 3,800.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1,2,4-trimethyl- | * | 2,800.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1,3,5-trimethyl-2-(1-met | * | 2,800.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 4,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 1-methyl-3-propyl- | * | 4,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 3,200.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Benzophenone | * | 4,900.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Carbonic acid, prop-1-en-2-yl tetr | * | 25,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Cyclohexanol, 1-methyl- | * | 3,200.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 4,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Hexadecyl octyl ether | * | 7,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Hexylene glycol | * | 9,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Mesitylene | * | 3,000.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Methoxyacetic acid, 2-ethylhexyl | * | 2,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Naphthalene, 1,4,6-trimethyl- | * | 2,600.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Naphthalene, 1,8-dimethyl- | * | 3,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Naphthalene, 2,7-dimethyl- | * | 3,400.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-12ME | DCVZ0ME | Solid | unknown-01 | * | 2,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | unknown-02 | * | 2,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | unknown-03 | * | 6,900.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | unknown-04 | * | 3,500.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | unknown-05 | * | 2,900.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | unknown-06 | * | 2,700.000 | J | | | |
| P3878-12ME | DCVZ0ME | Solid | Total Alkanes | * | 120,000.000 | | 1100 | 6100 | ug/Kg |
| | | | **Total Tics :** | | **395,000.00** | | | | |
| P3878-12ME | DCVZ0ME | Solid | 1-Methylnaphthalene | | 1,500.000 | J | 760 | 6100 | ug/Kg |
| P3878-12ME | DCVZ0ME | Solid | 2,3,4,6-Tetrachlorophenol | | 19,000.000 | | 2200 | 6100 | ug/Kg |
| P3878-12ME | DCVZ0ME | Solid | 2-Methylnaphthalene | | 2,600.000 | J | 930 | 6100 | ug/Kg |
| P3878-12ME | DCVZ0ME | Solid | Pentachlorophenol | | 250,000.000 | E | 4000 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **273,100.00** | | | | |
| | | | **Total Concentration:** | | **668,100.00** | | | | |
| **Client ID : DCVZ0MEDL** | | | | | | | | | |
| P3878-12MEDL | DCVZ0MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 39,000.000 | JD | | | |
| P3878-12MEDL | DCVZ0MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 24,000.000 | JD | | | |
| P3878-12MEDL | DCVZ0MEDL | Solid | unknown-01 | * | 15,000.000 | JD | | | |
| P3878-12MEDL | DCVZ0MEDL | Solid | Total Alkanes | * | 63,000.000 | D | 5600 | 31000 | ug/Kg |
| | | | **Total Tics :** | | **141,000.00** | | | | |
| P3878-12MEDL | DCVZ0MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 18,000.000 | JD | 11000 | 31000 | ug/Kg |
| P3878-12MEDL | DCVZ0MEDL | Solid | Pentachlorophenol | | 230,000.000 | D | 20000 | 61000 | ug/Kg |
| | | | **Total Svoc :** | | **248,000.00** | | | | |
| | | | **Total Concentration:** | | **389,000.00** | | | | |
| **Client ID : DCVZ1ME** | | | | | | | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Cyclic11.915 | * | 8,900.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Cyclic6.504 | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Cyclic8.149 | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Cyclic9.794 | * | 4,500.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 2,700.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 4,700.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain10.3 | * | 3,200.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain11.0 | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 6,200.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 2,900.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 9,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 14,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 26,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain14.4 | * | 64,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain15.0 | * | 13,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 48,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 21,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 33,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 29,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 21,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 22,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 26,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain21.6 | * | 9,500.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain22.1 | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 32,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain6.76 | * | 8,600.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain6.86 | * | 25,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 110,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 24,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain8.45 | * | 9,800.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain9.09 | * | 81,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 3,300.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | 1,2-Dimethylaziridine | * | 23,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | 1-Hexanol, 2-ethyl- | * | 48,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | 4,6,8-Trimethylazulene | * | 32,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | 9,9-Dimethyl-9-sila-9,10-dihydrop | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | 9-Methyl-S-octahydroanthracene | * | 28,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1,2,3,5-tetramethyl- | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1,2,3-trimethyl- | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1,3,5-trimethyl-2-(1-met | * | 7,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1,4-diethyl- | * | 10,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 1-methyl-4-propyl- | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 9,600.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Benzenepropanal, .beta.-methyl- | * | 23,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Butanoic acid, butyl ester | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Carbonic acid, hexyl prop-1-en-2- | * | 10,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-13ME | DCVZ1ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 15,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Hexadecanoic acid, methyl ester | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Mesitylene | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Naphthalene, 1,5-dimethyl- | * | 12,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Naphthalene, 1,6-dimethyl- | * | 21,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Oxalic acid, cyclohexyl isohexyl e | * | 23,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Propanoic acid, 2-methyl-, 2-meth | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Propanoic acid, 2-methyl-, 3-hydr | * | 16,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Propanoic acid, 2-methyl-, butyl e | * | 7,800.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | unknown-01 | * | 11,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | unknown-02 | * | 6,900.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | unknown-03 | * | 13,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | unknown-04 | * | 20,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | unknown-05 | * | 15,000.000 | J | | | |
| P3878-13ME | DCVZ1ME | Solid | Total Alkanes | * | 800,000.000 | | 1100 | 5800 | ug/Kg |
| | | | **Total Tics :** | | **2,089,600.00** | | | | |
| P3878-13ME | DCVZ1ME | Solid | 1,1-Biphenyl | | 1,900.000 | J | 1100 | 5800 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | 1-Methylnaphthalene | | 13,000.000 | | 720 | 5800 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | 2,3,4,6-Tetrachlorophenol | | 140,000.000 | E | 2100 | 5800 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | 2-Methylnaphthalene | | 21,000.000 | | 880 | 5800 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | Naphthalene | | 11,000.000 | | 650 | 5800 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | Pentachlorophenol | | 2,000,000.000 | E | 3800 | 12000 | ug/Kg |
| P3878-13ME | DCVZ1ME | Solid | Phenanthrene | | 3,500.000 | J | 800 | 5800 | ug/Kg |
| | | | **Total Svoc :** | | **2,190,400.00** | | | | |
| | | | **Total Concentration:** | | **4,280,000.00** | | | | |
| **Client ID : DCVZ1MEDL** | | | | | | | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Cyclic11.912 | * | 33,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain10.( | * | 12,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 25,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 35,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain13.( | * | 13,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 46,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 24,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 73,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 45,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 39,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 30,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain19.( | * | 14,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 12,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 23,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 12,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 88,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain6.14 | * | 31,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain6.26 | * | 16,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain6.35 | * | 30,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 26,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 42,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 290,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain7.77 | * | 20,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 39,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 210,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | (DEL) Alkane: Straight-Chain9.63 | * | 12,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 1,3,5-Cycloheptatriene, 3,7,7-trim | * | 26,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 1-Decanol, 2-methyl- | * | 46,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 1-Hexanol, 2-ethyl- | * | 110,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 2-Heptanone, 4,6-dimethyl- | * | 24,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 2-Tolyloxirane | * | 48,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 4,6,8-Trimethylazulene | * | 32,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Benzene, 1,2,4-trimethyl- | * | 29,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Benzene, 1-ethyl-2-methyl- | * | 45,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Benzene, 1-ethyl-3-methyl- | * | 35,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 29,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Benzeneacetaldehyde, .alpha.-met | * | 33,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Cyanic acid, ethyl ester | * | 53,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Cyclohexanol, 1-methyl- | * | 25,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 37,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Docosane, 1-iodo- | * | 22,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Ethanone, 1-(2-methylphenyl)- | * | 51,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Hexacosane, 1-iodo- | * | 28,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Hexadecane | * | 52,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Mesitylene | * | 32,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Methoxyacetic acid, 2-octyl ester | * | 18,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Naphthalene, 1,2,3,4-tetrahydro-1 | * | 26,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Propanoic acid, 2-methyl-, 2-ethyl | * | 19,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Tridecanoic acid, methyl ester | * | 19,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-01 | * | 19,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-02 | * | 25,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-03 | * | 60,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-04 | * | 52,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-05 | * | 27,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-06 | * | 23,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | unknown-07 | * | 35,000.000 | JD | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | Total Alkanes | * | 1,200,000.000 | D | 5300 | 29000 | ug/Kg |
| | | | **Total Tics :** | | **3,520,000.00** | | | | |
| P3878-13MEDL | DCVZ1MEDL | Solid | 1-Methylnaphthalene | | 13,000.000 | JD | 3600 | 29000 | ug/Kg |
| P3878-13MEDL | DCVZ1MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 150,000.000 | D | 10000 | 29000 | ug/Kg |
| P3878-13MEDL | DCVZ1MEDL | Solid | 2-Methylnaphthalene | | 22,000.000 | JD | 4400 | 29000 | ug/Kg |
| P3878-13MEDL | DCVZ1MEDL | Solid | Naphthalene | | 12,000.000 | JD | 3200 | 29000 | ug/Kg |
| P3878-13MEDL | DCVZ1MEDL | Solid | Pentachlorophenol | | 2,300,000.000 | ED | 19000 | 58000 | ug/Kg |
| | | | **Total Svoc :** | | **2,497,000.00** | | | | |
| | | | **Total Concentration:** | | **6,017,000.00** | | | | |
| **Client ID :** | **DCVZ1MEDL2** | | | | | | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 440,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | 1-Iodo-2-methylundecane | * | 280,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | 2-Propyl-1-pentanol, chlorodifluor | * | 140,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | Diaziridinone, bis(1,1-dimethylpro | * | 160,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | unknown-01 | * | 150,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | unknown-02 | * | 140,000.000 | JD | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | Total Alkanes | * | 440,000.000 | D | 53000 | 290000 | ug/Kg |
| | | | **Total Tics :** | | **1,750,000.00** | | | | |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | 2,3,4,6-Tetrachlorophenol | | 150,000.000 | JD | 100000 | 290000 | ug/Kg |
| P3878-13MEDL2 | DCVZ1MEDL2 | Solid | Pentachlorophenol | | 2,000,000.000 | D | 190000 | 580000 | ug/Kg |
| | | | **Total Svoc :** | | **2,150,000.00** | | | | |
| | | | **Total Concentration:** | | **3,900,000.00** | | | | |
| **Client ID :** | **DDC04ME** | | | | | | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Cyclic14.575 | * | 6,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Cyclic6.503 | * | 6,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain11.0 | * | 11,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 2,900.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain11.9 | * | 4,900.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 7,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 4,100.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 16,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 7,500.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 17,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain15.0 | * | 6,200.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 16,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 9,700.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain16.5 | * | 5,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 15,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 7,500.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 13,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 9,900.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain19.( | * | 12,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 4,800.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain20.( | * | 3,700.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain21.( | * | 4,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 6,700.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain5.8( | * | 12,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain6.3( | * | 5,900.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 5,500.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain6.8( | * | 9,700.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 10,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain7.4( | * | 67,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 7,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 11,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain9.0( | * | 52,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain9.64 | * | 2,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | (DEL) Alkane: Straight-Chain9.7( | * | 2,700.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 1-(Cyclohexylcarbonyl)-4-piperid | * | 6,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 1-Hexanol, 2-ethyl- | * | 20,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 1-Octadecanesulphonyl chloride | * | 5,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 8,100.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 2-Tolyloxirane | * | 8,800.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 3-Methyl-isoxazol-5(4H)-one | * | 5,100.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | 9-Octadecenoic acid (Z)-, pentyl e | * | 9,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, (1-methylbutyl)- | * | 13,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1,2,3-trimethyl- | * | 8,500.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1,2,4-trimethyl- | * | 6,500.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1,4-diethyl- | * | 7,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1-ethyl-2,4-dimethyl- | * | 8,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 10,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 7,200.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 6,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Butanoic acid | * | 6,200.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Carbonic acid, decyl 2-ethylhexyl | * | 19,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 10,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Dodecane, 1-iodo- | * | 18,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Hexadecanoic acid, methyl ester | * | 4,800.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Naphthalene, 1,7-dimethyl- | * | 9,400.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-15ME | DDC04ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 4,800.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Naphthalene, 2,7-dimethyl- | * | 9,600.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Oxalic acid, 2-ethylhexyl isohexyl | * | 4,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-01 | * | 16,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-02 | * | 4,800.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-03 | * | 4,300.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-04 | * | 4,100.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-05 | * | 6,400.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | unknown-06 | * | 5,000.000 | J | | | |
| P3878-15ME | DDC04ME | Solid | Total Alkanes | * | 380,000.000 | | 1000 | 5700 | ug/Kg |
| | | | **Total Tics :** | | **1,019,200.00** | | | | |
| P3878-15ME | DDC04ME | Solid | 1-Methylnaphthalene | | 4,800.000 | J | 700 | 5700 | ug/Kg |
| P3878-15ME | DDC04ME | Solid | 2,3,4,6-Tetrachlorophenol | | 47,000.000 | | 2000 | 5700 | ug/Kg |
| P3878-15ME | DDC04ME | Solid | 2-Methylnaphthalene | | 8,200.000 | | 860 | 5700 | ug/Kg |
| P3878-15ME | DDC04ME | Solid | Naphthalene | | 3,200.000 | J | 640 | 5700 | ug/Kg |
| P3878-15ME | DDC04ME | Solid | Pentachlorophenol | | 620,000.000 | E | 3700 | 11000 | ug/Kg |
| P3878-15ME | DDC04ME | Solid | Phenanthrene | | 1,800.000 | J | 780 | 5700 | ug/Kg |
| | | | **Total Svoc :** | | **685,000.00** | | | | |
| | | | **Total Concentration:** | | **1,704,200.00** | | | | |
| **Client ID : DDC04MEDL** | | | | | | | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 26,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 23,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 30,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 130,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain7.92 | * | 31,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 94,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | 1,3-Cyclohexanedione, 5,5-dimeth | * | 23,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 32,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | Silane, trichlorooctadecyl- | * | 26,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | unknown-01 | * | 27,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | unknown-02 | * | 26,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | unknown-03 | * | 33,000.000 | JD | | | |
| P3878-15MEDL | DDC04MEDL | Solid | Total Alkanes | * | 330,000.000 | D | 10000 | 57000 | ug/Kg |
| | | | **Total Tics :** | | **831,000.00** | | | | |
| P3878-15MEDL | DDC04MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 48,000.000 | JD | 20000 | 57000 | ug/Kg |
| P3878-15MEDL | DDC04MEDL | Solid | Pentachlorophenol | | 680,000.000 | D | 37000 | 110000 | ug/Kg |
| | | | **Total Svoc :** | | **728,000.00** | | | | |
| | | | **Total Concentration:** | | **1,559,000.00** | | | | |
| **Client ID : DDC05ME** | | | | | | | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Cyclic11.026 | * | 7,300.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Cyclic12.107 | * | 4,300.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 6,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 10,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 9,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 9,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 2,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 9,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 6,300.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 5,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 5,900.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 4,700.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 9,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 2,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 4,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 3,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 4,300.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 30,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 3,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 6,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 3,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | 1,1-Hexylenedioxybutane | * | 16,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | 1,3,8-p-Menthatriene | * | 6,200.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | 1-Hexanol, 2-ethyl- | * | 18,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | 1-Pentanol, 3-methyl- | * | 5,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 5,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, (1-methylpropyl)- | * | 5,400.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, 1,2,4-trimethyl- | * | 3,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 4,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, 1-ethyl-3,5-dimethyl- | * | 4,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 3,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzene, 1-methyl-3-propyl- | * | 6,700.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Benzophenone | * | 6,100.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Butanoic acid, butyl ester | * | 2,900.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Carbonic acid, prop-1-en-2-yl trid | * | 32,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Cyclohexanol, 1-methyl- | * | 4,200.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 5,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Hexadecanoic acid, methyl ester | * | 4,500.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Hexanoic acid, 2-ethyl- | * | 3,200.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Naphthalene, 2,7-dimethyl- | * | 3,000.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Octadecane, 1-chloro- | * | 4,100.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-16ME | DDC05ME | Solid | Octadecane, 1-iodo- | * | 3,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Oxalic acid, 2-ethylhexyl nonyl es | * | 2,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Propanoic acid, 2-methyl-, 2-meth | * | 3,400.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Sulfurous acid, 2-ethylhexyl unde | * | 4,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-01 | * | 3,300.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-02 | * | 4,900.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-03 | * | 3,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-04 | * | 5,600.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-05 | * | 3,200.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | unknown-06 | * | 2,800.000 | J | | | |
| P3878-16ME | DDC05ME | Solid | Total Alkanes | * | 150,000.000 | | 1100 | 6100 | ug/Kg |
| | | | **Total Tics :** | | **479,300.00** | | | | |
| P3878-16ME | DDC05ME | Solid | 1-Methylnaphthalene | | 2,000.000 | J | 760 | 6100 | ug/Kg |
| P3878-16ME | DDC05ME | Solid | 2,3,4,6-Tetrachlorophenol | | 22,000.000 | | 2200 | 6100 | ug/Kg |
| P3878-16ME | DDC05ME | Solid | 2-Methylnaphthalene | | 3,500.000 | J | 930 | 6100 | ug/Kg |
| P3878-16ME | DDC05ME | Solid | Naphthalene | | 1,500.000 | J | 680 | 6100 | ug/Kg |
| P3878-16ME | DDC05ME | Solid | Pentachlorophenol | | 290,000.000 | E | 4000 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **319,000.00** | | | | |
| | | | **Total Concentration:** | | **798,300.00** | | | | |
| **Client ID : DDC05MEDL** | | | | | | | | | |
| P3878-16MEDL | DDC05MEDL | Solid | (DEL) Alkane: Straight-Chain7.4 | * | 39,000.000 | JD | | | |
| P3878-16MEDL | DDC05MEDL | Solid | (DEL) Alkane: Straight-Chain9.0 | * | 38,000.000 | JD | | | |
| P3878-16MEDL | DDC05MEDL | Solid | Total Alkanes | * | 77,000.000 | D | 11000 | 61000 | ug/Kg |
| | | | **Total Tics :** | | **154,000.00** | | | | |
| P3878-16MEDL | DDC05MEDL | Solid | Pentachlorophenol | | 240,000.000 | D | 40000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **240,000.00** | | | | |
| | | | **Total Concentration:** | | **394,000.00** | | | | |
| **Client ID : DDCC1ME** | | | | | | | | | |
| P3878-18ME | DDCC1ME | Solid | (3,5-Difluorophenyl)diethylamine | * | 8,900.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 6,300.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 2,900.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 12,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 8,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 7,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 8,900.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 4,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 7,100.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 5,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 4,800.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 3,900.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain20.( | * | 3,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain21.( | * | 3,100.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 5,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain22.9 | * | 2,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 4,800.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 27,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 8,100.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 4,800.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 6,200.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 24,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 2,3-Pyridinediamine | * | 8,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 2,7-Dimethyloctan-4-one | * | 10,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- | * | 4,600.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 4-(1-Pyrroyl)acetophenone | * | 8,300.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 4-Methyl-3-heptanol, heptafluorol | * | 4,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | 6-Azabicyclo[3.2.1]octane, 6-metl | * | 7,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Benzenepropanal, .beta.-methyl- | * | 5,200.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Benzophenone | * | 7,600.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Carbonic acid, 2-ethylhexyl hexad | * | 13,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Cyclohexanepropanol- | * | 2,800.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 6,200.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | n-Hexadecanoic acid | * | 2,600.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Naphthalene, 1,5-dimethyl- | * | 7,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 2,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Naphthalene, 2,3-dimethyl- | * | 4,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Tridecane, 1-iodo- | * | 8,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-01 | * | 5,600.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-02 | * | 7,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-03 | * | 2,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-04 | * | 2,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-05 | * | 4,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-06 | * | 4,000.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-07 | * | 3,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-08 | * | 2,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-09 | * | 2,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-10 | * | 3,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-11 | * | 3,500.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-12 | * | 3,400.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | unknown-13 | * | 6,700.000 | J | | | |
| P3878-18ME | DDCC1ME | Solid | Total Alkanes | * | 160,000.000 | | 1100 | 5800 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Total Tics :** | | **486,600.00** | | | | |
| P3878-18ME | DDCC1ME | Solid | 1-Methylnaphthalene | | 1,800.000 | J | 720 | 5800 | ug/Kg |
| P3878-18ME | DDCC1ME | Solid | 2,3,4,6-Tetrachlorophenol | | 33,000.000 | | 2100 | 5800 | ug/Kg |
| P3878-18ME | DDCC1ME | Solid | 2,4,6-Trichlorophenol | | 7,100.000 | | 1400 | 5800 | ug/Kg |
| P3878-18ME | DDCC1ME | Solid | 2-Methylnaphthalene | | 3,000.000 | J | 880 | 5800 | ug/Kg |
| P3878-18ME | DDCC1ME | Solid | Pentachlorophenol | | 540,000.000 | E | 3800 | 12000 | ug/Kg |
| P3878-18ME | DDCC1ME | Solid | Phenanthrene | | 1,200.000 | J | 800 | 5800 | ug/Kg |
| | | | **Total Svoc :** | | **586,100.00** | | | | |
| | | | **Total Concentration:** | | **1,072,700.00** | | | | |
| **Client ID : DDCC1MEDL** | | | | | | | | | |
| P3878-18MEDL | DDCC1MEDL | Solid | (DEL) Alkane: Straight-Chain7.4[illegible] | * | 36,000.000 | JD | | | |
| P3878-18MEDL | DDCC1MEDL | Solid | (DEL) Alkane: Straight-Chain9.0[illegible] | * | 27,000.000 | JD | | | |
| P3878-18MEDL | DDCC1MEDL | Solid | Total Alkanes | * | 63,000.000 | D | 11000 | 58000 | ug/Kg |
| | | | **Total Tics :** | | **126,000.00** | | | | |
| P3878-18MEDL | DDCC1MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 30,000.000 | JD | 21000 | 58000 | ug/Kg |
| P3878-18MEDL | DDCC1MEDL | Solid | Pentachlorophenol | | 470,000.000 | D | 38000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **500,000.00** | | | | |
| | | | **Total Concentration:** | | **626,000.00** | | | | |
| **Client ID : DDC13ME** | | | | | | | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain12.[illegible] | * | 6,400.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain13.[illegible] | * | 8,300.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain13.[illegible] | * | 4,400.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain14.[illegible] | * | 9,600.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain15.[illegible] | * | 12,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain16.[illegible] | * | 15,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain17.[illegible] | * | 11,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain17.[illegible] | * | 8,900.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain17.[illegible] | * | 10,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain18.[illegible] | * | 9,800.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain19.[illegible] | * | 8,400.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain20.[illegible] | * | 3,700.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain20.[illegible] | * | 3,200.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain22.[illegible] | * | 3,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain7.4[illegible] | * | 7,500.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain8.3[illegible] | * | 2,400.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | (DEL) Alkane: Straight-Chain9.0[illegible] | * | 9,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | 1-Hexanol, 2-ethyl- | * | 4,200.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Benzophenone | * | 7,500.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 3,000.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Naphthalene, 1,4,6-trimethyl- | * | 3,800.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-02ME | DDC13ME | Solid | Naphthalene, 1,7-dimethyl- | * | 5,700.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 2,600.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Naphthalene, 2,7-dimethyl- | * | 4,900.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | unknown-01 | * | 2,900.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | unknown-02 | * | 3,400.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | unknown-03 | * | 9,200.000 | J | | | |
| P3898-02ME | DDC13ME | Solid | Total Alkanes | * | 130,000.000 | | 1000 | 5700 | ug/Kg |
| | | | **Total Tics :** | | **309,800.00** | | | | |
| P3898-02ME | DDC13ME | Solid | 1-Methylnaphthalene | | 1,600.000 | J | 710 | 5700 | ug/Kg |
| P3898-02ME | DDC13ME | Solid | 2,3,4,6-Tetrachlorophenol | | 17,000.000 | | 2100 | 5700 | ug/Kg |
| P3898-02ME | DDC13ME | Solid | 2-Methylnaphthalene | | 2,200.000 | J | 870 | 5700 | ug/Kg |
| P3898-02ME | DDC13ME | Solid | Pentachlorophenol | | 230,000.000 | E | 3800 | 11000 | ug/Kg |
| P3898-02ME | DDC13ME | Solid | Phenanthrene | | 1,500.000 | J | 790 | 5700 | ug/Kg |
| | | | **Total Svoc :** | | **252,300.00** | | | | |
| | | | **Total Concentration:** | | **562,100.00** | | | | |
| **Client ID : DDC13MEDL** | | | | | | | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 7,500.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 8,100.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 10,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 6,200.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 13,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 11,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 5,900.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 11,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 9,600.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain19.( | * | 8,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 8,600.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | 1-Decanol, 2-ethyl- | * | 7,400.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Benzophenone | * | 8,200.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Carbonic acid, 2-ethylhexyl tetrad | * | 7,900.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Naphthalene, 2,3-dimethyl- | * | 6,300.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Naphthalene, 2,7-dimethyl- | * | 5,200.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Tridecane, 1-iodo- | * | 12,000.000 | JD | | | |
| P3898-02MEDL | DDC13MEDL | Solid | Total Alkanes | * | 99,000.000 | D | 2100 | 11000 | ug/Kg |
| | | | **Total Tics :** | | **244,900.00** | | | | |
| P3898-02MEDL | DDC13MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 15,000.000 | D | 4100 | 11000 | ug/Kg |
| P3898-02MEDL | DDC13MEDL | Solid | Pentachlorophenol | | 220,000.000 | D | 7600 | 23000 | ug/Kg |
| | | | **Total Svoc :** | | **235,000.00** | | | | |
| | | | **Total Concentration:** | | **479,900.00** | | | | |

**Client ID : DDC14ME**

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 7,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain12.1 | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 6,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain13.( | * | 4,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 16,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 9,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 19,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 13,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 8,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 15,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 13,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 9,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 9,900.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 7,500.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain19.( | * | 3,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 11,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.36 | * | 5,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 4,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 6,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 8,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 53,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain7.77 | * | 5,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 4,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 8,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 44,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 1,1-Hexylenedioxybutane | * | 20,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 1-Hexanol, 2-ethyl- | * | 32,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 2,2,2-Trichloroethyl (E)-2-methyll | * | 4,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 4-(1-Pyrroyl)acetophenone | * | 7,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 4-Methyl-3-heptanol, trifluoroacet | * | 6,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1,4-diethyl- | * | 8,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 6,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 6,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 6,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzophenone | * | 12,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Butanoic acid | * | 8,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 9,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Decanoic acid, methyl ester | * | 7,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Decyl octyl ether | * | 4,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Eicosyl octyl ether | * | 12,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-03ME | DDC14ME | Solid | Hexanoic acid, 1,1-dimethylpropy | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Hexylene glycol | * | 14,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Mesitylene | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Octadecane, 1-chloro- | * | 3,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Propanoic acid, 2-methyl-, butyl e | * | 10,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-01 | * | 9,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-02 | * | 9,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-03 | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-04 | * | 10,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-05 | * | 7,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-06 | * | 5,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-07 | * | 9,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-08 | * | 7,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-09 | * | 5,500.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-10 | * | 5,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Total Alkanes | * | 300,000.000 | | 1100 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 6,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain13.( | * | 2,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 9,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 11,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 7,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 7,900.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 7,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.( | * | 4,900.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 5,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 3,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 3,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain28.3 | * | 2,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 7,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 4,500.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 5,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 35,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 5,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 1,3,8-p-Menthatriene | * | 6,500.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 1,3-Hexanediol, 2-ethyl- (isomer 2 | * | 6,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 1-Hexanol, 2-ethyl- | * | 21,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 7,900.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 4,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1,2,4-trimethyl- | * | 4,300.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1,3,5-trimethyl-2-(1-met | * | 3,900.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-03ME | DDC14ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 8,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 3,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 1-methyl-3-propyl- | * | 6,500.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 4,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Benzophenone | * | 6,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Butanoic acid | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Carbonic acid, dodecyl 2-ethylhex | * | 6,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Carbonic acid, neopentyl 2-ethylh | * | 4,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Carbonic acid, prop-1-en-2-yl trid | * | 31,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Cyclohexanol, 1-methyl- | * | 4,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 5,900.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Hexanoic acid, 2-ethyl- | * | 5,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Hexylene glycol | * | 9,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Naphthalene, 1,4-dimethyl- | * | 3,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 4,200.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Naphthalene, 1,6-dimethyl- | * | 5,100.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Oxalic acid, cyclohexyl hexyl este | * | 14,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Propanoic acid, 2-methyl-, 2-ethyl | * | 5,700.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Tridecanoic acid, methyl ester | * | 4,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-01 | * | 3,600.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-02 | * | 5,000.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-03 | * | 3,800.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | unknown-04 | * | 4,400.000 | J | | | |
| P3898-03ME | DDC14ME | Solid | Total Alkanes | * | 130,000.000 | | 1100 | 6000 | ug/Kg |
| | | | **Total Tics :** | | **1,330,300.00** | | | | |
| P3898-03ME | DDC14ME | Solid | 1-Methylnaphthalene | | 3,600.000 | J | 740 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | 2,3,4,6-Tetrachlorophenol | | 47,000.000 | | 2200 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | 2-Methylnaphthalene | | 6,400.000 | | 910 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | Naphthalene | | 3,100.000 | J | 670 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | Pentachlorophenol | | 810,000.000 | E | 3900 | 12000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | 1-Methylnaphthalene | | 1,900.000 | J | 740 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | 2,3,4,6-Tetrachlorophenol | | 26,000.000 | | 2200 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | 2-Methylnaphthalene | | 3,400.000 | J | 910 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | Naphthalene | | 1,700.000 | J | 670 | 6000 | ug/Kg |
| P3898-03ME | DDC14ME | Solid | Pentachlorophenol | | 440,000.000 | E | 3900 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **1,343,100.00** | | | | |
| | | | **Total Concentration:** | | **2,673,400.00** | | | | |
| **Client ID :** | **DDC14MEDL** | | | | | | | | |
| P3898-03MEDL | DDC14MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 12,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 49,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-03MEDL | DDC14MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 39,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | 1-Hexanol, 2-ethyl- | * | 26,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 16,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | Butanoic acid, 3-methylbutyl este | * | 19,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | unknown-01 | * | 12,000.000 | JD | | | |
| P3898-03MEDL | DDC14MEDL | Solid | Total Alkanes | * | 100,000.000 | D | 5400 | 30000 | ug/Kg |
| | | | **Total Tics :** | | **273,000.00** | | | | |
| P3898-03MEDL | DDC14MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 30,000.000 | D | 11000 | 30000 | ug/Kg |
| P3898-03MEDL | DDC14MEDL | Solid | Pentachlorophenol | | 430,000.000 | D | 20000 | 60000 | ug/Kg |
| | | | **Total Svoc :** | | **460,000.00** | | | | |
| | | | **Total Concentration:** | | **733,000.00** | | | | |

**Client ID : DDC60ME**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Cyclic6.142 | * | 9,200.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Cyclic8.146 | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 7,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 27,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 34,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 86,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 85,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 33,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 28,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 21,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.5 | * | 5,900.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 19,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 37,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain21.0 | * | 25,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 56,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 31,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.35 | * | 9,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 10,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 18,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 120,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain7.78 | * | 11,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 21,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain8.45 | * | 10,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 19,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 95,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09ME | DDC60ME | Solid | 1,2,3,4,5,6,7,8-Octahydro-1-methy | * | 18,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 1-Hexanol, 2-ethyl- | * | 29,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 1-Iodo-2-methylundecane | * | 17,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 11-Dodecen-1-ol, 2,4,6-trimethyl- | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 3,600.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2-Cyclohexen-1-one, 4,4-dimethy | * | 24,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 22,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 4,6,8-Trimethylazulene | * | 18,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Bacchotricuneatin c | * | 120,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1,2,3-trimethyl- | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1,2,4-trimethyl- | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-2,4-dimethyl- | * | 23,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 19,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-3,5-dimethyl- | * | 16,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzeneacetaldehyde, .alpha.-met | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzophenone | * | 25,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 46,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Mesitylene | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 1,6,7-trimethyl- | * | 21,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 1,7-dimethyl- | * | 34,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 21,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 2,6-dimethyl- | * | 40,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Sulfurous acid, pentadecyl 2-prop | * | 27,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Tridecanoic acid, methyl ester | * | 5,900.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-01 | * | 26,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-02 | * | 25,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-03 | * | 23,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-04 | * | 4,700.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-05 | * | 63,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Total Alkanes | * | 870,000.000 | | 1000 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Cyclic15.963 | * | 8,800.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Cyclic6.503 | * | 10,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Cyclic8.149 | * | 9,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 4,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain13.( | * | 8,500.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 9,900.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 33,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 32,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 17,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 35,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 29,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 20,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.5 | * | 6,800.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 23,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 19,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 22,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain20.0 | * | 5,400.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 26,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain21.0 | * | 5,600.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 25,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.35 | * | 6,800.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 8,500.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 20,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 91,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain7.78 | * | 7,500.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 7,500.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 15,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 79,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 1-Hexanol, 2-ethyl- | * | 20,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2,6-Pyridinediamine | * | 9,300.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 17,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 2-Tolyloxirane | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4- | * | 7,500.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 4,6,8-Trimethylazulene | * | 7,100.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | 6-Octadecenoic acid | * | 15,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1,2,3,4-tetramethyl- | * | 14,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1,2,3-trimethyl- | * | 11,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1,2,4,5-tetramethyl- | * | 20,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 8,300.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 15,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Carbonic acid, 2-ethylhexyl undec | * | 11,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Carbonic acid, neopentyl 2-ethylh | * | 2,400.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 40,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Dodecane, 1-iodo- | * | 6,800.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Hexadecanoic acid, methyl ester | * | 7,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Mesitylene | * | 11,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 1,4,6-trimethyl- | * | 7,500.000 | J | | | |

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# Hit Summary Sheet
## SW-846

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09ME | DDC60ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 8,800.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 2,3-dimethyl- | * | 12,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Naphthalene, 2,7-dimethyl- | * | 16,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Sulfurous acid, octadecyl 2-propyl | * | 10,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-01 | * | 17,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-02 | * | 22,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-03 | * | 3,400.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-04 | * | 10,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-05 | * | 11,000.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | unknown-06 | * | 9,700.000 | J | | | |
| P3898-09ME | DDC60ME | Solid | Total Alkanes | * | 600,000.000 | | 1000 | 5700 | ug/Kg |
| | | | **Total Tics :** | | **4,064,400.00** | | | | |
| P3898-09ME | DDC60ME | Solid | 1,1-Biphenyl | | 6,400.000 | | 1000 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 1-Methylnaphthalene | | 48,000.000 | | 710 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 2,3,4,6-Tetrachlorophenol | | 380,000.000 | E | 2100 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 2-Methylnaphthalene | | 72,000.000 | | 870 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Bis(2-ethylhexyl)phthalate | | 6,300.000 | | 650 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Fluorene | | 5,100.000 | J | 1900 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Naphthalene | | 41,000.000 | | 640 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Pentachlorophenol | | 5,800,000.000 | E | 3800 | 11000 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Phenanthrene | | 20,000.000 | | 790 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 1,1-Biphenyl | | 1,400.000 | J | 1000 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 1-Methylnaphthalene | | 7,800.000 | | 710 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 2,3,4,6-Tetrachlorophenol | | 75,000.000 | | 2100 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | 2-Methylnaphthalene | | 12,000.000 | | 870 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Bis(2-ethylhexyl)phthalate | | 1,200.000 | J | 650 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Naphthalene | | 7,500.000 | | 640 | 5700 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Pentachlorophenol | | 1,200,000.000 | E | 3800 | 11000 | ug/Kg |
| P3898-09ME | DDC60ME | Solid | Phenanthrene | | 3,600.000 | J | 790 | 5700 | ug/Kg |
| | | | **Total Svoc :** | | **7,687,300.00** | | | | |
| | | | **Total Concentration:** | | **11,751,700.00** | | | | |
| **Client ID :** | **DDC60MEDL** | | | | | | | | |
| P3898-09MEDL | DDC60MEDL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 52,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 65,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 52,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 72,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 280,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | Benzene, 1,2,3-trimethyl- | * | 47,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 120,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | Oxalic acid, isobutyl nonyl ester | * | 48,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09MEDL | DDC60MEDL | Solid | Sulfurous acid, 2-ethylhexyl isohe | * | 51,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | Tetradecane, 1-iodo- | * | 220,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | unknown-01 | * | 56,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | unknown-02 | * | 50,000.000 | JD | | | |
| P3898-09MEDL | DDC60MEDL | Solid | Total Alkanes | * | 520,000.000 | D | 21000 | 110000 | ug/Kg |
| | | | **Total Tics :** | | **1,633,000.00** | | | | |
| P3898-09MEDL | DDC60MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 80,000.000 | JD | 41000 | 110000 | ug/Kg |
| P3898-09MEDL | DDC60MEDL | Solid | Pentachlorophenol | | 1,100,000.000 | D | 76000 | 230000 | ug/Kg |
| | | | **Total Svoc :** | | **1,180,000.00** | | | | |
| | | | **Total Concentration:** | | **2,813,000.00** | | | | |
| **Client ID :** | **DDC78ME** | | | | | | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Cyclic14.571 | * | 4,100.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Cyclic6.146 | * | 3,600.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 6,600.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 7,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 6,400.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 9,400.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain16.9 | * | 8,300.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 7,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 7,200.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 2,700.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 14,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain6.76 | * | 4,100.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 12,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 84,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain7.69 | * | 5,100.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain8.04 | * | 4,400.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 15,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 6,300.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 14,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 53,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | 2,3-Heptadien-5-yne, 2,4-dimethy | * | 5,400.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 6,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | 8-Oxabicyclo[3.2.1]oct-6-en-2-on | * | 8,500.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | 9-Octadecenoic acid (Z)-, methyl | * | 20,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzene, 1,2,3-trimethyl- | * | 10,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzene, 1,2,4-trimethyl- | * | 10,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 8,200.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 22,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzene, 1-ethyl-3,5-dimethyl- | * | 12,000.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-13ME | DDC78ME | Solid | Benzene, 1-methyl-3-propyl- | * | 9,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Benzophenone | * | 7,800.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 31,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Hexadecanoic acid, methyl ester | * | 17,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Indane | * | 5,200.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Isobutyl octyl carbonate | * | 9,900.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Mesitylene | * | 11,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Methoxyacetic acid, 2-ethylhexyl | * | 4,300.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Methyl stearate | * | 6,800.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Naphthalene, 1,5-dimethyl- | * | 6,800.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Naphthalene, 2,7-dimethyl- | * | 8,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Octane, 2,6-dimethyl- | * | 5,200.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-01 | * | 5,600.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-02 | * | 17,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-03 | * | 5,900.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-04 | * | 17,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-05 | * | 13,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-06 | * | 5,900.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-07 | * | 12,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-08 | * | 14,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | unknown-09 | * | 4,000.000 | J | | | |
| P3898-13ME | DDC78ME | Solid | Total Alkanes | * | 270,000.000 | | 1100 | 5900 | ug/Kg |
| | | | **Total Tics :** | | **862,700.00** | | | | |
| P3898-13ME | DDC78ME | Solid | 1-Methylnaphthalene | | 2,500.000 | J | 740 | 5900 | ug/Kg |
| P3898-13ME | DDC78ME | Solid | 2,3,4,6-Tetrachlorophenol | | 32,000.000 | | 2100 | 5900 | ug/Kg |
| P3898-13ME | DDC78ME | Solid | 2-Methylnaphthalene | | 5,300.000 | J | 900 | 5900 | ug/Kg |
| P3898-13ME | DDC78ME | Solid | Naphthalene | | 1,900.000 | J | 670 | 5900 | ug/Kg |
| P3898-13ME | DDC78ME | Solid | Pentachlorophenol | | 640,000.000 | E | 3900 | 12000 | ug/Kg |
| P3898-13ME | DDC78ME | Solid | Phenanthrene | | 1,400.000 | J | 820 | 5900 | ug/Kg |
| | | | **Total Svoc :** | | **683,100.00** | | | | |
| | | | **Total Concentration:** | | **1,545,800.00** | | | | |
| **Client ID :** | **DDC78MEDL** | | | | | | | | |
| P3898-13MEDL | DDC78MEDL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 120,000.000 | JD | | | |
| P3898-13MEDL | DDC78MEDL | Solid | (DEL) Alkane: Straight-Chain9.07 | * | 68,000.000 | JD | | | |
| P3898-13MEDL | DDC78MEDL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 46,000.000 | JD | | | |
| P3898-13MEDL | DDC78MEDL | Solid | unknown-01 | * | 29,000.000 | JD | | | |
| P3898-13MEDL | DDC78MEDL | Solid | Total Alkanes | * | 190,000.000 | D | 11000 | 59000 | ug/Kg |
| | | | **Total Tics :** | | **453,000.00** | | | | |
| P3898-13MEDL | DDC78MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 26,000.000 | JD | 21000 | 59000 | ug/Kg |
| P3898-13MEDL | DDC78MEDL | Solid | Pentachlorophenol | | 440,000.000 | D | 39000 | 120000 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Total Svoc :** | | **466,000.00** | | | | |
| | | | **Total Concentration:** | | **919,000.00** | | | | |
| **Client ID :** | **DDC90ME** | | | | | | | | |
| P3898-17ME | DDC90ME | Solid | (1S,7S)-2,2-Dimethyl-7-nitrohexa | * | 7,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Cyclic14.572 | * | 4,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 7,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 3,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 6,500.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 7,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 9,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain16.9 | * | 7,800.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 4,900.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 6,400.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 5,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 2,800.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 9,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 7,300.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 12,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 7,700.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 64,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain7.78 | * | 5,600.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain8.05 | * | 4,400.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 13,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain8.45 | * | 6,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 11,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | 13-Octadecenoic acid, methyl este | * | 16,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | 1H-Pyrido[3,4-b]indole, 2,3,4,9-te | * | 8,700.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | 2,4-Nonadiyne | * | 10,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | 2-Nonanone, 9-[(tetrahydro-2H-py | * | 6,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | 3,3-Dimethyl-4-(N-(2-methylbenz | * | 7,600.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzene, 1,2,3-trimethyl- | * | 8,500.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzene, 1,4-diethyl- | * | 11,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzene, 1-ethenyl-2-methyl- | * | 5,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 6,600.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzene, 1-ethyl-3-methyl- | * | 14,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Benzophenone | * | 7,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Carbonic acid, prop-1-en-2-yl tetr | * | 46,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 21,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Heptacosane, 1-chloro- | * | 2,600.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Heptadecanoic acid, 16-methyl-, n | * | 5,800.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-17ME | DDC90ME | Solid | Hexadecanoic acid, methyl ester | * | 14,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Mesitylene | * | 9,300.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Naphthalene, 1,2-dimethyl- | * | 3,600.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Naphthalene, 1,6-dimethyl- | * | 10,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Naphthalene, 2,6-dimethyl- | * | 7,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Oleic Acid | * | 3,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | p-Cymene | * | 14,000.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Tricosyl trifluoroacetate | * | 4,400.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-01 | * | 5,500.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-02 | * | 8,500.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-03 | * | 5,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-04 | * | 3,100.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-05 | * | 4,800.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | unknown-06 | * | 3,200.000 | J | | | |
| P3898-17ME | DDC90ME | Solid | Total Alkanes | * | 200,000.000 | | 1100 | 5900 | ug/Kg |
| | | | **Total Tics :** | | **683,100.00** | | | | |
| P3898-17ME | DDC90ME | Solid | 1-Methylnaphthalene | | 2,700.000 | J | 730 | 5900 | ug/Kg |
| P3898-17ME | DDC90ME | Solid | 2,3,4,6-Tetrachlorophenol | | 30,000.000 | | 2100 | 5900 | ug/Kg |
| P3898-17ME | DDC90ME | Solid | 2-Methylnaphthalene | | 5,000.000 | J | 900 | 5900 | ug/Kg |
| P3898-17ME | DDC90ME | Solid | Naphthalene | | 1,600.000 | J | 660 | 5900 | ug/Kg |
| P3898-17ME | DDC90ME | Solid | Pentachlorophenol | | 530,000.000 | E | 3900 | 12000 | ug/Kg |
| P3898-17ME | DDC90ME | Solid | Phenanthrene | | 1,300.000 | J | 810 | 5900 | ug/Kg |
| | | | **Total Svoc :** | | **570,600.00** | | | | |
| | | | **Total Concentration:** | | **1,253,700.00** | | | | |
| **Client ID : DDC90MEDL** | | | | | | | | | |
| P3898-17MEDL | DDC90MEDL | Solid | (DEL) Alkane: Straight-Chain9.0 | * | 54,000.000 | JD | | | |
| P3898-17MEDL | DDC90MEDL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 27,000.000 | JD | | | |
| P3898-17MEDL | DDC90MEDL | Solid | Oxalic acid, isobutyl nonyl ester | * | 76,000.000 | JD | | | |
| P3898-17MEDL | DDC90MEDL | Solid | Total Alkanes | * | 54,000.000 | D | 11000 | 59000 | ug/Kg |
| | | | **Total Tics :** | | **211,000.00** | | | | |
| P3898-17MEDL | DDC90MEDL | Solid | Pentachlorophenol | | 360,000.000 | D | 39000 | 120000 | ug/Kg |
| | | | **Total Svoc :** | | **360,000.00** | | | | |
| | | | **Total Concentration:** | | **571,000.00** | | | | |
| **Client ID : DDC59ME** | | | | | | | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Cyclic15.022 | * | 6,300.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Cyclic6.508 | * | 8,400.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Cyclic8.147 | * | 6,600.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain10.( | * | 2,600.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 4,800.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain12.( | * | 7,400.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain12.1 | * | 3,300.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 6,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 24,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 16,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 14,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 10,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 7,900.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 5,800.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 10,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 5,800.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 24,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 7,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 18,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 12,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 80,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 12,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 69,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 3,900.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | 1,3,8-p-Menthatriene | * | 13,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | 1-Hexanol, 2-ethyl- | * | 29,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | 2,4-Dipropyl-5-ethyl-1,3-dioxane | * | 7,700.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | 2-Heptanone, 4,6-dimethyl- | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | 4,6,8-Trimethylazulene | * | 22,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzene, 1,2,3-trimethyl- | * | 8,300.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzene, 1-ethyl-2-methyl- | * | 13,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzene, 1-ethyl-4-methyl- | * | 9,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzene, 1-methyl-4-propyl- | * | 10,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 7,200.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Benzophenone | * | 9,300.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Butanoic acid, hexyl ester | * | 7,900.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 15,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Cyclopropane, 1-methoxy-2,2-din | * | 20,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Hexanal ethyl trans-2-hexenyl ace | * | 21,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Mesitylene | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Naphthalene, 1,3-dimethyl- | * | 6,600.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Naphthalene, 1,6-dimethyl- | * | 12,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Naphthalene, 2,3,6-trimethyl- | * | 9,100.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3898-20ME | DDC59ME | Solid | o-Cymene | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Pyridine-2,4-diamine | * | 8,500.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Sulfurous acid, 2-ethylhexyl nony | * | 38,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Tetradecane, 1-iodo- | * | 24,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-01 | * | 7,700.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-02 | * | 7,600.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-03 | * | 13,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-04 | * | 8,800.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-05 | * | 11,000.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-06 | * | 8,600.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | unknown-07 | * | 9,300.000 | J | | | |
| P3898-20ME | DDC59ME | Solid | Total Alkanes | * | 400,000.000 | | 1100 | 6100 | ug/Kg |
| | | | **Total Tics :** | | **1,187,400.00** | | | | |
| P3898-20ME | DDC59ME | Solid | 1-Methylnaphthalene | | 5,900.000 | J | 760 | 6100 | ug/Kg |
| P3898-20ME | DDC59ME | Solid | 2,3,4,6-Tetrachlorophenol | | 71,000.000 | | 2200 | 6100 | ug/Kg |
| P3898-20ME | DDC59ME | Solid | 2-Methylnaphthalene | | 10,000.000 | | 930 | 6100 | ug/Kg |
| P3898-20ME | DDC59ME | Solid | Naphthalene | | 5,200.000 | J | 690 | 6100 | ug/Kg |
| P3898-20ME | DDC59ME | Solid | Pentachlorophenol | | 970,000.000 | E | 4000 | 12000 | ug/Kg |
| | | | **Total Svoc :** | | **1,062,100.00** | | | | |
| | | | **Total Concentration:** | | **2,249,500.00** | | | | |
| **Client ID :** | **DDC59MEDL** | | | | | | | | |
| P3898-20MEDL | DDC59MEDL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 120,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | Carbonic acid, decyl prop-1-en-2- | * | 180,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | unknown-01 | * | 52,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | unknown-02 | * | 66,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | unknown-03 | * | 51,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | unknown-04 | * | 54,000.000 | JD | | | |
| P3898-20MEDL | DDC59MEDL | Solid | Total Alkanes | * | 120,000.000 | D | 22000 | 120000 | ug/Kg |
| | | | **Total Tics :** | | **643,000.00** | | | | |
| P3898-20MEDL | DDC59MEDL | Solid | 2,3,4,6-Tetrachlorophenol | | 65,000.000 | JD | 44000 | 120000 | ug/Kg |
| P3898-20MEDL | DDC59MEDL | Solid | Pentachlorophenol | | 830,000.000 | D | 81000 | 250000 | ug/Kg |
| | | | **Total Svoc :** | | **895,000.00** | | | | |
| | | | **Total Concentration:** | | **1,538,000.00** | | | | |
| **Client ID :** | **DCVZ9DL** | | | | | | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Cyclic11.909 | * | 2,100.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Cyclic12.109 | * | 1,700.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Cyclic6.510 | * | 5,200.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Cyclic8.149 | * | 4,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain10.0 | * | 1,700.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain11.0 | * | 5,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 3,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain11.5 | * | 1,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 3,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain12.8 | * | 2,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 4,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 11,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain15.0 | * | 3,700.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 11,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain15.8 | * | 3,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 13,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 11,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 7,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 9,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 7,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 8,200.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 3,600.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain20.6 | * | 2,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain21.6 | * | 3,100.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 4,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 8,100.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 3,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 7,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 8,300.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain7.49 | * | 55,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain7.77 | * | 6,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 4,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 10,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 45,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | (DEL) Alkane: Straight-Chain9.92 | * | 2,600.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | 2-Heptanone, 4,6-dimethyl- | * | 7,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | 2-Propyl-1-Pentanol, trifluoroacet | * | 17,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | 3-Methyl-4-(methoxycarbonyl)he | * | 7,600.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | 4-Octadecenoic acid, methyl ester | * | 7,200.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 1,2,3-trimethyl- | * | 5,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 1-ethyl-2,3-dimethyl- | * | 14,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 1-ethyl-2-methyl- | * | 6,600.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 1-ethyl-3,5-dimethyl- | * | 10,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 1-ethyl-4-methyl- | * | 8,600.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 2-ethyl-1,3-dimethyl- | * | 7,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 6,100.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-05DL | DCVZ9DL | Solid | Benzeneacetaldehyde, .alpha.-met | * | 7,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Butane, 1-ethoxy- | * | 4,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Butanoic acid | * | 4,400.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Carbonic acid, 2-ethylhexyl undec | * | 8,700.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 12,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Cyclopentaneundecanoic acid, me | * | 5,300.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Hexadecanoic acid, methyl ester | * | 9,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Hexadecyl octyl ether | * | 5,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Mesitylene | * | 7,300.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Naphthalene, 1,3-dimethyl- | * | 8,900.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Naphthalene, 1,4,6-trimethyl- | * | 5,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Naphthalene, 1,6-dimethyl- | * | 10,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Naphthalene, 2,3,6-trimethyl- | * | 4,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Tetradecane, 1-iodo- | * | 13,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | unknown-01 | * | 4,100.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | unknown-02 | * | 11,000.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | unknown-03 | * | 4,800.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | unknown-04 | * | 7,500.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | unknown-05 | * | 6,700.000 | JD | | | |
| P3899-05DL | DCVZ9DL | Solid | Total Alkanes | * | 290,000.000 | D | 600 | 3900 | ug/Kg |
| | | | **Total Tics :** | | **817,200.00** | | | | |
| P3899-05DL | DCVZ9DL | Solid | 1-Methylnaphthalene | | 4,700.000 | D | 550 | 3900 | ug/Kg |
| P3899-05DL | DCVZ9DL | Solid | 2,3,4,6-Tetrachlorophenol | | 37,000.000 | D | 830 | 3900 | ug/Kg |
| P3899-05DL | DCVZ9DL | Solid | 2-Methylnaphthalene | | 7,900.000 | D | 730 | 3900 | ug/Kg |
| P3899-05DL | DCVZ9DL | Solid | Naphthalene | | 2,700.000 | JD | 550 | 3900 | ug/Kg |
| P3899-05DL | DCVZ9DL | Solid | Pentachlorophenol | | 520,000.000 | ED | 2000 | 7600 | ug/Kg |
| P3899-05DL | DCVZ9DL | Solid | Phenanthrene | | 1,900.000 | JD | 620 | 3900 | ug/Kg |
| | | | **Total Svoc :** | | **574,200.00** | | | | |
| | | | **Total Concentration:** | | **1,391,400.00** | | | | |
| **Client ID :** | **DDC51DL** | | | | | | | | |
| P3899-15DL | DDC51DL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 430.000 | JD | | | |
| P3899-15DL | DDC51DL | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 430.000 | JD | | | |
| P3899-15DL | DDC51DL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 1,800.000 | JD | | | |
| P3899-15DL | DDC51DL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 1,500.000 | JD | | | |
| P3899-15DL | DDC51DL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 5,100.000 | JD | | | |
| P3899-15DL | DDC51DL | Solid | Total Alkanes | * | 4,200.000 | D | 160 | 1100 | ug/Kg |
| | | | **Total Tics :** | | **13,460.00** | | | | |
| P3899-15DL | DDC51DL | Solid | 2,3,4,6-Tetrachlorophenol | | 820.000 | JD | 230 | 1100 | ug/Kg |
| P3899-15DL | DDC51DL | Solid | Pentachlorophenol | | 9,100.000 | D | 560 | 2100 | ug/Kg |
| | | | **Total Svoc :** | | **9,920.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Total Concentration:** | | **23,380.00** | | | | |
| **Client ID :** | **DDC52DL** | | | | | | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Cyclic6.144 | * | 2,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain11.6 | * | 1,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain12.0 | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain13.0 | * | 2,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 6,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 1,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 6,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain15.0 | * | 2,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 5,700.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain15.9 | * | 1,400.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 8,700.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain17.0 | * | 4,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 4,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain19.0 | * | 3,000.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain20.6 | * | 1,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain21.6 | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain22.2 | * | 3,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain22.9 | * | 1,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain23.6 | * | 960.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain5.88 | * | 8,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.26 | * | 1,800.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 3,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.50 | * | 3,400.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.76 | * | 2,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 8,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 5,700.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 37,000.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain8.05 | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain8.11 | * | 1,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 6,400.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain8.44 | * | 2,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 5,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 22,000.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | (DEL) Alkane: Straight-Chain9.93 | * | 1,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | 2,8-Decadiyne | * | 5,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | 2-Tolyloxirane | * | 4,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | 4-Methylnaphtho[1,2-b]thiophene | * | 1,800.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-16DL | DDC52DL | Solid | 9-Octadecenoic acid (Z)-, pentyl e | * | 4,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, (1-methylethyl)- | * | 3,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 1,2,3-trimethyl- | * | 4,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 1,2,4-trimethyl- | * | 4,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 1,4-diethyl- | * | 5,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 1-ethyl-2-methyl- | * | 7,000.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 1-ethyl-4-methyl- | * | 5,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 3,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 6,800.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Carbonic acid, isobutyl 2-ethylhex | * | 4,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 7,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Decane, 1-iodo- | * | 5,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Dibenzothiophene | * | 3,900.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Ether, heptyl hexyl | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Hexadecanoic acid, methyl ester | * | 3,200.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 1,4,6-trimethyl- | * | 2,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 1,6,7-trimethyl- | * | 1,800.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 1,7-dimethyl- | * | 6,400.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 1-ethyl- | * | 2,900.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 2,3,6-trimethyl- | * | 2,700.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Naphthalene, 2,3-dimethyl- | * | 5,300.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | p-Cymene | * | 4,400.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Tridecanoic acid, methyl ester | * | 4,700.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | unknown-01 | * | 3,000.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | unknown-02 | * | 2,100.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | unknown-03 | * | 2,500.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | unknown-04 | * | 7,600.000 | JD | | | |
| P3899-16DL | DDC52DL | Solid | Total Alkanes | * | 170,000.000 | D | 310 | 2000 | ug/Kg |
| | | | **Total Tics :** | | **471,660.00** | | | | |
| P3899-16DL | DDC52DL | Solid | 1-Methylnaphthalene | | 2,600.000 | D | 290 | 2000 | ug/Kg |
| P3899-16DL | DDC52DL | Solid | 2,3,4,6-Tetrachlorophenol | | 14,000.000 | D | 430 | 2000 | ug/Kg |
| P3899-16DL | DDC52DL | Solid | 2-Methylnaphthalene | | 5,000.000 | D | 390 | 2000 | ug/Kg |
| P3899-16DL | DDC52DL | Solid | Naphthalene | | 1,600.000 | JD | 290 | 2000 | ug/Kg |
| P3899-16DL | DDC52DL | Solid | Pentachlorophenol | | 190,000.000 | ED | 1100 | 4000 | ug/Kg |
| P3899-16DL | DDC52DL | Solid | Phenanthrene | | 1,000.000 | JD | 330 | 2000 | ug/Kg |
| | | | **Total Svoc :** | | **214,200.00** | | | | |
| | | | **Total Concentration:** | | **685,860.00** | | | | |
| **Client ID :** | **DDC53DL** | | | | | | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Cyclic12.106 | * | 2,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Cyclic15.020 | * | 4,900.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Cyclic6.506 | * | 7,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Cyclic8.146 | * | 6,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Cyclic9.791 | * | 1,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain11.1 | * | 3,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain12.( | * | 4,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain13.3 | * | 17,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain13.9 | * | 8,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain14.3 | * | 15,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain15.3 | * | 14,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain15.7 | * | 8,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain16.2 | * | 14,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 12,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain17.( | * | 7,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain17.7 | * | 10,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain18.4 | * | 7,600.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain19.( | * | 3,600.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain20.1 | * | 3,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain20.( | * | 3,100.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain21.1 | * | 7,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain22.1 | * | 4,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain5.89 | * | 18,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain6.42 | * | 5,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain6.76 | * | 4,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain6.85 | * | 17,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain6.91 | * | 10,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain7.01 | * | 22,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain7.48 | * | 71,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain7.69 | * | 4,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain7.78 | * | 8,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain8.39 | * | 13,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain8.62 | * | 13,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 53,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | 1-Hexanol, 2-ethyl- | * | 22,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | 14-Octadecenoic acid, methyl este | * | 16,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | 2,4-Nonadiyne | * | 6,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | 2-Heptanone, 4,6-dimethyl- | * | 9,500.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | 5-[2-Tert-butyldiazen-1-yl]-2-metl | * | 4,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 1,2,3-trimethyl- | * | 9,600.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 1,2,4-trimethyl- | * | 8,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 1-ethyl-2,4-dimethyl- | * | 16,000.000 | JD | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-17DL | DDC53DL | Solid | Benzene, 1-ethyl-3-methyl- | * | 14,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 1-methyl-3-(1-methyleth | * | 8,800.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 1-methyl-4-propyl- | * | 9,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 2-ethyl-1,4-dimethyl- | * | 9,600.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Benzene, 4-ethyl-1,2-dimethyl- | * | 6,500.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Butanoic acid, butyl ester | * | 4,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 19,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Hexadecanoic acid, methyl ester | * | 10,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Mesitylene | * | 9,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Methoxyacetic acid, 2-tetradecyl e | * | 5,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Naphthalene, 1,7-dimethyl- | * | 11,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Naphthalene, 2,7-dimethyl- | * | 10,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Propanoic acid, 2-methyl-, butyl e | * | 5,300.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Propanoic acid, 2-methyl-, butyl e | * | 7,000.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Sulfurous acid, octyl 2-pentyl est | * | 4,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-01 | * | 5,500.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-02 | * | 4,900.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-03 | * | 5,700.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-04 | * | 9,300.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-05 | * | 5,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-06 | * | 8,100.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | unknown-07 | * | 6,200.000 | JD | | | |
| P3899-17DL | DDC53DL | Solid | Total Alkanes | * | 410,000.000 | D | 670 | 4400 | ug/Kg |
| | | | **Total Tics :** | | **1,086,200.00** | | | | |
| P3899-17DL | DDC53DL | Solid | 1-Methylnaphthalene | | 5,000.000 | D | 620 | 4400 | ug/Kg |
| P3899-17DL | DDC53DL | Solid | 2,3,4,6-Tetrachlorophenol | | 54,000.000 | D | 930 | 4400 | ug/Kg |
| P3899-17DL | DDC53DL | Solid | 2-Methylnaphthalene | | 8,400.000 | D | 830 | 4400 | ug/Kg |
| P3899-17DL | DDC53DL | Solid | Naphthalene | | 3,900.000 | JD | 620 | 4400 | ug/Kg |
| P3899-17DL | DDC53DL | Solid | Pentachlorophenol | | 680,000.000 | ED | 2300 | 8500 | ug/Kg |
| P3899-17DL | DDC53DL | Solid | Phenanthrene | | 1,800.000 | JD | 700 | 4400 | ug/Kg |
| | | | **Total Svoc :** | | **753,100.00** | | | | |
| | | | **Total Concentration:** | | **1,839,300.00** | | | | |
| **Client ID :** | **DDC73DL** | | | | | | | | |
| P3899-22DL | DDC73DL | Solid | (DEL) Alkane: Straight-Chain9.08 | * | 470.000 | JD | | | |
| P3899-22DL | DDC73DL | Solid | 2-Pentanone, 4-hydroxy-4-methyl | * | 460.000 | A | | | |
| P3899-22DL | DDC73DL | Solid | Cyclohexanone, 3,3,5-trimethyl- | * | 640.000 | JD | | | |
| P3899-22DL | DDC73DL | Solid | Hexylene glycol | * | 380.000 | JD | | | |
| P3899-22DL | DDC73DL | Solid | n-Dodecyl thioglycolate | * | 660.000 | JD | | | |
| P3899-22DL | DDC73DL | Solid | Total Alkanes | * | 470.000 | D | 64 | 420 | ug/Kg |
| | | | **Total Tics :** | | **3,080.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3899-22DL | DDC73DL | Solid | 2,3,4,6-Tetrachlorophenol | | 680.000 | D | 89 | 420 | ug/Kg |
| P3899-22DL | DDC73DL | Solid | Pentachlorophenol | | 5,700.000 | D | 220 | 820 | ug/Kg |
| | | | **Total Svoc :** | | **6,380.00** | | | | |
| | | | **Total Concentration:** | | **9,460.00** | | | | |
| **Client ID :** | **A0BC9** | | | | | | | | |
| P3991-01 | A0BC9 | Water | (DEL) Alkane: Cyclic3.164 | * | 6,300.000 | J | | | |
| P3991-01 | A0BC9 | Water | (DEL) Alkane: Cyclic3.194 | * | 3,600.000 | J | | | |
| P3991-01 | A0BC9 | Water | (DEL) Alkane: Cyclic3.211 | * | 5,800.000 | J | | | |
| P3991-01 | A0BC9 | Water | (DEL) Alkane: Straight-Chain3.25 | * | 36,000.000 | J | | | |
| P3991-01 | A0BC9 | Water | Pyrene, 1-methyl- | * | 2,600.000 | J | | | |
| P3991-01 | A0BC9 | Water | Total Alkanes | * | 52,000.000 | | 990 | 5000 | ug/L |
| | | | **Total Tics :** | | **106,300.00** | | | | |
| P3991-01 | A0BC9 | Water | Benzo(a)anthracene | | 1,700.000 | J | 560 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Benzo(b)fluoranthene | | 2,200.000 | J | 1100 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Benzo(k)fluoranthene | | 1,200.000 | J | 1100 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Chrysene | | 2,100.000 | J | 750 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Fluoranthene | | 4,900.000 | J | 650 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Phenanthrene | | 4,100.000 | J | 970 | 5000 | ug/L |
| P3991-01 | A0BC9 | Water | Pyrene | | 2,100.000 | J | 530 | 5000 | ug/L |
| | | | **Total Svoc :** | | **18,300.00** | | | | |
| | | | **Total Concentration:** | | **124,600.00** | | | | |
| **Client ID :** | **A0BD0** | | | | | | | | |
| P3991-02 | A0BD0 | Water | (DEL) Alkane: Cyclic3.216 | * | 6,200.000 | J | | | |
| P3991-02 | A0BD0 | Water | (DEL) Alkane: Straight-Chain3.18 | * | 3,600.000 | J | | | |
| P3991-02 | A0BD0 | Water | (DEL) Alkane: Straight-Chain3.25 | * | 35,000.000 | J | | | |
| P3991-02 | A0BD0 | Water | 11H-Benzo[a]fluorene | * | 5,800.000 | J | | | |
| P3991-02 | A0BD0 | Water | 11H-Benzo[b]fluorene | * | 3,200.000 | J | | | |
| P3991-02 | A0BD0 | Water | 1H-Indene, 2-phenyl- | * | 5,400.000 | J | | | |
| P3991-02 | A0BD0 | Water | 4H-Cyclopenta[def]phenanthrene | * | 6,300.000 | J | | | |
| P3991-02 | A0BD0 | Water | Furan, 3-butyltetrahydro-2-methyl | * | 6,100.000 | J | | | |
| P3991-02 | A0BD0 | Water | Phenanthrene, 1-methyl- | * | 4,100.000 | J | | | |
| P3991-02 | A0BD0 | Water | Phenanthrene, 3,6-dimethyl- | * | 3,100.000 | J | | | |
| P3991-02 | A0BD0 | Water | Total Alkanes | * | 45,000.000 | | 990 | 5000 | ug/L |
| | | | **Total Tics :** | | **123,800.00** | | | | |
| P3991-02 | A0BD0 | Water | Benzo(a)anthracene | | 6,000.000 | | 560 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Benzo(b)fluoranthene | | 4,400.000 | J | 1100 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Benzo(k)fluoranthene | | 1,600.000 | J | 1100 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Chrysene | | 7,700.000 | | 750 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Fluoranthene | | 19,000.000 | | 650 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Fluorene | | 2,400.000 | J | 870 | 5000 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3991-02 | A0BD0 | Water | Phenanthrene | | 17,000.000 | | 970 | 5000 | ug/L |
| P3991-02 | A0BD0 | Water | Pyrene | | 7,000.000 | | 530 | 5000 | ug/L |
| | | | **Total Svoc :** | | **65,100.00** | | | | |
| | | | **Total Concentration:** | | **188,900.00** | | | | |
| **Client ID :** | **C0B70** | | | | | | | | |
| P3994-02 | C0B70 | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | * | 6.000 | J | | | |
| P3994-02 | C0B70 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **6.00** | | | | |
| | | | **Total Concentration:** | | **6.00** | | | | |
| **Client ID :** | **C0B21** | | | | | | | | |
| P3994-05 | C0B21 | Water | Dodecanoic acid | * | 4.200 | J | | | |
| P3994-05 | C0B21 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **4.20** | | | | |
| P3994-05 | C0B21 | Water | 1,4-Dioxane | | 3.100 | | 1.2 | 2 | ug/L |
| | | | **Total Svoc :** | | **3.10** | | | | |
| | | | **Total Concentration:** | | **7.30** | | | | |
| **Client ID :** | **C0B22** | | | | | | | | |
| P3994-06 | C0B22 | Water | Benzophenone | * | 4.000 | J | | | |
| P3994-06 | C0B22 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **4.00** | | | | |
| | | | **Total Concentration:** | | **4.00** | | | | |
| **Client ID :** | **C0B27** | | | | | | | | |
| P3994-07 | C0B27 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **0.00** | | | | |
| P3994-07 | C0B27 | Water | 1,4-Dioxane | | 7.600 | | 1.2 | 2 | ug/L |
| | | | **Total Svoc :** | | **7.60** | | | | |
| | | | **Total Concentration:** | | **7.60** | | | | |
| **Client ID :** | **C0B39** | | | | | | | | |
| P3994-08 | C0B39 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **0.00** | | | | |
| | | | **Total Concentration:** | | **0.00** | | | | |
| **Client ID :** | **C0B44** | | | | | | | | |
| P3994-09 | C0B44 | Water | Benzophenone | * | 3.600 | J | | | |
| P3994-09 | C0B44 | Water | Dodecanoic acid | * | 8.700 | J | | | |
| P3994-09 | C0B44 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **12.30** | | | | |
| | | | **Total Concentration:** | | **12.30** | | | | |
| **Client ID :** | **C0B45** | | | | | | | | |

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Fax : 908 789 8922

# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3994-10 | C0B45 | Water | Dodecanoic acid | * | 12.000 | J | | | |
| P3994-10 | C0B45 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **12.00** | | | | |
| | | | **Total Concentration:** | | **12.00** | | | | |
| **Client ID :** | **C0B50** | | | | | | | | |
| P3994-11 | C0B50 | Water | Dodecanoic acid | * | 4.300 | J | | | |
| P3994-11 | C0B50 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **4.30** | | | | |
| P3994-11 | C0B50 | Water | 1,4-Dioxane | | 3.100 | | 1.2 | 2 | ug/L |
| | | | **Total Svoc :** | | **3.10** | | | | |
| | | | **Total Concentration:** | | **7.40** | | | | |
| **Client ID :** | **SVOC-GPC-BLANK** | | | | | | | | |
| P3996-05 | SVOC-GPC-BLANK | Solid | Total Alkanes | * | 0.000 | | 78 | 510 | ug/Kg |
| | | | **Total Tics :** | | **0.00** | | | | |
| | | | **Total Concentration:** | | **0.00** | | | | |
| **Client ID :** | **SVOC-GPC2-BLANK** | | | | | | | | |
| P3996-10 | SVOC-GPC2-BLANK | Solid | Total Alkanes | * | 0.000 | | 78 | 510 | ug/Kg |
| | | | **Total Tics :** | | **0.00** | | | | |
| | | | **Total Concentration:** | | **0.00** | | | | |
| **Client ID :** | **C0AS1** | | | | | | | | |
| P3997-10 | C0AS1 | Water | 1,4-Benzenedicarboxylic acid, bis | * | 3.800 | J | | | |
| P3997-10 | C0AS1 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **3.80** | | | | |
| | | | **Total Concentration:** | | **3.80** | | | | |
| **Client ID :** | **C0AS3** | | | | | | | | |
| P3997-11 | C0AS3 | Water | 1-Methylindan-2-one | * | 4.800 | J | | | |
| P3997-11 | C0AS3 | Water | 1H-Inden-1-one, 2,3-dihydro- | * | 9.400 | J | | | |
| P3997-11 | C0AS3 | Water | 2,4-Nonadiyne | * | 4.900 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, (1-methylethyl)- | * | 3.700 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, (2-methyl-2-propenyl)- | * | 11.000 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1,2,3-trimethyl- | * | 11.000 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1,2,4,5-tetramethyl- | * | 6.900 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1-ethenyl-2-methyl- | * | 4.100 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1-ethyl-2-methyl- | * | 16.000 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1-ethyl-3-methyl- | * | 4.700 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1-ethyl-4-methyl- | * | 4.500 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 1-pentenyl- | * | 5.200 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 2-ethyl-1,3-dimethyl- | * | 11.000 | J | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P3997-11 | C0AS3 | Water | Benzene, 2-propenyl- | * | 8.000 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, 4-ethyl-1,2-dimethyl- | * | 3.400 | J | | | |
| P3997-11 | C0AS3 | Water | Benzene, cyclopropyl- | * | 5.800 | J | | | |
| P3997-11 | C0AS3 | Water | Benzenesulfonylamino-acetic acid | * | 6.300 | J | | | |
| P3997-11 | C0AS3 | Water | Benzoic acid, 2,4,6-trimethyl- | * | 18.000 | J | | | |
| P3997-11 | C0AS3 | Water | Benzoic acid, 3,4-dimethyl- | * | 3.800 | J | | | |
| P3997-11 | C0AS3 | Water | Butoxyacetic acid | * | 12.000 | J | | | |
| P3997-11 | C0AS3 | Water | Cyclohexanol, 3,3,5-trimethyl-, ci | * | 32.000 | J | | | |
| P3997-11 | C0AS3 | Water | Cyclohexanone, 3,3,5-trimethyl- | * | 57.000 | J | | | |
| P3997-11 | C0AS3 | Water | Diethyl carbitol | * | 16.000 | J | | | |
| P3997-11 | C0AS3 | Water | Ethylbenzene | * | 140.000 | J | | | |
| P3997-11 | C0AS3 | Water | o-Cymene | * | 12.000 | J | | | |
| P3997-11 | C0AS3 | Water | o-Xylene | * | 250.000 | J | | | |
| P3997-11 | C0AS3 | Water | Oxirane, 2-methyl-2-phenyl- | * | 3.200 | J | | | |
| P3997-11 | C0AS3 | Water | unknown-01 | * | 7.300 | J | | | |
| P3997-11 | C0AS3 | Water | unknown-02 | * | 3.200 | J | | | |
| P3997-11 | C0AS3 | Water | unknown-03 | * | 50.000 | J | | | |
| P3997-11 | C0AS3 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **725.20** | | | | |
| P3997-11 | C0AS3 | Water | Diethylphthalate | | 6.500 | | 0.89 | 5.1 | ug/L |
| P3997-11 | C0AS3 | Water | Naphthalene | | 21.000 | | 0.71 | 5.1 | ug/L |
| | | | **Total Svoc :** | | **27.50** | | | | |
| | | | **Total Concentration:** | | **752.70** | | | | |
| **Client ID :** | **C0AT1** | | | | | | | | |
| P3997-12 | C0AT1 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **0.00** | | | | |
| | | | **Total Concentration:** | | **0.00** | | | | |
| **Client ID :** | **C0AP7** | | | | | | | | |
| P3997-13 | C0AP7 | Water | unknown-01 | * | 2.800 | J | | | |
| P3997-13 | C0AP7 | Water | Total Alkanes | * | 0.000 | | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | **2.80** | | | | |
| | | | **Total Concentration:** | | **2.80** | | | | |
| **Client ID :** | **C0AP9** | | | | | | | | |
| P3997-14 | C0AP9 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |
| | | | **Total Tics :** | | **0.00** | | | | |
| | | | **Total Concentration:** | | **0.00** | | | | |
| **Client ID :** | **C0AR0** | | | | | | | | |
| P3997-15 | C0AR0 | Water | Toluene | * | 19.000 | J | | | |
| P3997-15 | C0AR0 | Water | Total Alkanes | * | 0.000 | | 1 | 5.1 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** BG091824

**Client:**

| Sample ID | Client ID | | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| | | | **Total Tics :** | | | **19.00** | | |
| | | | **Total Concentration:** | | | **19.00** | | |
| **Client ID : DDCG8** | | | | | | | | |
| P4013-01 | DDCG8 | Water | Total Alkanes | * | 0.000 | 0.99 | 5 | ug/L |
| | | | **Total Tics :** | | | **0.00** | | |
| | | | **Total Concentration:** | | | **0.00** | | |

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091724 SAS No.: BG091724 SDG No.: BG091724

Instrument ID: Calibration Date(s): 9/17/2024

Calibration Time(s): 16:31

LAB FILE ID: RRFAL1 = BG062894.D RRFAL2 = BG062895.D RRFAL3 = BG062896.D
RRFAL4 = BG062897.D RRFAL5 = BG062898.D RRFAL6 = BG062899.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 0.617 | 0.694 | 0.718 | 0.676 | 0.673 | | 0.676 | 5.6 |
| Benzaldehyde | | 1.404 | 1.282 | 1.225 | 0.940 | 0.828 | 1.136 | 21.3 |
| Pyridine | | 1.933 | 1.834 | 1.860 | 1.906 | 1.697 | 1.846 | 5.0 |
| Hexachloroethane | 0.635 | 0.596 | 0.587 | 0.587 | 0.566 | | 0.594 | 4.3 |
| Nitrobenzene | 0.442 | 0.509 | 0.467 | 0.468 | 0.480 | | 0.473 | 5.2 |
| Isophorone | 0.904 | 1.069 | 0.905 | 0.905 | 0.928 | | 0.942 | 7.6 |
| 2-Nitrophenol | 0.172 | 0.225 | 0.194 | 0.197 | 0.205 | | 0.198 | 9.6 |
| 2,4-Dimethylphenol | 0.440 | 0.489 | 0.425 | 0.427 | 0.443 | | 0.445 | 5.9 |
| Bis(2-Chloroethoxy)methane | 0.471 | 0.566 | 0.493 | 0.481 | 0.493 | | 0.501 | 7.5 |
| 2,4-Dichlorophenol | 0.353 | 0.423 | 0.362 | 0.354 | 0.364 | | 0.371 | 7.9 |
| Naphthalene | 1.076 | 1.235 | 1.069 | 1.083 | 1.089 | | 1.111 | 6.3 |
| 4-Chloroaniline | | 0.537 | 0.450 | 0.449 | 0.442 | 0.395 | 0.454 | 11.3 |
| Hexachlorobutadiene | 0.282 | 0.331 | 0.288 | 0.286 | 0.296 | | 0.297 | 6.7 |
| Phenol | | 2.322 | 2.186 | 2.122 | 2.210 | 1.985 | 2.165 | 5.7 |
| Caprolactam | | 0.135 | 0.120 | 0.119 | 0.124 | 0.120 | 0.124 | 5.4 |
| 4-Chloro-3-methylphenol | 0.432 | 0.479 | 0.406 | 0.404 | 0.413 | | 0.427 | 7.3 |
| 1-Methylnaphthalene | 0.800 | 0.940 | 0.784 | 0.765 | 0.761 | | 0.810 | 9.2 |
| 2-Methylnaphthalene | 0.793 | 0.914 | 0.782 | 0.755 | 0.756 | | 0.800 | 8.2 |
| Hexachlorocyclopentadiene | | 0.324 | 0.338 | 0.395 | 0.410 | 0.413 | 0.376 | 11.1 |
| 2,4,6-Trichlorophenol | 0.427 | 0.479 | 0.420 | 0.447 | 0.434 | | 0.442 | 5.3 |
| 2,4,5-Trichlorophenol | 0.422 | 0.519 | 0.446 | 0.470 | 0.463 | | 0.464 | 7.7 |
| 1,1-Biphenyl | 1.470 | 1.688 | 1.391 | 1.492 | 1.387 | | 1.486 | 8.2 |
| 2-Chloronaphthalene | 1.159 | 1.340 | 1.138 | 1.210 | 1.123 | | 1.194 | 7.4 |
| 2-Nitroaniline | 0.355 | 0.443 | 0.376 | 0.423 | 0.422 | | 0.404 | 9.2 |
| Bis(2-Chloroethyl)ether | | 1.568 | 1.502 | 1.455 | 1.466 | 1.328 | 1.464 | 6.0 |
| Dimethylphthalate | 1.532 | 1.717 | 1.421 | 1.495 | 1.443 | | 1.522 | 7.7 |
| 2,6-Dinitrotoluene | 0.263 | 0.321 | 0.272 | 0.294 | 0.302 | | 0.290 | 8.0 |
| Acenaphthylene | 1.663 | 2.008 | 1.665 | 1.753 | 1.656 | | 1.749 | 8.6 |
| 3-Nitroaniline | | 0.282 | 0.255 | 0.274 | 0.251 | 0.240 | 0.260 | 6.6 |
| Acenaphthene | 1.263 | 1.466 | 1.199 | 1.252 | 1.171 | | 1.270 | 9.1 |
| 2,4-Dinitrophenol | | 0.132 | 0.136 | 0.168 | 0.213 | 0.218 | 0.173 | 23.6 |
| 4-Nitrophenol | | 0.273 | 0.236 | 0.274 | 0.283 | 0.280 | 0.269 | 7.0 |
| Dibenzofuran | 1.872 | 2.174 | 1.775 | 1.846 | 1.752 | | 1.884 | 9.0 |
| 2,4-Dinitrotoluene | 0.383 | 0.490 | 0.406 | 0.457 | 0.452 | | 0.438 | 9.8 |
| Diethylphthalate | 2.083 | 1.944 | 1.495 | 1.519 | 1.425 | | 1.693 | 17.6 |
| 2-Chlorophenol | 1.424 | 1.445 | 1.355 | 1.359 | 1.410 | | 1.399 | 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.: BG091724 SAS No.: BG091724 SDG No.: BG091724

Instrument ID: Calibration Date(s): 9/17/2024

Calibration Time(s): 16:31

LAB FILE ID: RRFAL1 = BG062894.D RRFAL2 = BG062895.D RRFAL3 = BG062896.D
RRFAL4 = BG062897.D RRFAL5 = BG062898.D RRFAL6 = BG062899.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Fluorene | 1.551 | 1.644 | 1.351 | 1.406 | 1.255 | | 1.441 | 10.8 |
| 4-Chlorophenyl-phenylether | 0.815 | 0.946 | 0.732 | 0.770 | 0.713 | | 0.795 | 11.7 |
| 4-Nitroaniline | | 0.307 | 0.248 | 0.272 | 0.243 | 0.237 | 0.261 | 11.0 |
| 4,6-Dinitro-2-methylphenol | | 0.123 | 0.117 | 0.132 | 0.141 | 0.133 | 0.129 | 7.3 |
| N-Nitrosodiphenylamine | 0.543 | 0.633 | 0.548 | 0.563 | 0.522 | | 0.562 | 7.5 |
| 1,2,4,5-Tetrachlorobenzene | 0.717 | 0.776 | 0.658 | 0.714 | 0.679 | | 0.709 | 6.4 |
| 4-Bromophenyl-phenylether | 0.207 | 0.242 | 0.216 | 0.230 | 0.216 | | 0.222 | 6.3 |
| Hexachlorobenzene | 0.249 | 0.293 | 0.240 | 0.256 | 0.246 | | 0.257 | 8.1 |
| Atrazine | | 0.279 | 0.230 | 0.237 | 0.228 | 0.192 | 0.233 | 13.3 |
| Pentachlorophenol | | 0.136 | 0.132 | 0.149 | 0.159 | 0.156 | 0.146 | 8.3 |
| 2-Methylphenol | | 1.575 | 1.503 | 1.499 | 1.556 | 1.354 | 1.497 | 5.8 |
| Phenanthrene | 1.095 | 1.184 | 1.010 | 1.049 | 0.974 | | 1.062 | 7.7 |
| Pentachlorobenzene | 0.318 | 0.353 | 0.311 | 0.323 | 0.305 | | 0.322 | 5.8 |
| Anthracene | 1.108 | 1.220 | 1.045 | 1.105 | 1.007 | | 1.097 | 7.4 |
| 1,2,3,4-Tetrachlorobenzene | 0.293 | 0.328 | 0.293 | 0.311 | 0.300 | | 0.305 | 4.9 |
| Carbazole | | 1.008 | 0.864 | 0.899 | 0.839 | 0.757 | 0.873 | 10.5 |
| Di-n-butylphthalate | 1.117 | 1.272 | 1.069 | 1.130 | 1.029 | | 1.123 | 8.2 |
| Fluoranthene | 1.264 | 1.484 | 1.288 | 1.326 | 1.248 | | 1.322 | 7.2 |
| Pyrene | 1.409 | 1.588 | 1.368 | 1.385 | 1.297 | | 1.409 | 7.7 |
| Butylbenzylphthalate | 0.453 | 0.539 | 0.475 | 0.496 | 0.485 | | 0.490 | 6.5 |
| 3,3-Dichlorobenzidine | | 0.537 | 0.462 | 0.481 | 0.406 | 0.357 | 0.449 | 15.5 |
| 2,2-oxybis(1-Chloropropane) | | 1.913 | 1.874 | 1.800 | 1.840 | 1.654 | 1.816 | 5.5 |
| Benzo(a)anthracene | 1.412 | 1.575 | 1.336 | 1.424 | 1.338 | | 1.417 | 6.9 |
| Chrysene | 1.287 | 1.473 | 1.276 | 1.328 | 1.265 | | 1.326 | 6.5 |
| Bis(2-ethylhexyl)phthalate | 0.706 | 0.801 | 0.683 | 0.704 | 0.645 | | 0.708 | 8.1 |
| Di-n-octyl phthalate | | 1.209 | 1.056 | 1.093 | 1.030 | 0.908 | 1.059 | 10.3 |
| Benzo(b)fluoranthene | 1.162 | 1.341 | 1.204 | 1.202 | 1.179 | | 1.218 | 5.8 |
| Benzo(k)fluoranthene | 1.206 | 1.342 | 1.142 | 1.207 | 1.168 | | 1.213 | 6.3 |
| Benzo(a)pyrene | 1.136 | 1.280 | 1.091 | 1.131 | 1.086 | | 1.145 | 6.9 |
| Indeno(1,2,3-cd)pyrene | 1.391 | 1.532 | 1.327 | 1.395 | 1.369 | | 1.403 | 5.5 |
| Dibenzo(a,h)anthracene | 1.092 | 1.261 | 1.046 | 1.115 | 1.092 | | 1.121 | 7.3 |
| Benzo(g,h,i)perylene | 1.048 | 1.190 | 1.021 | 1.068 | 1.057 | | 1.077 | 6.1 |
| Acetophenone | | 2.565 | 2.550 | 2.365 | 2.383 | 2.093 | 2.391 | 8.0 |
| 2,3,4,6-Tetrachlorophenol | 0.389 | 0.464 | 0.393 | 0.424 | 0.418 | | 0.418 | 7.1 |
| 1,4-Dioxane-d8 | 0.646 | 0.838 | 0.622 | 0.647 | 0.662 | | 0.683 | 12.9 |
| Pyridine-d5 | | 1.956 | 1.918 | 1.864 | 1.850 | 1.681 | 1.854 | 5.7 |

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.: BG091724 SAS No.: BG091724 SDG No.: BG091724

Instrument ID: Calibration Date(s): 9/17/2024

Calibration Time(s): 16:31

LAB FILE ID: RRFAL1 = BG062894.D RRFAL2 = BG062895.D RRFAL3 = BG062896.D
RRFAL4 = BG062897.D RRFAL5 = BG062898.D RRFAL6 = BG062899.D

| COMPOUND | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Phenol-d5 | | 2.177 | 2.061 | 2.098 | 2.136 | 1.904 | 2.075 | 5.1 |
| Bis-(2-Chloroethyl)ether-d8 | | 1.175 | 1.223 | 1.199 | 1.154 | 1.055 | 1.161 | 5.6 |
| 2-Chlorophenol-d4 | 1.360 | 1.394 | 1.365 | 1.336 | 1.358 | | 1.363 | 1.5 |
| 4-Methylphenol-d8 | | 1.505 | 1.571 | 1.556 | 1.564 | 1.405 | 1.520 | 4.6 |
| Nitrobenzene-d5 | 0.146 | 0.177 | 0.156 | 0.156 | 0.162 | | 0.159 | 7.1 |
| 2-Nitrophenol-d4 | 0.163 | 0.196 | 0.170 | 0.179 | 0.196 | | 0.181 | 8.3 |
| 2,4-Dichlorophenol-d3 | 0.352 | 0.414 | 0.371 | 0.372 | 0.367 | | 0.375 | 6.1 |
| 4-Chloroaniline-d4 | | 0.548 | 0.461 | 0.452 | 0.465 | 0.408 | 0.467 | 10.9 |
| 4-Methylphenol | | 1.746 | 1.676 | 1.645 | 1.687 | 1.440 | 1.639 | 7.1 |
| Dimethylphthalate-d6 | 1.431 | 1.674 | 1.421 | 1.500 | 1.410 | | 1.487 | 7.4 |
| Acenaphthylene-d8 | 1.576 | 1.866 | 1.613 | 1.660 | 1.592 | | 1.661 | 7.2 |
| 4-Nitrophenol-d4 | | 0.253 | 0.217 | 0.243 | 0.248 | 0.230 | 0.238 | 6.2 |
| Fluorene-d10 | 1.322 | 1.592 | 1.342 | 1.379 | 1.288 | | 1.385 | 8.7 |
| 4,6-Dinitro-2-methylphenol- | | 0.113 | 0.109 | 0.123 | 0.131 | 0.128 | 0.121 | 8.0 |
| Anthracene-d10 | 0.941 | 1.046 | 0.905 | 0.949 | 0.886 | | 0.945 | 6.5 |
| Pyrene-d10 | 1.167 | 1.366 | 1.182 | 1.210 | 1.132 | | 1.211 | 7.5 |
| Benzo(a)pyrene-d12 | 1.023 | 1.173 | 1.011 | 1.047 | 1.019 | | 1.055 | 6.4 |
| N-Nitroso-di-n-propylamine | 1.441 | 1.453 | 1.419 | 1.339 | 1.329 | | 1.396 | 4.2 |

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 11:13

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 50587 | 7.854 | 225702 | 10.65 | 177833 | 14.49 |
| | UPPER LIMIT | 101174 | 8.354 | 451404 | 11.145 | 355666 | 14.987 |
| | LOWER LIMIT | 25293.5 | 7.354 | 112851 | 10.145 | 88916.5 | 13.987 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK394 | 55356 | 7.86 | 236300 | 10.65 | 189578 | 14.49 |
| 02 | DCVX7ME | 49431 | 7.86 | 203796 | 10.65 | 163850 | 14.49 |
| 03 | DDC47ME | 56324 | 7.86 | 211022 | 10.65 | 178777 | 14.49 |
| 04 | DDCJ0ME | 48975 | 7.86 | 216799 | 10.64 | 167528 | 14.49 |
| 05 | DCVY6ME | 50537 | 7.86 | 193817 | 10.65 | 154775 | 14.49 |
| 06 | DCVZ0ME | 48771 | 7.86 | 202953 | 10.64 | 154892 | 14.49 |
| 07 | DCVZ1ME | 50803 | 7.86 | 198249 | 10.65 | 157578 | 14.49 |
| 08 | DDC04ME | 43663 | 7.86 | 189205 | 10.65 | 146793 | 14.49 |
| 09 | SBLK434 | 55822 | 7.86 | 241848 | 10.64 | 190967 | 14.49 |
| 10 | SVOC-GPC-BLANK | 44332 | 7.86 | 185523 | 10.65 | 152313 | 14.49 |
| 11 | SVOC-GPC2-BLANK | 45918 | 7.85 | 194508 | 10.64 | 156578 | 14.49 |
| 12 | DDC05ME | 44283 | 7.86 | 187736 | 10.64 | 143063 | 14.49 |
| 13 | DDCC1ME | 49068 | 7.86 | 194780 | 10.65 | 158889 | 14.49 |
| 14 | DDC46ME | 48196 | 7.86 | 194719 | 10.65 | 150725 | 14.49 |
| 15 | DCVY3ME | 47329 | 7.86 | 182611 | 10.65 | 143748 | 14.49 |
| 16 | C0B22 | 47063 | 7.86 | 204414 | 10.65 | 163609 | 14.49 |
| 17 | C0B27 | 52437 | 7.85 | 215417 | 10.64 | 169640 | 14.49 |
| 18 | C0AS1 | 55909 | 7.86 | 226904 | 10.65 | 176142 | 14.49 |
| 19 | C0B70 | 46209 | 7.86 | 195044 | 10.65 | 158322 | 14.49 |
| 20 | SLCS394 | 53079 | 7.86 | 213117 | 10.64 | 163726 | 14.49 |
| 21 | SBLK437 | 43495 | 7.86 | 199032 | 10.65 | 159842 | 14.49 |
| 22 | DDC73DL | 42533 | 7.86 | 183316 | 10.65 | 142086 | 14.49 |
| 23 | DDC51DL | 41105 | 7.86 | 177207 | 10.64 | 156917 | 14.49 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 04:19

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 50587 | 7.854 | 225702 | 10.65 | 177833 | 14.49 |
| | UPPER LIMIT | 101174 | 8.354 | 451404 | 11.145 | 355666 | 14.987 |
| | LOWER LIMIT | 25293.5 | 7.354 | 112851 | 10.145 | 88916.5 | 13.987 |
| | EPA SAMPLE NO. | | | | | | |
| 24 | DDC52DL | 42270 | 7.86 | 174229 | 10.64 | 142609 | 14.49 |
| 25 | DDC53DL | 38183 | 7.86 | 155193 | 10.65 | 121201 | 14.49 |
| 26 | DCVZ9DL | 41243 | 7.86 | 161614 | 10.65 | 131176 | 14.49 |
| 27 | C0B21 | 46119 | 7.86 | 198576 | 10.64 | 160957 | 14.49 |
| 28 | C0AS3 | 50770 | 7.86 | 209240 | 10.64 | 166339 | 14.49 |
| 29 | C0AT1 | 47375 | 7.85 | 201329 | 10.64 | 162946 | 14.49 |
| 30 | C0AP7 | 47189 | 7.86 | 207514 | 10.65 | 157122 | 14.49 |
| 31 | C0AP9 | 45350 | 7.85 | 195807 | 10.64 | 157380 | 14.49 |
| 32 | C0AR0 | 47660 | 7.86 | 195729 | 10.65 | 157753 | 14.49 |
| 33 | SLCS434 | 45524 | 7.86 | 198522 | 10.65 | 153031 | 14.49 |
| 34 | SLCS437 | 47165 | 7.86 | 206149 | 10.65 | 166594 | 14.49 |
| 35 | SBLK458 | 38976 | 7.85 | 158151 | 10.64 | 122317 | 14.49 |
| 36 | DCVX7MEDL | 14607 * | 7.85 | 60507 * | 10.65 | 47045 * | 14.49 |
| 37 | DDCJ0MEDL | 39422 | 7.85 | 154473 | 10.65 | 129081 | 14.49 |
| 38 | DCVX7MEDL | 24080 * | 7.86 | 104788 * | 10.64 | 83692 * | 14.49 |
| 39 | DCVZ0MEDL | 43537 | 7.86 | 164748 | 10.64 | 135018 | 14.49 |
| 40 | DCVZ1MEDL | 40854 | 7.86 | 158194 | 10.65 | 132478 | 14.49 |
| 41 | DCVZ1MEDL2 | 35178 | 7.85 | 133192 | 10.64 | 110444 | 14.49 |
| 42 | DDC47MEDL | 34975 | 7.85 | 137411 | 10.64 | 107840 | 14.49 |
| 43 | DCVY6MEDL | 36863 | 7.86 | 139255 | 10.64 | 113048 | 14.49 |
| 44 | DDC04MEDL | 38355 | 7.86 | 143179 | 10.64 | 111119 | 14.49 |
| 45 | DDC46MEDL | 35756 | 7.86 | 136697 | 10.64 | 109294 | 14.49 |
| 46 | DDC05MEDL | 39073 | 7.86 | 167414 | 10.65 | 129595 | 14.49 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 20:48

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 50587 | 7.854 | 225702 | 10.65 | 177833 | 14.49 |
| | UPPER LIMIT | 101174 | 8.354 | 451404 | 11.145 | 355666 | 14.987 |
| | LOWER LIMIT | 25293.5 | 7.354 | 112851 | 10.145 | 88916.5 | 13.987 |
| | EPA SAMPLE NO. | | | | | | |
| 47 | DDCC1MEDL | 40279 | 7.86 | 163789 | 10.65 | 128153 | 14.49 |
| 48 | DCVX7MEDL | 37858 | 7.85 | 153785 | 10.64 | 125296 | 14.49 |
| 49 | SLCS458 | 48446 | 7.86 | 193674 | 10.65 | 156928 | 14.49 |
| 50 | SBLK458 | 41596 | 7.86 | 172378 | 10.64 | 137483 | 14.49 |
| 51 | SBLK429 | 43610 | 7.86 | 167950 | 10.65 | 142177 | 14.49 |
| 52 | DCVY3MEDL | 43213 | 7.86 | 164644 | 10.65 | 140593 | 14.49 |
| 53 | C0B39 | 47809 | 7.85 | 195514 | 10.64 | 152742 | 14.49 |
| 54 | C0B44 | 42969 | 7.85 | 171551 | 10.65 | 141406 | 14.49 |
| 55 | C0B45 | 45160 | 7.86 | 178333 | 10.65 | 142331 | 14.49 |
| 56 | C0B50 | 45691 | 7.85 | 188113 | 10.65 | 144301 | 14.49 |
| 57 | DDCG8 | 44452 | 7.85 | 186736 | 10.64 | 158227 | 14.49 |
| 58 | DDC13ME | 36820 | 7.85 | 149187 | 10.64 | 105450 | 14.49 |
| 59 | DDC14ME | 23156 * | 7.86 | 86847 * | 10.64 | 68434 * | 14.49 |
| 60 | DDC60ME | 8873 * | 7.85 | 27930 * | 10.64 | 25417 * | 14.49 |
| 61 | DDC78ME | 30119 | 7.86 | 114144 | 10.64 | 92191 | 14.48 |
| 62 | DDC90ME | 29223 | 7.86 | 113034 | 10.65 | 94447 | 14.49 |
| 63 | DDC59ME | 41887 | 7.85 | 150930 | 10.64 | 119607 | 14.49 |
| 64 | SLCS429 | 43579 | 7.86 | 169684 | 10.64 | 144480 | 14.49 |
| 65 | SBLK429 | 38907 | 7.85 | 178145 | 10.64 | 144760 | 14.49 |
| 66 | DDC14ME | 42002 | 7.86 | 181753 | 10.64 | 139605 | 14.49 |
| 67 | DDC60ME | 41883 | 7.86 | 153284 | 10.65 | 135452 | 14.49 |
| 68 | DCVY6MEDL2 | 35102 | 7.85 | 148539 | 10.64 | 127094 | 14.49 |
| 69 | DDC78MEDL | 32939 | 7.86 | 137420 | 10.65 | 117406 | 14.49 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 14:07

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 50587 | 7.854 | 225702 | 10.65 | 177833 | 14.49 |
| | UPPER LIMIT | 101174 | 8.354 | 451404 | 11.145 | 355666 | 14.987 |
| | LOWER LIMIT | 25293.5 | 7.354 | 112851 | 10.145 | 88916.5 | 13.987 |
| | EPA SAMPLE NO. | | | | | | |
| 70 | DDC13MEDL | 39875 | 7.85 | 149610 | 10.64 | 120825 | 14.49 |
| 71 | DDC90MEDL | 37323 | 7.85 | 149323 | 10.64 | 126076 | 14.49 |
| 72 | DDC14MEDL | 40145 | 7.85 | 164664 | 10.64 | 134644 | 14.49 |
| 73 | DDC59MEDL | 35377 | 7.85 | 142530 | 10.64 | 116742 | 14.49 |
| 74 | DDC60MEDL | 36978 | 7.85 | 152865 | 10.64 | 119810 | 14.49 |
| 75 | AR1660-50PPM | 40853 | 7.85 | 167279 | 10.64 | 126110 | 14.49 |
| 76 | SBLK407 | 40467 | 7.85 | 155931 | 10.64 | 124708 | 14.49 |
| 77 | A0BC9 | 39570 | 7.85 | 161469 | 10.64 | 128855 | 14.49 |
| 78 | A0BD0 | 41451 | 7.85 | 162507 | 10.64 | 127391 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020496 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062902.D Time Analyzed: 11:13

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 47046 | 7.853 | 212597 | 10.64 | 171969 | 14.49 |
| | UPPER LIMIT | 94092 | 8.353 | 425194 | 11.144 | 343938 | 14.987 |
| | LOWER LIMIT | 23523 | 7.353 | 106298.5 | 10.144 | 85984.5 | 13.987 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK394 | 55356 | 7.86 | 236300 | 10.65 | 189578 | 14.49 |
| 02 | DCVX7ME | 49431 | 7.86 | 203796 | 10.65 | 163850 | 14.49 |
| 03 | DDC47ME | 56324 | 7.86 | 211022 | 10.65 | 178777 | 14.49 |
| 04 | DDCJ0ME | 48975 | 7.86 | 216799 | 10.64 | 167528 | 14.49 |
| 05 | DCVY6ME | 50537 | 7.86 | 193817 | 10.65 | 154775 | 14.49 |
| 06 | DCVZ0ME | 48771 | 7.86 | 202953 | 10.64 | 154892 | 14.49 |
| 07 | DCVZ1ME | 50803 | 7.86 | 198249 | 10.65 | 157578 | 14.49 |
| 08 | DDC04ME | 43663 | 7.86 | 189205 | 10.65 | 146793 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020497 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062911.D Time Analyzed: 17:07

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 43755 | 7.859 | 197413 | 10.64 | 159234 | 14.49 |
| | UPPER LIMIT | 87510 | 8.359 | 394826 | 11.144 | 318468 | 14.992 |
| | LOWER LIMIT | 21877.5 | 7.359 | 98706.5 | 10.144 | 79617 | 13.992 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK434 | 55822 | 7.86 | 241848 | 10.64 | 190967 | 14.49 |
| 02 | SVOC-GPC-BLANK | 44332 | 7.86 | 185523 | 10.65 | 152313 | 14.49 |
| 03 | SVOC-GPC2-BLANK | 45918 | 7.85 | 194508 | 10.64 | 156578 | 14.49 |
| 04 | DDC05ME | 44283 | 7.86 | 187736 | 10.64 | 143063 | 14.49 |
| 05 | DDCC1ME | 49068 | 7.86 | 194780 | 10.65 | 158889 | 14.49 |
| 06 | DDC46ME | 48196 | 7.86 | 194719 | 10.65 | 150725 | 14.49 |
| 07 | DCVY3ME | 47329 | 7.86 | 182611 | 10.65 | 143748 | 14.49 |
| 08 | C0B22 | 47063 | 7.86 | 204414 | 10.65 | 163609 | 14.49 |
| 09 | C0B27 | 52437 | 7.85 | 215417 | 10.64 | 169640 | 14.49 |
| 10 | C0AS1 | 55909 | 7.86 | 226904 | 10.65 | 176142 | 14.49 |
| 11 | C0B70 | 46209 | 7.86 | 195044 | 10.65 | 158322 | 14.49 |
| 12 | SLCS394 | 53079 | 7.86 | 213117 | 10.64 | 163726 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020498 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062924.D Time Analyzed: 02:21

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 45069 | 7.859 | 179219 | 10.64 | 139704 | 14.49 |
| | UPPER LIMIT | 90138 | 8.359 | 358438 | 11.144 | 279408 | 14.992 |
| | LOWER LIMIT | 22534.5 | 7.359 | 89609.5 | 10.144 | 69852 | 13.992 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK437 | 43495 | 7.86 | 199032 | 10.65 | 159842 | 14.49 |
| 02 | DDC73DL | 42533 | 7.86 | 183316 | 10.65 | 142086 | 14.49 |
| 03 | DDC51DL | 41105 | 7.86 | 177207 | 10.64 | 156917 | 14.49 |
| 04 | DDC52DL | 42270 | 7.86 | 174229 | 10.64 | 142609 | 14.49 |
| 05 | DDC53DL | 38183 | 7.86 | 155193 | 10.65 | 121201 | 14.49 |
| 06 | DCVZ9DL | 41243 | 7.86 | 161614 | 10.65 | 131176 | 14.49 |
| 07 | C0B21 | 46119 | 7.86 | 198576 | 10.64 | 160957 | 14.49 |
| 08 | C0AS3 | 50770 | 7.86 | 209240 | 10.64 | 166339 | 14.49 |
| 09 | C0AT1 | 47375 | 7.85 | 201329 | 10.64 | 162946 | 14.49 |
| 10 | C0AP7 | 47189 | 7.86 | 207514 | 10.65 | 157122 | 14.49 |
| 11 | C0AP9 | 45350 | 7.85 | 195807 | 10.64 | 157380 | 14.49 |
| 12 | C0AR0 | 47660 | 7.86 | 195729 | 10.65 | 157753 | 14.49 |
| 13 | SLCS434 | 45524 | 7.86 | 198522 | 10.65 | 153031 | 14.49 |
| 14 | SLCS437 | 47165 | 7.86 | 206149 | 10.65 | 166594 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020499 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062939.D Time Analyzed: 12:51

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 44286 | 7.856 | 215269 | 10.65 | 164087 | 14.49 |
| | UPPER LIMIT | 88572 | 8.356 | 430538 | 11.146 | 328174 | 14.989 |
| | LOWER LIMIT | 22143 | 7.356 | 107634.5 | 10.146 | 82043.5 | 13.989 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK458 | 38976 | 7.85 | 158151 | 10.64 | 122317 | 14.49 |
| 02 | DCVX7MEDL | 14607 * | 7.85 | 60507 * | 10.65 | 47045 * | 14.49 |
| 03 | DDCJ0MEDL | 39422 | 7.85 | 154473 | 10.65 | 129081 | 14.49 |
| 04 | DCVX7MEDL | 24080 | 7.86 | 104788 * | 10.64 | 83692 | 14.49 |
| 05 | DCVZ0MEDL | 43537 | 7.86 | 164748 | 10.64 | 135018 | 14.49 |
| 06 | DCVZ1MEDL | 40854 | 7.86 | 158194 | 10.65 | 132478 | 14.49 |
| 07 | DCVZ1MEDL2 | 35178 | 7.85 | 133192 | 10.64 | 110444 | 14.49 |
| 08 | DDC47MEDL | 34975 | 7.85 | 137411 | 10.64 | 107840 | 14.49 |
| 09 | DCVY6MEDL | 36863 | 7.86 | 139255 | 10.64 | 113048 | 14.49 |
| 10 | DDC04MEDL | 38355 | 7.86 | 143179 | 10.64 | 111119 | 14.49 |
| 11 | DDC46MEDL | 35756 | 7.86 | 136697 | 10.64 | 109294 | 14.49 |
| 12 | DDC05MEDL | 39073 | 7.86 | 167414 | 10.65 | 129595 | 14.49 |
| 13 | DDCC1MEDL | 40279 | 7.86 | 163789 | 10.65 | 128153 | 14.49 |
| 14 | DCVX7MEDL | 37858 | 7.85 | 153785 | 10.64 | 125296 | 14.49 |
| 15 | SLCS458 | 48446 | 7.86 | 193674 | 10.65 | 156928 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020500 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062955.D Time Analyzed: 00:06

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 54217 | 7.858 | 202130 | 10.64 | 162105 | 14.49 |
| | UPPER LIMIT | 108434 | 8.358 | 404260 | 11.143 | 324210 | 14.992 |
| | LOWER LIMIT | 27108.5 | 7.358 | 101065 | 10.143 | 81052.5 | 13.992 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK458 | 41596 | 7.86 | 172378 | 10.64 | 137483 | 14.49 |
| 02 | SBLK429 | 43610 | 7.86 | 167950 | 10.65 | 142177 | 14.49 |
| 03 | DCVY3MEDL | 43213 | 7.86 | 164644 | 10.65 | 140593 | 14.49 |
| 04 | C0B39 | 47809 | 7.85 | 195514 | 10.64 | 152742 | 14.49 |
| 05 | C0B44 | 42969 | 7.85 | 171551 | 10.65 | 141406 | 14.49 |
| 06 | C0B45 | 45160 | 7.86 | 178333 | 10.65 | 142331 | 14.49 |
| 07 | C0B50 | 45691 | 7.85 | 188113 | 10.65 | 144301 | 14.49 |
| 08 | DDCG8 | 44452 | 7.85 | 186736 | 10.64 | 158227 | 14.49 |
| 09 | DDC13ME | 36820 | 7.85 | 149187 | 10.64 | 105450 | 14.49 |
| 10 | DDC14ME | 23156 * | 7.86 | 86847 * | 10.64 | 68434 * | 14.49 |
| 11 | DDC60ME | 8873 * | 7.85 | 27930 * | 10.64 | 25417 * | 14.49 |
| 12 | DDC78ME | 30119 | 7.86 | 114144 | 10.64 | 92191 | 14.48 |
| 13 | DDC90ME | 29223 | 7.86 | 113034 | 10.65 | 94447 | 14.49 |
| 14 | DDC59ME | 41887 | 7.85 | 150930 | 10.64 | 119607 | 14.49 |
| 15 | SLCS429 | 43579 | 7.86 | 169684 | 10.64 | 144480 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020501 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062971.D Time Analyzed: 10:38

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 39584 | 7.859 | 157866 | 10.64 | 118658 | 14.49 |
| | UPPER LIMIT | 79168 | 8.359 | 315732 | 11.144 | 237316 | 14.986 |
| | LOWER LIMIT | 19792 | 7.359 | 78933 | 10.144 | 59329 | 13.986 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK429 | 38907 | 7.85 | 178145 | 10.64 | 144760 | 14.49 |
| 02 | DDC14ME | 42002 | 7.86 | 181753 | 10.64 | 139605 | 14.49 |
| 03 | DDC60ME | 41883 | 7.86 | 153284 | 10.65 | 135452 | 14.49 |
| 04 | DCVY6MEDL2 | 35102 | 7.85 | 148539 | 10.64 | 127094 | 14.49 |
| 05 | DDC78MEDL | 32939 | 7.86 | 137420 | 10.65 | 117406 | 14.49 |
| 06 | DDC13MEDL | 39875 | 7.85 | 149610 | 10.64 | 120825 | 14.49 |
| 07 | DDC90MEDL | 37323 | 7.85 | 149323 | 10.64 | 126076 | 14.49 |
| 08 | DDC14MEDL | 40145 | 7.85 | 164664 | 10.64 | 134644 | 14.49 |
| 09 | DDC59MEDL | 35377 | 7.85 | 142530 | 10.64 | 116742 | 14.49 |
| 10 | DDC60MEDL | 36978 | 7.85 | 152865 | 10.64 | 119810 | 14.49 |
| 11 | AR1660-50PPM | 40853 | 7.85 | 167279 | 10.64 | 126110 | 14.49 |
| 12 | SBLK407 | 40467 | 7.85 | 155931 | 10.64 | 124708 | 14.49 |
| 13 | A0BC9 | 39570 | 7.85 | 161469 | 10.64 | 128855 | 14.49 |
| 14 | A0BD0 | 41451 | 7.85 | 162507 | 10.64 | 127391 | 14.49 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 11:13

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 409154 | 17.237 | 398563 | 21.485 | 448422 | 24.516 |
| | UPPER LIMIT | 818308 | 17.737 | 797126 | 21.985 | 896844 | 25.016 |
| | LOWER LIMIT | 204577 | 16.737 | 199281.5 | 20.985 | 224211 | 24.016 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK394 | 448060 | 17.24 | 467860 | 21.49 | 523010 | 24.53 |
| 02 | DCVX7ME | 388044 | 17.24 | 395052 | 21.49 | 462216 | 24.52 |
| 03 | DDC47ME | 401175 | 17.25 | 409170 | 21.49 | 481320 | 24.52 |
| 04 | DDCJ0ME | 381738 | 17.24 | 394523 | 21.49 | 463344 | 24.53 |
| 05 | DCVY6ME | 354881 | 17.25 | 362556 | 21.49 | 424263 | 24.53 |
| 06 | DCVZ0ME | 362413 | 17.24 | 366381 | 21.49 | 422676 | 24.52 |
| 07 | DCVZ1ME | 355300 | 17.25 | 359587 | 21.49 | 404557 | 24.53 |
| 08 | DDC04ME | 326974 | 17.24 | 330345 | 21.49 | 387424 | 24.53 |
| 09 | SBLK434 | 456562 | 17.24 | 459802 | 21.49 | 518453 | 24.53 |
| 10 | SVOC-GPC-BLANK | 360066 | 17.24 | 376930 | 21.49 | 419566 | 24.53 |
| 11 | SVOC-GPC2-BLANK | 383727 | 17.24 | 398165 | 21.49 | 458550 | 24.53 |
| 12 | DDC05ME | 337660 | 17.24 | 350314 | 21.49 | 410243 | 24.53 |
| 13 | DDCC1ME | 364172 | 17.24 | 369801 | 21.49 | 431669 | 24.54 |
| 14 | DDC46ME | 353867 | 17.24 | 352444 | 21.49 | 440797 | 24.54 |
| 15 | DCVY3ME | 334497 | 17.24 | 329755 | 21.49 | 389173 | 24.54 |
| 16 | C0B22 | 384005 | 17.24 | 388779 | 21.49 | 455171 | 24.53 |
| 17 | C0B27 | 408127 | 17.24 | 429043 | 21.49 | 491152 | 24.53 |
| 18 | C0AS1 | 427255 | 17.24 | 434826 | 21.49 | 499938 | 24.53 |
| 19 | C0B70 | 384354 | 17.24 | 392059 | 21.49 | 463305 | 24.53 |
| 20 | SLCS394 | 391535 | 17.24 | 392151 | 21.50 | 455960 | 24.54 |
| 21 | SBLK437 | 388173 | 17.24 | 401243 | 21.49 | 467231 | 24.54 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 03:00

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 409154 | 17.237 | 398563 | 21.485 | 448422 | 24.516 |
| | UPPER LIMIT | 818308 | 17.737 | 797126 | 21.985 | 896844 | 25.016 |
| | LOWER LIMIT | 204577 | 16.737 | 199281.5 | 20.985 | 224211 | 24.016 |
| | EPA SAMPLE NO. | | | | | | |
| 22 | DDC73DL | 350540 | 17.24 | 370698 | 21.49 | 434906 | 24.54 |
| 23 | DDC51DL | 374837 | 17.24 | 385555 | 21.49 | 463459 | 24.53 |
| 24 | DDC52DL | 330130 | 17.24 | 339537 | 21.49 | 401249 | 24.53 |
| 25 | DDC53DL | 296306 | 17.24 | 300338 | 21.49 | 359429 | 24.53 |
| 26 | DCVZ9DL | 300826 | 17.24 | 313047 | 21.49 | 373686 | 24.54 |
| 27 | C0B21 | 379090 | 17.24 | 382382 | 21.49 | 445167 | 24.53 |
| 28 | C0AS3 | 382283 | 17.24 | 393316 | 21.49 | 468951 | 24.53 |
| 29 | C0AT1 | 383361 | 17.24 | 404918 | 21.49 | 467158 | 24.53 |
| 30 | C0AP7 | 379301 | 17.24 | 384997 | 21.49 | 433043 | 24.53 |
| 31 | C0AP9 | 372280 | 17.24 | 386339 | 21.49 | 441765 | 24.53 |
| 32 | C0AR0 | 386713 | 17.24 | 377203 | 21.49 | 446239 | 24.54 |
| 33 | SLCS434 | 364264 | 17.24 | 369515 | 21.49 | 422940 | 24.54 |
| 34 | SLCS437 | 381192 | 17.24 | 388113 | 21.49 | 444976 | 24.54 |
| 35 | SBLK458 | 302130 | 17.24 | 319746 | 21.49 | 373588 | 24.53 |
| 36 | DCVX7MEDL | 114941 * | 17.24 | 128217 * | 21.49 | 153529 * | 24.53 |
| 37 | DDCJ0MEDL | 294440 | 17.24 | 310867 | 21.49 | 379617 | 24.53 |
| 38 | DCVX7MEDL | 207409 | 17.24 | 200687 | 21.49 | 242863 | 24.53 |
| 39 | DCVZ0MEDL | 318854 | 17.24 | 335533 | 21.49 | 403926 | 24.53 |
| 40 | DCVZ1MEDL | 292121 | 17.24 | 314433 | 21.49 | 378711 | 24.53 |
| 41 | DCVZ1MEDL2 | 269334 | 17.24 | 306661 | 21.49 | 346343 | 24.53 |
| 42 | DDC47MEDL | 254047 | 17.24 | 277413 | 21.49 | 340784 | 24.53 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 18:09

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 409154 | 17.237 | 398563 | 21.485 | 448422 | 24.516 |
| | UPPER LIMIT | 818308 | 17.737 | 797126 | 21.985 | 896844 | 25.016 |
| | LOWER LIMIT | 204577 | 16.737 | 199281.5 | 20.985 | 224211 | 24.016 |
| | EPA SAMPLE NO. | | | | | | |
| 43 | DCVY6MEDL | 253155 | 17.24 | 276274 | 21.49 | 331686 | 24.53 |
| 44 | DDC04MEDL | 271648 | 17.24 | 290880 | 21.49 | 350300 | 24.53 |
| 45 | DDC46MEDL | 248693 | 17.24 | 269913 | 21.49 | 321888 | 24.53 |
| 46 | DDC05MEDL | 317302 | 17.24 | 354444 | 21.49 | 418423 | 24.53 |
| 47 | DDCC1MEDL | 315996 | 17.24 | 337702 | 21.49 | 407059 | 24.53 |
| 48 | DCVX7MEDL | 311044 | 17.24 | 339934 | 21.49 | 401418 | 24.53 |
| 49 | SLCS458 | 360121 | 17.24 | 380955 | 21.49 | 456793 | 24.54 |
| 50 | SBLK458 | 334974 | 17.24 | 361910 | 21.49 | 412670 | 24.53 |
| 51 | SBLK429 | 333436 | 17.24 | 360970 | 21.49 | 424314 | 24.53 |
| 52 | DCVY3MEDL | 323185 | 17.24 | 343501 | 21.49 | 412888 | 24.53 |
| 53 | C0B39 | 367200 | 17.24 | 392641 | 21.49 | 456649 | 24.53 |
| 54 | C0B44 | 326272 | 17.24 | 354134 | 21.49 | 412031 | 24.53 |
| 55 | C0B45 | 345754 | 17.24 | 359329 | 21.49 | 416985 | 24.53 |
| 56 | C0B50 | 356754 | 17.24 | 385185 | 21.49 | 458171 | 24.53 |
| 57 | DDCG8 | 376948 | 17.24 | 382333 | 21.49 | 461602 | 24.53 |
| 58 | DDC13ME | 282114 | 17.24 | 298113 | 21.49 | 362877 | 24.53 |
| 59 | DDC14ME | 162878 * | 17.24 | 183613 * | 21.49 | 222024 * | 24.52 |
| 60 | DDC60ME | 49991 * | 17.24 | 62343 * | 21.48 | 73437 * | 24.53 |
| 61 | DDC78ME | 212713 | 17.24 | 236848 | 21.49 | 288330 | 24.52 |
| 62 | DDC90ME | 220946 | 17.24 | 236108 | 21.49 | 287804 | 24.53 |
| 63 | DDC59ME | 283958 | 17.24 | 296415 | 21.49 | 357982 | 24.53 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 09:18

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 409154 | 17.237 | 398563 | 21.485 | 448422 | 24.516 |
| | UPPER LIMIT | 818308 | 17.737 | 797126 | 21.985 | 896844 | 25.016 |
| | LOWER LIMIT | 204577 | 16.737 | 199281.5 | 20.985 | 224211 | 24.016 |
| | EPA SAMPLE NO. | | | | | | |
| 64 | SLCS429 | 341308 | 17.24 | 351665 | 21.49 | 427788 | 24.53 |
| 65 | SBLK429 | 359240 | 17.24 | 383419 | 21.49 | 448436 | 24.52 |
| 66 | DDC14ME | 319861 | 17.24 | 332290 | 21.48 | 409284 | 24.53 |
| 67 | DDC60ME | 305387 | 17.24 | 312790 | 21.49 | 381592 | 24.53 |
| 68 | DCVY6MEDL2 | 294049 | 17.24 | 306027 | 21.49 | 371237 | 24.53 |
| 69 | DDC78MEDL | 285628 | 17.24 | 300901 | 21.49 | 366163 | 24.53 |
| 70 | DDC13MEDL | 288496 | 17.24 | 312921 | 21.48 | 379245 | 24.53 |
| 71 | DDC90MEDL | 303530 | 17.24 | 324478 | 21.48 | 382157 | 24.53 |
| 72 | DDC14MEDL | 315801 | 17.24 | 353978 | 21.49 | 423203 | 24.53 |
| 73 | DDC59MEDL | 287479 | 17.24 | 312593 | 21.49 | 371180 | 24.53 |
| 74 | DDC60MEDL | 290710 | 17.24 | 310067 | 21.49 | 371919 | 24.53 |
| 75 | AR1660-50PPM | 309509 | 17.24 | 348822 | 21.49 | 407086 | 24.53 |
| 76 | SBLK407 | 305384 | 17.24 | 327252 | 21.49 | 383154 | 24.53 |
| 77 | A0BC9 | 301850 | 17.24 | 328716 | 21.48 | 286452 | 24.53 |
| 78 | A0BD0 | 292307 | 17.24 | 321870 | 21.49 | 387991 | 24.53 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020447 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062896.D Time Analyzed: 19:25

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

| | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 409154 | 17.237 | 398563 | 21.485 | 448422 | 24.516 |
| UPPER LIMIT | 818308 | 17.737 | 797126 | 21.985 | 896844 | 25.016 |
| LOWER LIMIT | 204577 | 16.737 | 199281.5 | 20.985 | 224211 | 24.016 |
| EPA SAMPLE NO. | | | | | | |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020496 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062902.D Time Analyzed: 11:13

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 399288 | 17.236 | 392373 | 21.49 | 452205 | 24.528 |
| | UPPER LIMIT | 798576 | 17.736 | 784746 | 21.99 | 904410 | 25.028 |
| | LOWER LIMIT | 199644 | 16.736 | 196186.5 | 20.99 | 226102.5 | 24.028 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK394 | 448060 | 17.24 | 467860 | 21.49 | 523010 | 24.53 |
| 02 | DCVX7ME | 388044 | 17.24 | 395052 | 21.49 | 462216 | 24.52 |
| 03 | DDC47ME | 401175 | 17.25 | 409170 | 21.49 | 481320 | 24.52 |
| 04 | DDCJ0ME | 381738 | 17.24 | 394523 | 21.49 | 463344 | 24.53 |
| 05 | DCVY6ME | 354881 | 17.25 | 362556 | 21.49 | 424263 | 24.53 |
| 06 | DCVZ0ME | 362413 | 17.24 | 366381 | 21.49 | 422676 | 24.52 |
| 07 | DCVZ1ME | 355300 | 17.25 | 359587 | 21.49 | 404557 | 24.53 |
| 08 | DDC04ME | 326974 | 17.24 | 330345 | 21.49 | 387424 | 24.53 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020497 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BG062911.D Time Analyzed: 17:07

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 369773 | 17.242 | 360756 | 21.49 | 418743 | 24.527 |
| | UPPER LIMIT | 739546 | 17.742 | 721512 | 21.99 | 837486 | 25.027 |
| | LOWER LIMIT | 184886.5 | 16.742 | 180378 | 20.99 | 209371.5 | 24.027 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK434 | 456562 | 17.24 | 459802 | 21.49 | 518453 | 24.53 |
| 02 | SVOC-GPC-BLANK | 360066 | 17.24 | 376930 | 21.49 | 419566 | 24.53 |
| 03 | SVOC-GPC2-BLANK | 383727 | 17.24 | 398165 | 21.49 | 458550 | 24.53 |
| 04 | DDC05ME | 337660 | 17.24 | 350314 | 21.49 | 410243 | 24.53 |
| 05 | DDCC1ME | 364172 | 17.24 | 369801 | 21.49 | 431669 | 24.54 |
| 06 | DDC46ME | 353867 | 17.24 | 352444 | 21.49 | 440797 | 24.54 |
| 07 | DCVY3ME | 334497 | 17.24 | 329755 | 21.49 | 389173 | 24.54 |
| 08 | C0B22 | 384005 | 17.24 | 388779 | 21.49 | 455171 | 24.53 |
| 09 | C0B27 | 408127 | 17.24 | 429043 | 21.49 | 491152 | 24.53 |
| 10 | C0AS1 | 427255 | 17.24 | 434826 | 21.49 | 499938 | 24.53 |
| 11 | C0B70 | 384354 | 17.24 | 392059 | 21.49 | 463305 | 24.53 |
| 12 | SLCS394 | 391535 | 17.24 | 392151 | 21.50 | 455960 | 24.54 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020498 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062924.D Time Analyzed: 02:21

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 331643 | 17.242 | 358293 | 21.496 | 409265 | 24.539 |
| | UPPER LIMIT | 663286 | 17.742 | 716586 | 21.996 | 818530 | 25.039 |
| | LOWER LIMIT | 165821.5 | 16.742 | 179146.5 | 20.996 | 204632.5 | 24.039 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK437 | 388173 | 17.24 | 401243 | 21.49 | 467231 | 24.54 |
| 02 | DDC73DL | 350540 | 17.24 | 370698 | 21.49 | 434906 | 24.54 |
| 03 | DDC51DL | 374837 | 17.24 | 385555 | 21.49 | 463459 | 24.53 |
| 04 | DDC52DL | 330130 | 17.24 | 339537 | 21.49 | 401249 | 24.53 |
| 05 | DDC53DL | 296306 | 17.24 | 300338 | 21.49 | 359429 | 24.53 |
| 06 | DCVZ9DL | 300826 | 17.24 | 313047 | 21.49 | 373686 | 24.54 |
| 07 | C0B21 | 379090 | 17.24 | 382382 | 21.49 | 445167 | 24.53 |
| 08 | C0AS3 | 382283 | 17.24 | 393316 | 21.49 | 468951 | 24.53 |
| 09 | C0AT1 | 383361 | 17.24 | 404918 | 21.49 | 467158 | 24.53 |
| 10 | C0AP7 | 379301 | 17.24 | 384997 | 21.49 | 433043 | 24.53 |
| 11 | C0AP9 | 372280 | 17.24 | 386339 | 21.49 | 441765 | 24.53 |
| 12 | C0AR0 | 386713 | 17.24 | 377203 | 21.49 | 446239 | 24.54 |
| 13 | SLCS434 | 364264 | 17.24 | 369515 | 21.49 | 422940 | 24.54 |
| 14 | SLCS437 | 381192 | 17.24 | 388113 | 21.49 | 444976 | 24.54 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020499 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062939.D Time Analyzed: 12:51

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 392379 | 17.239 | 398147 | 21.493 | 463128 | 24.536 |
| | UPPER LIMIT | 784758 | 17.739 | 796294 | 21.993 | 926256 | 25.036 |
| | LOWER LIMIT | 196189.5 | 16.739 | 199073.5 | 20.993 | 231564 | 24.036 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK458 | 302130 | 17.24 | 319746 | 21.49 | 373588 | 24.53 |
| 02 | DCVX7MEDL | 114941 * | 17.24 | 128217 * | 21.49 | 153529 * | 24.53 |
| 03 | DDCJ0MEDL | 294440 | 17.24 | 310867 | 21.49 | 379617 | 24.53 |
| 04 | DCVX7MEDL | 207409 | 17.24 | 200687 | 21.49 | 242863 | 24.53 |
| 05 | DCVZ0MEDL | 318854 | 17.24 | 335533 | 21.49 | 403926 | 24.53 |
| 06 | DCVZ1MEDL | 292121 | 17.24 | 314433 | 21.49 | 378711 | 24.53 |
| 07 | DCVZ1MEDL2 | 269334 | 17.24 | 306661 | 21.49 | 346343 | 24.53 |
| 08 | DDC47MEDL | 254047 | 17.24 | 277413 | 21.49 | 340784 | 24.53 |
| 09 | DCVY6MEDL | 253155 | 17.24 | 276274 | 21.49 | 331686 | 24.53 |
| 10 | DDC04MEDL | 271648 | 17.24 | 290880 | 21.49 | 350300 | 24.53 |
| 11 | DDC46MEDL | 248693 | 17.24 | 269913 | 21.49 | 321888 | 24.53 |
| 12 | DDC05MEDL | 317302 | 17.24 | 354444 | 21.49 | 418423 | 24.53 |
| 13 | DDCC1MEDL | 315996 | 17.24 | 337702 | 21.49 | 407059 | 24.53 |
| 14 | DCVX7MEDL | 311044 | 17.24 | 339934 | 21.49 | 401418 | 24.53 |
| 15 | SLCS458 | 360121 | 17.24 | 380955 | 21.49 | 456793 | 24.54 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020499 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BG062939.D Time Analyzed: 22:07

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

| | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 392379 | 17.239 | 398147 | 21.493 | 463128 | 24.536 |
| UPPER LIMIT | 784758 | 17.739 | 796294 | 21.993 | 926256 | 25.036 |
| LOWER LIMIT | 196189.5 | 16.739 | 199073.5 | 20.993 | 231564 | 24.036 |
| EPA SAMPLE NO. | | | | | | |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020500 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062955.D Time Analyzed: 00:06

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 380201 | 17.242 | 413287 | 21.489 | 484549 | 24.533 |
| | UPPER LIMIT | 760402 | 17.742 | 826574 | 21.989 | 969098 | 25.033 |
| | LOWER LIMIT | 190100.5 | 16.742 | 206643.5 | 20.989 | 242274.5 | 24.033 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK458 | 334974 | 17.24 | 361910 | 21.49 | 412670 | 24.53 |
| 02 | SBLK429 | 333436 | 17.24 | 360970 | 21.49 | 424314 | 24.53 |
| 03 | DCVY3MEDL | 323185 | 17.24 | 343501 | 21.49 | 412888 | 24.53 |
| 04 | C0B39 | 367200 | 17.24 | 392641 | 21.49 | 456649 | 24.53 |
| 05 | C0B44 | 326272 | 17.24 | 354134 | 21.49 | 412031 | 24.53 |
| 06 | C0B45 | 345754 | 17.24 | 359329 | 21.49 | 416985 | 24.53 |
| 07 | C0B50 | 356754 | 17.24 | 385185 | 21.49 | 458171 | 24.53 |
| 08 | DDCG8 | 376948 | 17.24 | 382333 | 21.49 | 461602 | 24.53 |
| 09 | DDC13ME | 282114 | 17.24 | 298113 | 21.49 | 362877 | 24.53 |
| 10 | DDC14ME | 162878 * | 17.24 | 183613 * | 21.49 | 222024 * | 24.52 |
| 11 | DDC60ME | 49991 * | 17.24 | 62343 * | 21.48 | 73437 * | 24.53 |
| 12 | DDC78ME | 212713 | 17.24 | 236848 | 21.49 | 288330 | 24.52 |
| 13 | DDC90ME | 220946 | 17.24 | 236108 | 21.49 | 287804 | 24.53 |
| 14 | DDC59ME | 283958 | 17.24 | 296415 | 21.49 | 357982 | 24.53 |
| 15 | SLCS429 | 341308 | 17.24 | 351665 | 21.49 | 427788 | 24.53 |

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020500 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062955.D Time Analyzed: 09:18

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

| | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 380201 | 17.242 | 413287 | 21.489 | 484549 | 24.533 |
| UPPER LIMIT | 760402 | 17.742 | 826574 | 21.989 | 969098 | 25.033 |
| LOWER LIMIT | 190100.5 | 16.742 | 206643.5 | 20.989 | 242274.5 | 24.033 |
| EPA SAMPLE NO. | | | | | | |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

EPA Sample No.: SSTD020501 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BG062971.D Time Analyzed: 10:38

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 300031 | 17.236 | 323878 | 21.49 | 382827 | 24.527 |
| | UPPER LIMIT | 600062 | 17.736 | 647756 | 21.99 | 765654 | 25.027 |
| | LOWER LIMIT | 150015.5 | 16.736 | 161939 | 20.99 | 191413.5 | 24.027 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | SBLK429 | 359240 | 17.24 | 383419 | 21.49 | 448436 | 24.52 |
| 02 | DDC14ME | 319861 | 17.24 | 332290 | 21.48 | 409284 | 24.53 |
| 03 | DDC60ME | 305387 | 17.24 | 312790 | 21.49 | 381592 | 24.53 |
| 04 | DCVY6MEDL2 | 294049 | 17.24 | 306027 | 21.49 | 371237 | 24.53 |
| 05 | DDC78MEDL | 285628 | 17.24 | 300901 | 21.49 | 366163 | 24.53 |
| 06 | DDC13MEDL | 288496 | 17.24 | 312921 | 21.48 | 379245 | 24.53 |
| 07 | DDC90MEDL | 303530 | 17.24 | 324478 | 21.48 | 382157 | 24.53 |
| 08 | DDC14MEDL | 315801 | 17.24 | 353978 | 21.49 | 423203 | 24.53 |
| 09 | DDC59MEDL | 287479 | 17.24 | 312593 | 21.49 | 371180 | 24.53 |
| 10 | DDC60MEDL | 290710 | 17.24 | 310067 | 21.49 | 371919 | 24.53 |
| 11 | AR1660-50PPM | 309509 | 17.24 | 348822 | 21.49 | 407086 | 24.53 |
| 12 | SBLK407 | 305384 | 17.24 | 327252 | 21.49 | 383154 | 24.53 |
| 13 | A0BC9 | 301850 | 17.24 | 328716 | 21.48 | 286452 | 24.53 |
| 14 | A0BD0 | 292307 | 17.24 | 321870 | 21.49 | 387991 | 24.53 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163394BS | 1,4-Dioxane | 16000 | 8800 | ug/Kg | 55 | | | | 0 | 0 | |
| | Benzaldehyde | 40000 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Pyridine | 40000 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Phenol | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | 2-Methylphenol | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40000 | 24000 | ug/Kg | 60 | | | | 0 | 0 | |
| | Acetophenone | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | 4-Methylphenol | 40000 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40000 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | Hexachloroethane | 40000 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | Nitrobenzene | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Isophorone | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40000 | 21000 | ug/Kg | 52 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Naphthalene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40000 | 22000 | ug/Kg | 55 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | Caprolactam | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40000 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40000 | 24000 | ug/Kg | 60 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40000 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |
| | Dimethylphthalate | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | Acenaphthylene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40000 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |
| | Acenaphthene | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40000 | 32000 | ug/Kg | 80 | | | | 0 | 0 | |
| | Dibenzofuran | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | Diethylphthalate | 40000 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | Fluorene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40000 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163394BS | 4,6-Dinitro-2-methylphenol | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40000 | 30000 | ug/Kg | 75 | | | | 0 | 0 | |
| | Atrazine | 40000 | 0 | ug/Kg | 0 | | | | 0 | 0 | |
| | Pentachlorophenol | 40000 | 21000 | ug/Kg | 52 | | | | 0 | 0 | |
| | Phenanthrene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Anthracene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Carbazole | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Fluoranthene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Pyrene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Chrysene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40000 | 26000 | ug/Kg | 65 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40000 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40000 | 28000 | ug/Kg | 70 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40000 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40000 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163429BS | 1,4-Dioxane | 15800 | 8700 | ug/Kg | 55 | | | | 0 | 0 | |
| | Benzaldehyde | 39600 | 17000 | ug/Kg | 43 | | | | 0 | 0 | |
| | Pyridine | 39600 | 18000 | ug/Kg | 45 | | | | 0 | 0 | |
| | Phenol | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | 2-Chlorophenol | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2-Methylphenol | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 39600 | 21000 | ug/Kg | 53 | | | | 0 | 0 | |
| | Acetophenone | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 4-Methylphenol | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Hexachloroethane | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | Nitrobenzene | 39600 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Isophorone | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2-Nitrophenol | 39600 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 39600 | 28000 | ug/Kg | 71 | | | | 0 | 0 | |
| | Naphthalene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 4-Chloroaniline | 39600 | 22000 | ug/Kg | 56 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 39600 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |
| | Caprolactam | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 39600 | 28000 | ug/Kg | 71 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | 2-Nitroaniline | 39600 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Dimethylphthalate | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 39600 | 28000 | ug/Kg | 71 | | | | 0 | 0 | |
| | Acenaphthylene | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 3-Nitroaniline | 39600 | 28000 | ug/Kg | 71 | | | | 0 | 0 | |
| | Acenaphthene | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 39600 | 30000 | ug/Kg | 76 | | | | 0 | 0 | |
| | 4-Nitrophenol | 39600 | 32000 | ug/Kg | 81 | | | | 0 | 0 | |
| | Dibenzofuran | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Diethylphthalate | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Fluorene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 39600 | 28000 | ug/Kg | 71 | | | | 0 | 0 | |
| | 4-Nitroaniline | 39600 | 30000 | ug/Kg | 76 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163429BS | 4,6-Dinitro-2-methylphenol | 39600 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 39600 | 30000 | ug/Kg | 76 | | | | 0 | 0 | |
| | Hexachlorobenzene | 39600 | 31000 | ug/Kg | 78 | | | | 0 | 0 | |
| | Atrazine | 39600 | 0 | ug/Kg | 0 | | | | 0 | 0 | |
| | Pentachlorophenol | 39600 | 21000 | ug/Kg | 53 | | | | 0 | 0 | |
| | Phenanthrene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Pentachlorobenzene | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | Anthracene | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 39600 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Carbazole | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | Fluoranthene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Pyrene | 39600 | 25000 | ug/Kg | 63 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 39600 | 29000 | ug/Kg | 73 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Chrysene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 39600 | 23000 | ug/Kg | 58 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 39600 | 22000 | ug/Kg | 56 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 39600 | 26000 | ug/Kg | 66 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 39600 | 24000 | ug/Kg | 61 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 39600 | 27000 | ug/Kg | 68 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 39600 | 21000 | ug/Kg | 53 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163434BS | 1,4-Dioxane | 16 | 10 | ug/L | 63 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Pyridine | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Phenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Acetophenone | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Isophorone | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Naphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Caprolactam | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 33 | ug/L | 83 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Fluorene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163434BS | 4,6-Dinitro-2-methylphenol | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Atrazine | 40 | | ug/L | 0 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Anthracene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Carbazole | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Pyrene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Chrysene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 30 | ug/L | 75 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163437BS | 1,4-Dioxane | 16 | 8.7 | ug/L | 54 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Pyridine | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Phenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Acetophenone | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Isophorone | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Naphthalene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Caprolactam | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Fluorene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163437BS | 4,6-Dinitro-2-methylphenol | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 31 | ug/L | 78 | | | | 0 | 0 | |
| | Atrazine | 40 | | ug/L | 0 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Anthracene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Carbazole | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Pyrene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Chrysene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 27 | ug/L | 68 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 28 | ug/L | 70 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163458BS | 1,4-Dioxane | 16 | 6.7 | ug/L | 42 | | | | 0 | 0 | |
| | Benzaldehyde | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Pyridine | 40 | 19 | ug/L | 48 | | | | 0 | 0 | |
| | Phenol | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Bis(2-chloroethyl)ether | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | 2-Chlorophenol | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | 2-Methylphenol | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | 2,2-oxybis(1-Chloropropane) | 40 | 19 | ug/L | 48 | | | | 0 | 0 | |
| | Acetophenone | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 4-Methylphenol | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | N-Nitroso-di-n-propylamine | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | Hexachloroethane | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Nitrobenzene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Isophorone | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2-Nitrophenol | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,4-Dimethylphenol | 40 | 19 | ug/L | 48 | | | | 0 | 0 | |
| | Bis(2-chloroethoxy)methane | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,4-Dichlorophenol | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Naphthalene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 4-Chloroaniline | 40 | 19 | ug/L | 48 | | | | 0 | 0 | |
| | Hexachlorobutadiene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Caprolactam | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 4-Chloro-3-methylphenol | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | 1-Methylnaphthalene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2-Methylnaphthalene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Hexachlorocyclopentadiene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2,4,6-Trichlorophenol | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | 2,4,5-Trichlorophenol | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | 1,1'-Biphenyl | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2-Chloronaphthalene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2-Nitroaniline | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Dimethylphthalate | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2,6-Dinitrotoluene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Acenaphthylene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 3-Nitroaniline | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Acenaphthene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 2,4-Dinitrophenol | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | 4-Nitrophenol | 40 | 29 | ug/L | 73 | | | | 0 | 0 | |
| | Dibenzofuran | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | 2,4-Dinitrotoluene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Diethylphthalate | 40 | 20 | ug/L | 50 | | | | 0 | 0 | |
| | Fluorene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | 4-Chlorophenyl-phenylether | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 4-Nitroaniline | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

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

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB163458BS | 4,6-Dinitro-2-methylphenol | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | N-Nitrosodiphenylamine | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 1,2,4,5-Tetrachlorobenzene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | 4-Bromophenyl-phenylether | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Hexachlorobenzene | 40 | 26 | ug/L | 65 | | | | 0 | 0 | |
| | Atrazine | 40 | | ug/L | 0 | | | | 0 | 0 | |
| | Pentachlorophenol | 40 | 17 | ug/L | 43 | | | | 0 | 0 | |
| | Phenanthrene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Pentachlorobenzene | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Anthracene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 1,2,3,4-Tetrachlorobenzene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Carbazole | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Di-n-butylphthalate | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Fluoranthene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Pyrene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Butylbenzylphthalate | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | 3,3'-Dichlorobenzidine | 40 | 25 | ug/L | 63 | | | | 0 | 0 | |
| | Benzo(a)anthracene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Chrysene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Bis(2-ethylhexyl)phthalate | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Di-n-octylphthalate | 40 | 21 | ug/L | 52 | | | | 0 | 0 | |
| | Benzo(b)fluoranthene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Benzo(k)fluoranthene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Benzo(a)pyrene | 40 | 22 | ug/L | 55 | | | | 0 | 0 | |
| | Indeno(1,2,3-cd)pyrene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | Dibenzo(a,h)anthracene | 40 | 24 | ug/L | 60 | | | | 0 | 0 | |
| | Benzo(g,h,i)perylene | 40 | 23 | ug/L | 58 | | | | 0 | 0 | |
| | 2,3,4,6-Tetrachlorophenol | 40 | 19 | ug/L | 48 | | | | 0 | 0 | |

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK407

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062983.D Lab Sample ID: PB163407BL

Instrument ID: BNA_G Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 09/20/2024

Level: (low/med) LOW Time Analyzed: 18:05

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| A0BC9 | P3991-01 | BG062984.D | 09/20/2024 |
| A0BD0 | P3991-02 | BG062985.D | 09/20/2024 |
| AR1660-50PPM | AR1660-50PPM | BG062982.D | 09/20/2024 |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK394

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062903.D Lab Sample ID: PB163394BL

Instrument ID: BNA_G Date Extracted: 09/13/2024

Matrix: (soil/water) Solid Date Analyzed: 09/18/2024

Level: (low/med) MED Time Analyzed: 11:13

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| DCVX7ME | P3877-02ME | BG062904.D | 09/18/2024 |
| DDC47ME | P3878-03ME | BG062905.D | 09/18/2024 |
| DDCJ0ME | P3878-07ME | BG062906.D | 09/18/2024 |
| DCVY6ME | P3878-08ME | BG062907.D | 09/18/2024 |
| DCVZ0ME | P3878-12ME | BG062908.D | 09/18/2024 |
| DCVZ1ME | P3878-13ME | BG062909.D | 09/18/2024 |
| DDC04ME | P3878-15ME | BG062910.D | 09/18/2024 |
| DDC05ME | P3878-16ME | BG062915.D | 09/18/2024 |
| DDCC1ME | P3878-18ME | BG062916.D | 09/18/2024 |
| DDC46ME | P3878-02ME | BG062917.D | 09/18/2024 |
| DCVY3ME | P3877-10ME | BG062918.D | 09/18/2024 |
| PB163394BS | PB163394BS | BG062923.D | 09/19/2024 |
| DCVX7MEDL | P3877-02MEDL | BG062941.D | 09/19/2024 |
| DDCJ0MEDL | P3878-07MEDL | BG062942.D | 09/19/2024 |
| DCVX7MEDL | P3877-02MEDL | BG062943.D | 09/19/2024 |
| DCVZ0MEDL | P3878-12MEDL | BG062944.D | 09/19/2024 |
| DCVZ1MEDL | P3878-13MEDL | BG062945.D | 09/19/2024 |
| DCVZ1MEDL2 | P3878-13MEDL2 | BG062946.D | 09/19/2024 |
| DDC47MEDL | P3878-03MEDL | BG062947.D | 09/19/2024 |
| DCVY6MEDL | P3878-08MEDL | BG062948.D | 09/19/2024 |
| DDC04MEDL | P3878-15MEDL | BG062949.D | 09/19/2024 |
| DDC46MEDL | P3878-02MEDL | BG062950.D | 09/19/2024 |
| DDC05MEDL | P3878-16MEDL | BG062951.D | 09/19/2024 |
| DDCC1MEDL | P3878-18MEDL | BG062952.D | 09/19/2024 |
| DCVX7MEDL | P3877-02MEDL | BG062953.D | 09/19/2024 |

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

DCVY3MEDL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062958.D Lab Sample ID: P3877-10MEDL

Instrument ID: BNA_G Date Extracted: 09/13/2024

Matrix: (soil/water) Solid Date Analyzed: 09/20/2024

Level: (low/med) MED Time Analyzed: 01:25

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| DCVY3MEDL | P3877-10MEDL | BG062958.D | 09/20/2024 |
| DCVY6MEDL2 | P3878-08MEDL2 | BG062975.D | 09/20/2024 |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062913.D Lab Sample ID: P3996-05

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Solid Date Analyzed: 09/18/2024

Level: (low/med) LOW Time Analyzed: 17:47

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| SVOC-GPC-BLANK | P3996-05 | BG062913.D | 09/18/2024 |

COMMENTS:

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062914.D Lab Sample ID: P3996-10

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Solid Date Analyzed: 09/18/2024

Level: (low/med) LOW Time Analyzed: 18:27

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| SVOC-GPC2-BLANK | P3996-10 | BG062914.D | 09/18/2024 |

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK429

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062957.D Lab Sample ID: PB163429BL

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Solid Date Analyzed: 09/20/2024

Level: (low/med) MED Time Analyzed: 00:45

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| DDC14ME | P3898-03ME | BG062973.D | 09/20/2024 |
| DDC60ME | P3898-09ME | BG062974.D | 09/20/2024 |
| DDC78MEDL | P3898-13MEDL | BG062976.D | 09/20/2024 |
| DDC13MEDL | P3898-02MEDL | BG062977.D | 09/20/2024 |
| DDC90MEDL | P3898-17MEDL | BG062978.D | 09/20/2024 |
| DDC14MEDL | P3898-03MEDL | BG062979.D | 09/20/2024 |
| DDC59MEDL | P3898-20MEDL | BG062980.D | 09/20/2024 |
| DDC60MEDL | P3898-09MEDL | BG062981.D | 09/20/2024 |
| DDC13ME | P3898-02ME | BG062964.D | 09/20/2024 |
| DDC14ME | P3898-03ME | BG062965.D | 09/20/2024 |
| DDC60ME | P3898-09ME | BG062966.D | 09/20/2024 |
| DDC78ME | P3898-13ME | BG062967.D | 09/20/2024 |
| DDC90ME | P3898-17ME | BG062968.D | 09/20/2024 |
| DDC59ME | P3898-20ME | BG062969.D | 09/20/2024 |
| PB163429BS | PB163429BS | BG062970.D | 09/20/2024 |

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK434

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062912.D Lab Sample ID: PB163434BL

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Water Date Analyzed: 09/18/2024

Level: (low/med) LOW Time Analyzed: 17:07

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| C0B22 | P3994-06 | BG062919.D | 09/18/2024 |
| C0B27 | P3994-07 | BG062920.D | 09/18/2024 |
| C0AS1 | P3997-10 | BG062921.D | 09/18/2024 |
| C0B70 | P3994-02 | BG062922.D | 09/18/2024 |
| C0B21 | P3994-05 | BG062931.D | 09/19/2024 |
| PB163434BS | PB163434BS | BG062937.D | 09/19/2024 |

COMMENTS:

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK437

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062925.D Lab Sample ID: PB163437BL

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Water Date Analyzed: 09/19/2024

Level: (low/med) LOW Time Analyzed: 02:21

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| C0AS3 | P3997-11 | BG062932.D | 09/19/2024 |
| C0AT1 | P3997-12 | BG062933.D | 09/19/2024 |
| C0AP7 | P3997-13 | BG062934.D | 09/19/2024 |
| C0AP9 | P3997-14 | BG062935.D | 09/19/2024 |
| C0AR0 | P3997-15 | BG062936.D | 09/19/2024 |
| PB163437BS | PB163437BS | BG062938.D | 09/19/2024 |

COMMENTS:

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4B

# SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK458

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091824 SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062940.D Lab Sample ID: PB163458BL

Instrument ID: BNA_G Date Extracted: 09/16/2024

Matrix: (soil/water) Water Date Analyzed: 09/19/2024

Level: (low/med) LOW Time Analyzed: 12:51

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| C0B39 | P3994-08 | BG062959.D | 09/20/2024 |
| C0B44 | P3994-09 | BG062960.D | 09/20/2024 |
| C0B45 | P3994-10 | BG062961.D | 09/20/2024 |
| C0B50 | P3994-11 | BG062962.D | 09/20/2024 |
| DDCG8 | P4013-01 | BG062963.D | 09/20/2024 |
| PB163458BS | PB163458BS | BG062954.D | 09/19/2024 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| AR1660-50PPM | AR1660-50PPM | BG062982.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 20 | 130 |
| P3991-01 | A0BC9 | BG062984.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 20 | 130 |
| P3991-02 | A0BD0 | BG062985.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3991-02 | A0BD0 | BG062985.D | Fluorene-d10 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 20 | 130 |
| PB163407BL | PB163407BL | BG062983.D | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 0.00 | 0 | * | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 25 | 130 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3899-05DL | DCVZ9DL | BG062930.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 27.42 | 69 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 47.66 | 119 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 26.40 | 66 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 18.26 | 46 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 23.00 | 57 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.74 | 64 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 37.82 | 95 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 29.18 | 73 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 25.52 | 64 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 33.18 | 83 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 117.36 | 293 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 28.44 | 71 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 26.42 | 66 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 25.92 | 65 | | 10 | 140 |
| P3899-15DL | DDC51DL | BG062927.D | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Phenol-d5 | 40 | 17.61 | 44 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 15.18 | 38 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 14.28 | 36 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 17.57 | 44 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 14.90 | 37 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 17.12 | 43 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 16.21 | 41 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 14.69 | 37 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 18.30 | 46 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 17.39 | 43 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 12.13 | 30 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 17.81 | 45 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 9.49 | 24 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.40 | 46 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 17.48 | 44 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 17.35 | 43 | | 10 | 140 |
| P3899-16DL | DDC52DL | BG062928.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.04 | 58 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 42.83 | 107 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 19.97 | 50 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 14.76 | 37 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 26.91 | 67 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 27.38 | 68 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.71 | 62 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.69 | 59 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.93 | 60 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 20.35 | 51 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3899-16DL | DDC52DL | BG062928.D | Fluorene-d10 | 40 | 23.49 | 59 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 22.61 | 57 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.13 | 58 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 23.21 | 58 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.11 | 55 | | 10 | 140 |
| P3899-17DL | DDC53DL | BG062929.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 9.04 | 23 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.48 | 59 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 13.16 | 33 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 10.54 | 26 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 11.54 | 29 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 13.26 | 33 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 17.00 | 43 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 15.48 | 39 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 17.80 | 44 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 15.36 | 38 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 13.08 | 33 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 10.22 | 26 | | 10 | 140 |
| P3899-22DL | DDC73DL | BG062926.D | Pyridine-d5 | 40 | 11.23 | 28 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 3.37 | 42 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 19.06 | 48 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.46 | 51 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 18.40 | 46 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 19.26 | 48 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 17.92 | 45 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 19.65 | 49 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 17.92 | 45 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 16.21 | 41 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 20.87 | 52 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 20.84 | 52 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 15.90 | 40 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 21.68 | 54 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 14.94 | 37 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 20.21 | 51 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 19.55 | 49 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 20.03 | 50 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3877-02ME | DCVX7ME | BG062904.D | 1,4-Dioxane-d8 | 8 | 3.14 | 39 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 16.56 | 41 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 21.03 | 53 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 21.78 | 54 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 20.11 | 50 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.22 | 53 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.72 | 54 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.83 | 55 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.83 | 52 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 21.79 | 54 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.97 | 57 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.01 | 58 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 20.68 | 52 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.11 | 58 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 21.57 | 54 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.67 | 59 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.69 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.39 | 58 | | 10 | 140 |
| P3877-02MEDL | DCVX7MEDL | BG062941.D | 1,4-Dioxane-d8 | 8 | 12.09 | 151 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 50.42 | 126 | * | 20 | 120 |
| | | BG062943.D | 1,4-Dioxane-d8 | 8 | 6.29 | 79 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 28.77 | 72 | | 20 | 120 |
| | | BG062953.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 17.75 | 44 | | 10 | 130 |
| | | BG062943.D | Phenol-d5 | 40 | 37.07 | 93 | | 10 | 130 |
| | | BG062941.D | Phenol-d5 | 40 | 57.60 | 144 | * | 10 | 130 |
| | | BG062943.D | Bis(2-Chloroethyl)ether-d8 | 40 | 42.37 | 106 | | 10 | 150 |
| | | BG062953.D | Bis(2-Chloroethyl)ether-d8 | 40 | 19.02 | 48 | | 10 | 150 |
| | | BG062941.D | Bis(2-Chloroethyl)ether-d8 | 40 | 66.42 | 166 | * | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 66.44 | 166 | * | 15 | 120 |
| | | BG062953.D | 2-Chlorophenol-d4 | 40 | 18.67 | 47 | | 15 | 120 |
| | | BG062943.D | 2-Chlorophenol-d4 | 40 | 36.17 | 90 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 40.03 | 100 | | 10 | 140 |
| | | BG062953.D | 4-Methylphenol-d8 | 40 | 17.58 | 44 | | 10 | 140 |
| | | BG062941.D | 4-Methylphenol-d8 | 40 | 57.67 | 144 | * | 10 | 140 |
| | | BG062953.D | Nitrobenzene-d5 | 40 | 16.58 | 41 | | 10 | 135 |
| | | BG062941.D | Nitrobenzene-d5 | 40 | 62.23 | 156 | * | 10 | 135 |
| | | BG062943.D | Nitrobenzene-d5 | 40 | 37.84 | 95 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 41.19 | 103 | | 10 | 120 |
| | | BG062953.D | 2-Nitrophenol-d4 | 40 | 20.13 | 50 | | 10 | 120 |
| | | BG062941.D | 2-Nitrophenol-d4 | 40 | 61.58 | 154 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 53.54 | 134 | | 10 | 140 |
| | | BG062953.D | 2,4-Dichlorophenol-d3 | 40 | 18.51 | 46 | | 10 | 140 |
| | | BG062943.D | 2,4-Dichlorophenol-d3 | 40 | 34.91 | 87 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 35.82 | 90 | | 1 | 145 |
| | | BG062941.D | 4-Chloroaniline-d4 | 40 | 59.98 | 150 | * | 1 | 145 |
| | | BG062953.D | 4-Chloroaniline-d4 | 40 | 18.31 | 46 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.52 | 56 | | 10 | 145 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3877-02MEDL | DCVX7MEDL | BG062943.D | Dimethylphthalate-d6 | 40 | 46.20 | 115 | | 10 | 145 |
| | | BG062941.D | Dimethylphthalate-d6 | 40 | 72.72 | 182 | * | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 63.78 | 159 | * | 15 | 120 |
| | | BG062943.D | Acenaphthylene-d8 | 40 | 40.37 | 101 | | 15 | 120 |
| | | BG062953.D | Acenaphthylene-d8 | 40 | 21.15 | 53 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | BG062943.D | 4-Nitrophenol-d4 | 40 | 24.86 | 62 | | 10 | 150 |
| | | BG062941.D | 4-Nitrophenol-d4 | 40 | 36.36 | 91 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 70.94 | 177 | * | 20 | 140 |
| | | BG062943.D | Fluorene-d10 | 40 | 46.61 | 117 | | 20 | 140 |
| | | BG062953.D | Fluorene-d10 | 40 | 24.20 | 61 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | BG062943.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 25.56 | 64 | | 10 | 130 |
| | | BG062941.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 36.06 | 90 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 68.50 | 171 | * | 10 | 150 |
| | | BG062943.D | Anthracene-d10 | 40 | 41.43 | 104 | | 10 | 150 |
| | | BG062953.D | Anthracene-d10 | 40 | 21.43 | 54 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.93 | 52 | | 10 | 130 |
| | | BG062943.D | Pyrene-d10 | 40 | 42.08 | 105 | | 10 | 130 |
| | | BG062941.D | Pyrene-d10 | 40 | 65.87 | 165 | * | 10 | 130 |
| | | BG062943.D | Benzo(a)pyrene-d12 | 40 | 41.64 | 104 | | 10 | 140 |
| | | BG062953.D | Benzo(a)pyrene-d12 | 40 | 22.28 | 56 | | 10 | 140 |
| | | BG062941.D | Benzo(a)pyrene-d12 | 40 | 68.16 | 170 | * | 10 | 140 |
| P3877-10ME | DCVY3ME | BG062918.D | 1,4-Dioxane-d8 | 8 | 1.62 | 20 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 10.95 | 27 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 14.74 | 37 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 15.48 | 39 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 15.38 | 38 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 14.93 | 37 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 16.54 | 41 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 17.61 | 44 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 16.64 | 42 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 15.81 | 40 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 18.46 | 46 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 18.03 | 45 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 14.77 | 37 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.48 | 46 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 15.36 | 38 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.32 | 46 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 18.38 | 46 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 18.85 | 47 | | 10 | 140 |
| P3877-10MEDL | DCVY3MEDL | BG062958.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 13.28 | 33 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 14.92 | 37 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 14.08 | 35 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 12.96 | 32 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 14.76 | 37 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 12.47 | 31 | | 10 | 120 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3877-10MEDL | DCVY3MEDL | BG062958.D | 2,4-Dichlorophenol-d3 | 40 | 15.97 | 40 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 13.55 | 34 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 14.84 | 37 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 16.01 | 40 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 17.14 | 43 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 17.03 | 43 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 17.27 | 43 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 16.89 | 42 | | 10 | 140 |
| P3878-02ME | DDC46ME | BG062917.D | Pyridine-d5 | 40 | 12.39 | 31 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 2.03 | 25 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 16.35 | 41 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 17.79 | 44 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 16.64 | 42 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 17.32 | 43 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 17.16 | 43 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 18.86 | 47 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 17.32 | 43 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 17.79 | 44 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 19.92 | 50 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 19.03 | 48 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 17.69 | 44 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 19.60 | 49 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 16.22 | 41 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 19.51 | 49 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.00 | 50 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 19.12 | 48 | | 10 | 140 |
| P3878-02MEDL | DDC46MEDL | BG062950.D | Pyridine-d5 | 40 | 16.24 | 41 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Phenol-d5 | 40 | 18.08 | 45 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.99 | 52 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 17.98 | 45 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 19.01 | 48 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 19.71 | 49 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.75 | 54 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.10 | 48 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 20.31 | 51 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.80 | 57 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.62 | 54 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 14.46 | 36 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.77 | 59 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 12.81 | 32 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.15 | 60 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.61 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 24.18 | 60 | | 10 | 140 |
| P3878-03ME | DDC47ME | BG062905.D | 1,4-Dioxane-d8 | 8 | 2.69 | 34 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 12.34 | 31 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 17.22 | 43 | | 10 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-03ME | DDC47ME | BG062905.D | Bis(2-Chloroethyl)ether-d8 | 40 | 17.15 | 43 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 16.20 | 40 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 17.81 | 45 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 19.71 | 49 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.07 | 53 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 18.04 | 45 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 19.01 | 48 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 18.11 | 45 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 18.59 | 46 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 15.47 | 39 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.11 | 45 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.04 | 45 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.11 | 45 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 17.68 | 44 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 17.89 | 45 | | 10 | 140 |
| P3878-03MEDL | DDC47MEDL | BG062947.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 18.28 | 46 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.50 | 59 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 21.35 | 53 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 20.10 | 50 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 17.58 | 44 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 22.65 | 57 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.25 | 51 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 18.04 | 45 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.39 | 58 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.63 | 59 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 11.87 | 30 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.55 | 56 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.05 | 60 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.70 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.71 | 59 | | 10 | 140 |
| P3878-07ME | DDCJ0ME | BG062906.D | 1,4-Dioxane-d8 | 8 | 3.40 | 43 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 15.20 | 38 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 20.19 | 50 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.80 | 52 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 20.85 | 52 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.78 | 54 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 20.93 | 52 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.76 | 54 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.54 | 49 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 19.25 | 48 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 21.70 | 54 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.58 | 54 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 17.17 | 43 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 21.74 | 54 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.57 | 46 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 21.86 | 55 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-07ME | DDCJ0ME | BG062906.D | Pyrene-d10 | 40 | 21.76 | 54 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 21.61 | 54 | | 10 | 140 |
| P3878-07MEDL | DDCJ0MEDL | BG062942.D | Pyridine-d5 | 40 | 16.98 | 42 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 2.67 | 33 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 21.85 | 55 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.21 | 58 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 22.65 | 57 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 23.74 | 59 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.50 | 54 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.38 | 53 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.35 | 53 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 21.97 | 55 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.78 | 59 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.63 | 59 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 11.91 | 30 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 25.00 | 62 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 12.30 | 31 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.08 | 60 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 23.51 | 59 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.41 | 59 | | 10 | 140 |
| P3878-08ME | DCVY6ME | BG062907.D | 1,4-Dioxane-d8 | 8 | 3.43 | 43 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 16.90 | 42 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 21.14 | 53 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 22.67 | 57 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 21.05 | 53 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 22.21 | 56 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 24.42 | 61 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 25.82 | 65 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.10 | 58 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 21.95 | 55 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.02 | 58 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.25 | 58 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 20.67 | 52 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.30 | 58 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.92 | 52 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.06 | 58 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.76 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.19 | 58 | | 10 | 140 |
| P3878-08MEDL | DCVY6MEDL | BG062948.D | 1,4-Dioxane-d8 | 8 | 4.67 | 58 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 23.13 | 58 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 27.00 | 68 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 27.51 | 69 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 27.33 | 68 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 29.66 | 74 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 31.80 | 79 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 29.06 | 73 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 30.86 | 77 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 28.82 | 72 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 32.12 | 80 | | 10 | 145 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-08MEDL | DCVY6MEDL | BG062948.D | Acenaphthylene-d8 | 40 | 30.40 | 76 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 25.34 | 63 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 32.44 | 81 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 16.85 | 42 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.99 | 80 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 31.79 | 79 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 31.64 | 79 | | 10 | 140 |
| P3878-08MEDL2 | DCVY6MEDL2 | BG062975.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 38.10 | 95 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 42.60 | 106 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 34.70 | 87 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 35.20 | 88 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 22.60 | 56 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 32.70 | 82 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 44.60 | 112 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 40.50 | 101 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 46.80 | 117 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 45.90 | 115 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 40.50 | 101 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 46.50 | 116 | | 10 | 140 |
| P3878-12ME | DCVZ0ME | BG062908.D | 1,4-Dioxane-d8 | 8 | 2.27 | 28 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 9.47 | 24 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 14.79 | 37 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 15.64 | 39 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 14.41 | 36 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 15.87 | 40 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 16.28 | 41 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 16.72 | 42 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 15.63 | 39 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 16.02 | 40 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 17.96 | 45 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 17.60 | 44 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 14.08 | 35 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.54 | 46 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 15.28 | 38 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.33 | 46 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 18.19 | 45 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 18.63 | 47 | | 10 | 140 |
| P3878-12MEDL | DCVZ0MEDL | BG062944.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.51 | 16 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 14.27 | 36 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 15.79 | 39 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 12.54 | 31 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 16.04 | 40 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-12MEDL | DCVZ0MEDL | BG062944.D | Nitrobenzene-d5 | 40 | 17.39 | 43 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 15.57 | 39 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 16.67 | 42 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 15.40 | 38 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 17.62 | 44 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 17.63 | 44 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 8.56 | 21 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.68 | 47 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 19.66 | 49 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 17.92 | 45 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 18.82 | 47 | | 10 | 140 |
| P3878-13ME | DCVZ1ME | BG062909.D | 1,4-Dioxane-d8 | 8 | 3.44 | 43 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 16.01 | 40 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 18.81 | 47 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 21.12 | 53 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 19.73 | 49 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 20.13 | 50 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.96 | 55 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 22.37 | 56 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.76 | 52 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 21.09 | 53 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 20.72 | 52 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.14 | 53 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 19.71 | 49 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 20.68 | 52 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.12 | 45 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 20.84 | 52 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.42 | 51 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 21.81 | 55 | | 10 | 140 |
| P3878-13MEDL | DCVZ1MEDL | BG062945.D | 1,4-Dioxane-d8 | 8 | 3.03 | 38 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 15.13 | 38 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 20.05 | 50 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.18 | 50 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 19.76 | 49 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 20.69 | 52 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.82 | 55 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 22.24 | 56 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.26 | 51 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.17 | 58 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 21.78 | 54 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.95 | 55 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 16.02 | 40 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 24.22 | 61 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.02 | 45 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.96 | 60 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.40 | 56 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.71 | 59 | | 10 | 140 |
| P3878-13MEDL2 | DCVZ1MEDL2 | BG062946.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-13MEDL2 | DCVZ1MEDL2 | BG062946.D | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 25.75 | 64 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 22.85 | 57 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 29.35 | 73 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 29.20 | 73 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.25 | 56 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.20 | 68 | | 10 | 140 |
| P3878-15ME | DDC04ME | BG062910.D | 1,4-Dioxane-d8 | 8 | 2.66 | 33 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 8.06 | 20 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 20.40 | 51 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 22.17 | 55 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 20.08 | 50 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.06 | 53 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.39 | 53 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.53 | 54 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.61 | 49 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 18.77 | 47 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 20.63 | 52 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.86 | 55 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 18.49 | 46 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 21.67 | 54 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 19.14 | 48 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.18 | 55 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 21.61 | 54 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.51 | 56 | | 10 | 140 |
| P3878-15MEDL | DDC04MEDL | BG062949.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 21.99 | 55 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 24.40 | 61 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 21.36 | 53 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.26 | 53 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 23.20 | 58 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 15.80 | 40 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.96 | 52 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 22.11 | 55 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 24.88 | 62 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 25.76 | 64 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.23 | 66 | | 20 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-15MEDL | DDC04MEDL | BG062949.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 10.97 | 27 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 26.63 | 67 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 25.54 | 64 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 25.00 | 63 | | 10 | 140 |
| P3878-16ME | DDC05ME | BG062915.D | Pyridine-d5 | 40 | 12.48 | 31 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 2.72 | 34 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 18.97 | 47 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.17 | 50 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 18.73 | 47 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 19.63 | 49 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 17.89 | 45 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 19.77 | 49 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 18.60 | 47 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 19.17 | 48 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 21.33 | 53 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.62 | 54 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 18.23 | 46 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 21.51 | 54 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 18.81 | 47 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 21.97 | 55 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 21.43 | 54 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.54 | 56 | | 10 | 140 |
| P3878-16MEDL | DDC05MEDL | BG062951.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 17.12 | 43 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 17.88 | 45 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 16.11 | 40 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 15.21 | 38 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 13.41 | 34 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 12.15 | 30 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 17.81 | 45 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 15.50 | 39 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 19.10 | 48 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 19.78 | 49 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 20.68 | 52 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 20.88 | 52 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 18.75 | 47 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 20.86 | 52 | | 10 | 140 |
| P3878-18ME | DDCC1ME | BG062916.D | 1,4-Dioxane-d8 | 8 | 2.46 | 31 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 12.30 | 31 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 19.38 | 48 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 19.74 | 49 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 18.14 | 45 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 20.15 | 50 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 20.27 | 51 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 21.55 | 54 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.05 | 53 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3878-18ME | DDCC1ME | BG062916.D | 4-Chloroaniline-d4 | 40 | 19.04 | 48 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.88 | 57 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 22.62 | 57 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 19.55 | 49 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.75 | 57 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 19.37 | 48 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.67 | 57 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.62 | 57 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.03 | 58 | | 10 | 140 |
| P3878-18MEDL | DDCC1MEDL | BG062952.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 16.49 | 41 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.68 | 52 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 19.11 | 48 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 17.33 | 43 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 18.78 | 47 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 15.38 | 38 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 18.39 | 46 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 15.91 | 40 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 20.59 | 51 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 21.59 | 54 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.29 | 58 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.90 | 57 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.79 | 52 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 21.17 | 53 | | 10 | 140 |
| PB163394BL | PB163394BL | BG062903.D | Pyridine-d5 | 40 | 25.11 | 63 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 4.80 | 60 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 27.89 | 70 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 29.27 | 73 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 25.71 | 64 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 28.53 | 71 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 27.65 | 69 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 29.28 | 73 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.07 | 68 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 26.46 | 66 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 28.62 | 72 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 27.62 | 69 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 26.45 | 66 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 28.46 | 71 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 25.55 | 64 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 28.54 | 71 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 27.65 | 69 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.79 | 69 | | 10 | 140 |
| PB163394BS | PB163394BS | BG062923.D | 1,4-Dioxane-d8 | 8 | 4.77 | 60 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 21.25 | 53 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 26.90 | 67 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.01 | 65 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB163394BS | PB163394BS | BG062923.D | 2-Chlorophenol-d4 | 40 | 25.68 | 64 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 25.89 | 65 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 27.97 | 70 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 27.76 | 69 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 28.89 | 72 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.70 | 59 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 28.94 | 72 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 28.02 | 70 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 26.72 | 67 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 28.75 | 72 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 31.76 | 79 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 27.03 | 68 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 27.41 | 69 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.53 | 69 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3996-05 | SVOC-GPC-BLAN | BG062913.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 0.00 | 0 | * | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3996-10 | SVOC-GPC2-BLA | BG062914.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 0.00 | 0 | * | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 0.00 | 0 | * | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 0.00 | 0 | * | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 0.00 | 0 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 0.00 | 0 | * | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 0.00 | 0 | * | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 0.00 | 0 | * | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Pyrene-d10 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 0.00 | 0 | * | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-02ME | DDC13ME | BG062964.D | 1,4-Dioxane-d8 | 8 | 3.20 | 40 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 18.62 | 47 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.14 | 58 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.56 | 59 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 24.52 | 61 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 24.53 | 61 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 26.43 | 66 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 26.15 | 65 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.67 | 62 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.44 | 59 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 28.00 | 70 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 27.60 | 69 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 22.08 | 55 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 28.94 | 72 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.87 | 60 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.96 | 62 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 24.53 | 61 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.36 | 66 | | 10 | 140 |
| P3898-02MEDL | DDC13MEDL | BG062977.D | 1,4-Dioxane-d8 | 8 | 2.94 | 37 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 16.43 | 41 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 24.59 | 61 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.43 | 64 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 25.77 | 64 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.36 | 53 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 23.26 | 58 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 26.31 | 66 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.39 | 61 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.04 | 58 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 24.30 | 61 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.72 | 59 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 18.03 | 45 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 25.46 | 64 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 21.94 | 55 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.92 | 60 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 23.65 | 59 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 24.86 | 62 | | 10 | 140 |
| P3898-03ME | DDC14ME | BG062973.D | 1,4-Dioxane-d8 | 8 | 2.25 | 28 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 11.71 | 29 | | 20 | 120 |
| | | BG062965.D | 1,4-Dioxane-d8 | 8 | 4.74 | 59 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 18.14 | 45 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 28.44 | 71 | | 10 | 130 |
| | | BG062973.D | Phenol-d5 | 40 | 17.61 | 44 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 16.71 | 42 | | 10 | 150 |
| | | BG062965.D | Bis(2-Chloroethyl)ether-d8 | 40 | 30.85 | 77 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 30.55 | 76 | | 15 | 120 |
| | | BG062973.D | 2-Chlorophenol-d4 | 40 | 16.83 | 42 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 17.86 | 45 | | 10 | 140 |
| | | BG062965.D | 4-Methylphenol-d8 | 40 | 30.33 | 76 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 34.21 | 86 | | 10 | 135 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-03ME | DDC14ME | BG062973.D | Nitrobenzene-d5 | 40 | 16.87 | 42 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 17.65 | 44 | | 10 | 120 |
| | | BG062965.D | 2-Nitrophenol-d4 | 40 | 35.95 | 90 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 33.45 | 84 | | 10 | 140 |
| | | BG062973.D | 2,4-Dichlorophenol-d3 | 40 | 17.17 | 43 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 16.21 | 41 | | 1 | 145 |
| | | BG062965.D | 4-Chloroaniline-d4 | 40 | 30.95 | 77 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 34.79 | 87 | | 10 | 145 |
| | | BG062973.D | Dimethylphthalate-d6 | 40 | 18.77 | 47 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 17.70 | 44 | | 15 | 120 |
| | | BG062965.D | Acenaphthylene-d8 | 40 | 34.17 | 85 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 29.68 | 74 | | 10 | 150 |
| | | BG062973.D | 4-Nitrophenol-d4 | 40 | 15.00 | 38 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.69 | 47 | | 20 | 140 |
| | | BG062965.D | Fluorene-d10 | 40 | 29.14 | 73 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 25.65 | 64 | | 10 | 130 |
| | | BG062973.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 17.28 | 43 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.25 | 46 | | 10 | 150 |
| | | BG062965.D | Anthracene-d10 | 40 | 34.44 | 86 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 32.68 | 82 | | 10 | 130 |
| | | BG062973.D | Pyrene-d10 | 40 | 18.07 | 45 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 19.08 | 48 | | 10 | 140 |
| | | BG062965.D | Benzo(a)pyrene-d12 | 40 | 34.74 | 87 | | 10 | 140 |
| P3898-03MEDL | DDC14MEDL | BG062979.D | 1,4-Dioxane-d8 | 8 | 2.63 | 33 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 11.33 | 28 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 18.47 | 46 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 18.99 | 47 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 17.95 | 45 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 18.86 | 47 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 16.20 | 40 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 18.35 | 46 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.23 | 48 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 18.03 | 45 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 19.81 | 50 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 19.36 | 48 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 12.21 | 31 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 21.39 | 53 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 11.24 | 28 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 20.72 | 52 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 19.76 | 49 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 20.75 | 52 | | 10 | 140 |
| P3898-09ME | DDC60ME | BG062974.D | Pyridine-d5 | 40 | 18.83 | 47 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 4.10 | 51 | | 15 | 120 |
| | | BG062966.D | 1,4-Dioxane-d8 | 8 | 22.81 | 285 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 85.01 | 213 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 138.69 | 347 | * | 10 | 130 |
| | | BG062974.D | Phenol-d5 | 40 | 30.53 | 76 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 30.74 | 77 | | 10 | 150 |
| | | BG062966.D | Bis(2-Chloroethyl)ether-d8 | 40 | 140.48 | 351 | * | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-09ME | DDC60ME | BG062966.D | 2-Chlorophenol-d4 | 40 | 138.85 | 347 | * | 15 | 120 |
| | | BG062974.D | 2-Chlorophenol-d4 | 40 | 29.72 | 74 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 30.74 | 77 | | 10 | 140 |
| | | BG062966.D | 4-Methylphenol-d8 | 40 | 141.70 | 354 | * | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 181.16 | 453 | * | 10 | 135 |
| | | BG062974.D | Nitrobenzene-d5 | 40 | 36.05 | 90 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 37.28 | 93 | | 10 | 120 |
| | | BG062966.D | 2-Nitrophenol-d4 | 40 | 192.63 | 482 | * | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 180.95 | 452 | * | 10 | 140 |
| | | BG062974.D | 2,4-Dichlorophenol-d3 | 40 | 34.97 | 87 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 31.62 | 79 | | 1 | 145 |
| | | BG062966.D | 4-Chloroaniline-d4 | 40 | 167.09 | 418 | * | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 148.97 | 372 | * | 10 | 145 |
| | | BG062974.D | Dimethylphthalate-d6 | 40 | 31.05 | 78 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 30.70 | 77 | | 15 | 120 |
| | | BG062966.D | Acenaphthylene-d8 | 40 | 152.20 | 380 | * | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 136.73 | 342 | * | 10 | 150 |
| | | BG062974.D | 4-Nitrophenol-d4 | 40 | 28.01 | 70 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 31.89 | 80 | | 20 | 140 |
| | | BG062966.D | Fluorene-d10 | 40 | 154.30 | 386 | * | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 179.40 | 449 | * | 10 | 130 |
| | | BG062974.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 31.96 | 80 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 31.10 | 78 | | 10 | 150 |
| | | BG062966.D | Anthracene-d10 | 40 | 179.90 | 450 | * | 10 | 150 |
| | | | Pyrene-d10 | 40 | 149.20 | 373 | * | 10 | 130 |
| | | BG062974.D | Pyrene-d10 | 40 | 30.89 | 77 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 31.22 | 78 | | 10 | 140 |
| | | BG062966.D | Benzo(a)pyrene-d12 | 40 | 160.88 | 402 | * | 10 | 140 |
| P3898-09MEDL | DDC60MEDL | BG062981.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 34.56 | 86 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 41.10 | 103 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 37.72 | 94 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 35.34 | 88 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 38.60 | 96 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 35.28 | 88 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 32.56 | 81 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 34.24 | 86 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 38.12 | 95 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 41.04 | 103 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 41.24 | 103 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 39.42 | 99 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 37.58 | 94 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 38.58 | 96 | | 10 | 140 |
| P3898-13ME | DDC78ME | BG062967.D | 1,4-Dioxane-d8 | 8 | 3.24 | 40 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 13.43 | 34 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.01 | 58 | | 10 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-13ME | DDC78ME | BG062967.D | Bis(2-Chloroethyl)ether-d8 | 40 | 26.58 | 66 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 25.06 | 63 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 23.88 | 60 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 26.98 | 67 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 26.90 | 67 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.99 | 62 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.38 | 58 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 25.07 | 63 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 24.80 | 62 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 23.71 | 59 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 25.70 | 64 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 24.72 | 62 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 26.54 | 66 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 25.20 | 63 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.80 | 67 | | 10 | 140 |
| P3898-13MEDL | DDC78MEDL | BG062976.D | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 22.74 | 57 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.57 | 59 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 22.82 | 57 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 21.82 | 55 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 21.63 | 54 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 22.17 | 55 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 22.00 | 55 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 19.98 | 50 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.12 | 58 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.03 | 58 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.96 | 60 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.61 | 62 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.81 | 52 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 21.06 | 53 | | 10 | 140 |
| P3898-17ME | DDC90ME | BG062968.D | 1,4-Dioxane-d8 | 8 | 3.84 | 48 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 16.87 | 42 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.84 | 60 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 24.32 | 61 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 25.95 | 65 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 25.88 | 65 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 27.82 | 70 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 28.80 | 72 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.87 | 65 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 25.92 | 65 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 25.97 | 65 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 25.26 | 63 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 19.92 | 50 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.17 | 65 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 24.85 | 62 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 26.43 | 66 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-17ME | DDC90ME | BG062968.D | Pyrene-d10 | 40 | 24.64 | 62 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.19 | 65 | | 10 | 140 |
| P3898-17MEDL | DDC90MEDL | BG062978.D | Pyridine-d5 | 40 | 12.49 | 31 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Phenol-d5 | 40 | 22.16 | 55 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 18.81 | 47 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 19.67 | 49 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 20.63 | 52 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 24.81 | 62 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 20.96 | 52 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.43 | 54 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 22.13 | 55 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 22.47 | 56 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 20.85 | 52 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.63 | 59 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.16 | 58 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.86 | 52 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.69 | 57 | | 10 | 140 |
| P3898-20ME | DDC59ME | BG062969.D | Pyridine-d5 | 40 | 11.08 | 28 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 2.41 | 30 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 16.16 | 40 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 14.81 | 37 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 16.87 | 42 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 16.15 | 40 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 19.95 | 50 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 20.76 | 52 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.25 | 48 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 17.60 | 44 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 17.91 | 45 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 18.03 | 45 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 16.48 | 41 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 18.72 | 47 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 17.87 | 45 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 18.28 | 46 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 17.65 | 44 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 17.96 | 45 | | 10 | 140 |
| P3898-20MEDL | DDC59MEDL | BG062980.D | Pyridine-d5 | 40 | 0.00 | 0 | * | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 0.00 | 0 | * | 15 | 120 |
| | | | Phenol-d5 | 40 | 18.46 | 46 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 19.92 | 50 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 20.34 | 51 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 18.46 | 46 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 16.16 | 40 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 24.46 | 61 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.72 | 49 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 18.48 | 46 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 20.46 | 51 | | 10 | 145 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | High |
|---|---|---|---|---|---|---|---|---|---|
| P3898-20MEDL | DDC59MEDL | BG062980.D | Acenaphthylene-d8 | 40 | 19.46 | 49 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 0.00 | 0 | * | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.86 | 60 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 0.00 | 0 | * | 10 | 130 |
| | | | Anthracene-d10 | 40 | 21.48 | 54 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 20.26 | 51 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 19.94 | 50 | | 10 | 140 |
| PB163429BL | PB163429BL | BG062972.D | 1,4-Dioxane-d8 | 8 | 4.58 | 57 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 15.90 | 40 | | 20 | 120 |
| | | BG062957.D | Pyridine-d5 | 40 | 20.95 | 52 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 3.68 | 46 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 22.12 | 55 | | 10 | 130 |
| | | BG062972.D | Phenol-d5 | 40 | 26.05 | 65 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.33 | 63 | | 10 | 150 |
| | | BG062957.D | Bis(2-Chloroethyl)ether-d8 | 40 | 21.16 | 53 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 21.83 | 55 | | 15 | 120 |
| | | BG062972.D | 2-Chlorophenol-d4 | 40 | 28.21 | 71 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 28.18 | 70 | | 10 | 140 |
| | | BG062957.D | 4-Methylphenol-d8 | 40 | 21.51 | 54 | | 10 | 140 |
| | | | Nitrobenzene-d5 | 40 | 24.41 | 61 | | 10 | 135 |
| | | BG062972.D | Nitrobenzene-d5 | 40 | 23.70 | 59 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 24.19 | 60 | | 10 | 120 |
| | | BG062957.D | 2-Nitrophenol-d4 | 40 | 25.26 | 63 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.68 | 59 | | 10 | 140 |
| | | BG062972.D | 2,4-Dichlorophenol-d3 | 40 | 24.31 | 61 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.42 | 59 | | 1 | 145 |
| | | BG062957.D | 4-Chloroaniline-d4 | 40 | 23.09 | 58 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 23.84 | 60 | | 10 | 145 |
| | | BG062972.D | Dimethylphthalate-d6 | 40 | 24.34 | 61 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 23.07 | 58 | | 15 | 120 |
| | | BG062957.D | Acenaphthylene-d8 | 40 | 22.55 | 56 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 19.01 | 48 | | 10 | 150 |
| | | BG062972.D | 4-Nitrophenol-d4 | 40 | 18.71 | 47 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.91 | 60 | | 20 | 140 |
| | | BG062957.D | Fluorene-d10 | 40 | 23.89 | 60 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 19.77 | 49 | | 10 | 130 |
| | | BG062972.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.57 | 51 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.94 | 57 | | 10 | 150 |
| | | BG062957.D | Anthracene-d10 | 40 | 23.39 | 58 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 22.24 | 56 | | 10 | 130 |
| | | BG062972.D | Pyrene-d10 | 40 | 22.13 | 55 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.89 | 57 | | 10 | 140 |
| | | BG062957.D | Benzo(a)pyrene-d12 | 40 | 22.07 | 55 | | 10 | 140 |
| PB163429BS | PB163429BS | BG062970.D | Pyridine-d5 | 40 | 20.20 | 51 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 3.60 | 45 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 22.63 | 57 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.35 | 51 | | 10 | 150 |
| | | | 2-Chlorophenol-d4 | 40 | 26.28 | 66 | | 15 | 120 |
| | | | 4-Methylphenol-d8 | 40 | 22.85 | 57 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB163429BS | PB163429BS | BG062970.D | Nitrobenzene-d5 | 40 | 25.09 | 63 | | 10 | 135 |
| | | | 2-Nitrophenol-d4 | 40 | 25.17 | 63 | | 10 | 120 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.49 | 64 | | 10 | 140 |
| | | | 4-Chloroaniline-d4 | 40 | 23.50 | 59 | | 1 | 145 |
| | | | Dimethylphthalate-d6 | 40 | 24.17 | 60 | | 10 | 145 |
| | | | Acenaphthylene-d8 | 40 | 22.86 | 57 | | 15 | 120 |
| | | | 4-Nitrophenol-d4 | 40 | 20.88 | 52 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.41 | 59 | | 20 | 140 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 28.26 | 71 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.69 | 59 | | 10 | 150 |
| | | | Pyrene-d10 | 40 | 23.28 | 58 | | 10 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.14 | 58 | | 10 | 140 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3994-02 | C0B70 | BG062922.D | Pyridine-d5 | 40 | 6.88 | 17 | * | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 3.01 | 38 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 5.72 | 14 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 22.71 | 57 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 19.95 | 50 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 14.55 | 36 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 23.32 | 58 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 24.68 | 62 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.27 | 58 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.27 | 56 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 26.98 | 67 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 24.36 | 61 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.10 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.93 | 67 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 15.89 | 40 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 28.80 | 72 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.66 | 72 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 30.15 | 75 | | 20 | 130 |
| P3994-05 | C0B21 | BG062931.D | 1,4-Dioxane-d8 | 8 | 4.03 | 50 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 7.07 | 18 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.30 | 18 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 21.11 | 53 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 20.58 | 51 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 15.59 | 39 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 20.87 | 52 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 23.27 | 58 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.32 | 58 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 19.97 | 50 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 23.98 | 60 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 22.63 | 57 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.76 | 14 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.41 | 59 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 22.62 | 57 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.44 | 61 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 24.91 | 62 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 25.89 | 65 | | 20 | 130 |
| P3994-06 | C0B22 | BG062919.D | 1,4-Dioxane-d8 | 8 | 3.28 | 41 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 4.31 | 11 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 5.54 | 14 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 19.56 | 49 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 18.20 | 45 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 12.59 | 31 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 18.36 | 46 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 20.10 | 50 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.33 | 48 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 18.71 | 47 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 22.00 | 55 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 19.91 | 50 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.00 | 12 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3994-06 | C0B22 | BG062919.D | Fluorene-d10 | 40 | 21.29 | 53 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.04 | 50 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.44 | 56 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 23.04 | 58 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.39 | 58 | | 20 | 130 |
| P3994-07 | C0B27 | BG062920.D | 1,4-Dioxane-d8 | 8 | 3.05 | 38 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.20 | 16 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 5.49 | 14 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 19.50 | 49 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 17.52 | 44 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 13.03 | 33 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 19.67 | 49 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 20.17 | 50 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 19.86 | 50 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 18.74 | 47 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 23.44 | 59 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 21.33 | 53 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.72 | 14 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.77 | 59 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.73 | 59 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 24.77 | 62 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 24.57 | 61 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.12 | 65 | | 20 | 130 |
| P3997-10 | C0AS1 | BG062921.D | 1,4-Dioxane-d8 | 8 | 2.61 | 33 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.02 | 13 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.79 | 17 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 22.85 | 57 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 20.18 | 50 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 14.61 | 37 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 23.68 | 59 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 23.93 | 60 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.23 | 58 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.13 | 55 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.62 | 69 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 25.36 | 63 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 6.86 | 17 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.86 | 67 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.67 | 69 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 28.40 | 71 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 27.93 | 70 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 29.44 | 74 | | 20 | 130 |
| PB163434BL | PB163434BL | BG062912.D | 1,4-Dioxane-d8 | 8 | 3.85 | 48 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 20.36 | 51 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 22.76 | 57 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.90 | 60 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 21.26 | 53 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 22.99 | 57 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 23.47 | 59 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 22.98 | 57 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB163434BL | PB163434BL | BG062912.D | 2,4-Dichlorophenol-d3 | 40 | 21.38 | 53 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.29 | 56 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 23.81 | 60 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 22.73 | 57 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 20.64 | 52 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.93 | 57 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.18 | 50 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.97 | 57 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 23.11 | 58 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.66 | 59 | | 20 | 130 |
| PB163434BS | PB163434BS | BG062937.D | 1,4-Dioxane-d8 | 8 | 4.96 | 62 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 24.22 | 61 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 27.06 | 68 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.94 | 65 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 27.29 | 68 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 27.37 | 68 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 26.29 | 66 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 28.49 | 71 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.13 | 68 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 23.47 | 59 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.60 | 69 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 26.20 | 65 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 26.89 | 67 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 27.59 | 69 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 31.60 | 79 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.97 | 65 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 27.20 | 68 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.54 | 69 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3997-11 | C0AS3 | BG062932.D | 1,4-Dioxane-d8 | 8 | 2.84 | 36 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 7.17 | 18 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 8.18 | 20 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 24.38 | 61 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 22.25 | 56 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 17.85 | 45 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 24.87 | 62 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 27.87 | 70 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.02 | 68 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 19.85 | 50 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 29.54 | 74 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 26.50 | 66 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 8.97 | 22 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 28.79 | 72 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 31.15 | 78 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 30.43 | 76 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 30.53 | 76 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 32.08 | 80 | | 20 | 130 |
| P3997-12 | C0AT1 | BG062933.D | 1,4-Dioxane-d8 | 8 | 2.75 | 34 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.88 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.60 | 19 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.61 | 67 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 25.81 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 17.85 | 45 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 27.33 | 68 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 30.02 | 75 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.45 | 69 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 22.05 | 55 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 29.17 | 73 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 27.73 | 69 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 6.65 | 17 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 29.04 | 73 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.77 | 69 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 29.93 | 75 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.43 | 71 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 30.67 | 77 | | 20 | 130 |
| P3997-13 | C0AP7 | BG062934.D | 1,4-Dioxane-d8 | 8 | 3.08 | 38 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.92 | 15 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 7.89 | 20 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.83 | 52 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 19.66 | 49 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 16.60 | 42 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 20.50 | 51 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 23.19 | 58 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.45 | 54 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 11.75 | 29 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 24.04 | 60 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 22.62 | 57 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.14 | 18 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3997-13 | C0AP7 | BG062934.D | Fluorene-d10 | 40 | 24.55 | 61 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.05 | 58 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.80 | 64 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 25.56 | 64 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 28.03 | 70 | | 20 | 130 |
| P3997-14 | C0AP9 | BG062935.D | 1,4-Dioxane-d8 | 8 | 3.67 | 46 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.24 | 16 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 9.19 | 23 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.31 | 66 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 26.03 | 65 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 19.98 | 50 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 27.66 | 69 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 28.63 | 72 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.21 | 68 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 14.14 | 35 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 30.57 | 76 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 28.50 | 71 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.84 | 20 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 29.01 | 73 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.95 | 70 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 29.92 | 75 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 29.49 | 74 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 31.40 | 79 | | 20 | 130 |
| P3997-15 | C0AR0 | BG062936.D | 1,4-Dioxane-d8 | 8 | 3.28 | 41 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 6.63 | 17 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 9.20 | 23 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.53 | 66 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 21.38 | 53 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 18.75 | 47 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 24.92 | 62 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 27.57 | 69 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.77 | 59 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 19.76 | 49 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.16 | 68 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 24.62 | 62 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.94 | 20 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.45 | 66 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 25.30 | 63 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 27.80 | 69 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 28.75 | 72 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 28.78 | 72 | | 20 | 130 |
| PB163437BL | PB163437BL | BG062925.D | 1,4-Dioxane-d8 | 8 | 4.38 | 55 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 24.45 | 61 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 27.14 | 68 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 26.86 | 67 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 25.30 | 63 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 27.06 | 68 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 24.55 | 61 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 26.83 | 67 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB163437BL | PB163437BL | BG062925.D | 2,4-Dichlorophenol-d3 | 40 | 24.21 | 61 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 25.12 | 63 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.06 | 68 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 25.39 | 63 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 22.89 | 57 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.59 | 66 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.45 | 59 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.40 | 64 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 25.50 | 64 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.00 | 65 | | 20 | 130 |
| PB163437BS | PB163437BS | BG062938.D | 1,4-Dioxane-d8 | 8 | 5.08 | 63 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 25.62 | 64 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 28.21 | 71 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 28.93 | 72 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 27.96 | 70 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 27.45 | 69 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 27.60 | 69 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 29.70 | 74 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 27.20 | 68 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 23.79 | 59 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 27.22 | 68 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 25.79 | 64 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 26.25 | 66 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.79 | 67 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 32.55 | 81 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 26.59 | 66 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 26.58 | 66 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 28.07 | 70 | | 20 | 130 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3994-08 | C0B39 | BG062959.D | 1,4-Dioxane-d8 | 8 | 3.24 | 40 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 5.35 | 13 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 5.77 | 14 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.42 | 59 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 20.71 | 52 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 12.97 | 32 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 22.08 | 55 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 25.74 | 64 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 22.50 | 56 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 19.68 | 49 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 25.66 | 64 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 23.05 | 58 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 4.46 | 11 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 24.98 | 62 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 24.88 | 62 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.29 | 63 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 25.42 | 64 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.95 | 67 | | 20 | 130 |
| P3994-09 | C0B44 | BG062960.D | 1,4-Dioxane-d8 | 8 | 2.91 | 36 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 4.60 | 12 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.71 | 17 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 21.70 | 54 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 20.26 | 51 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 15.24 | 38 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 22.01 | 55 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 24.65 | 62 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 21.46 | 54 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 17.98 | 45 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 23.39 | 58 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 22.24 | 56 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.68 | 14 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.54 | 59 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 26.05 | 65 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 27.23 | 68 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 25.56 | 64 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.58 | 69 | | 20 | 130 |
| P3994-10 | C0B45 | BG062961.D | 1,4-Dioxane-d8 | 8 | 2.82 | 35 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 7.33 | 18 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 6.85 | 17 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 23.30 | 58 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 21.37 | 53 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 16.35 | 41 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 26.40 | 66 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 28.70 | 72 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 25.03 | 63 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 20.20 | 51 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 25.32 | 63 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 23.85 | 60 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.64 | 14 | | 10 | 150 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| P3994-10 | C0B45 | BG062961.D | Fluorene-d10 | 40 | 25.05 | 63 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 24.87 | 62 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.46 | 64 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 25.76 | 64 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 27.59 | 69 | | 20 | 130 |
| P3994-11 | C0B50 | BG062962.D | 1,4-Dioxane-d8 | 8 | 7.09 | 89 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 7.11 | 18 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 10.20 | 25 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 21.97 | 55 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 23.19 | 58 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 18.26 | 46 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 20.56 | 51 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 24.95 | 62 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 22.25 | 56 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 18.05 | 45 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 23.74 | 59 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 21.83 | 55 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 7.07 | 18 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 23.28 | 58 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 23.74 | 59 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.99 | 60 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 23.26 | 58 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 24.74 | 62 | | 20 | 130 |
| P4013-01 | DDCG8 | BG062963.D | 1,4-Dioxane-d8 | 8 | 2.70 | 34 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 3.05 | 8 | * | 20 | 120 |
| | | | Phenol-d5 | 40 | 5.51 | 14 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 20.60 | 51 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 19.32 | 48 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 13.85 | 35 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 21.29 | 53 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 23.87 | 60 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 20.87 | 52 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 8.17 | 20 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 22.34 | 56 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 21.59 | 54 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 5.29 | 13 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.81 | 57 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 20.46 | 51 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 23.24 | 58 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 23.91 | 60 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 23.24 | 58 | | 20 | 130 |
| PB163458BL | PB163458BL | BG062956.D | Pyridine-d5 | 40 | 20.96 | 52 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 4.25 | 53 | | 15 | 120 |
| | | BG062940.D | 1,4-Dioxane-d8 | 8 | 4.24 | 53 | | 15 | 120 |
| | | | Pyridine-d5 | 40 | 23.63 | 59 | | 20 | 120 |
| | | | Phenol-d5 | 40 | 23.61 | 59 | | 10 | 130 |
| | | BG062956.D | Phenol-d5 | 40 | 24.69 | 62 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 25.44 | 64 | | 25 | 120 |
| | | BG062940.D | Bis(2-Chloroethyl)ether-d8 | 40 | 26.02 | 65 | | 25 | 120 |

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# Surrogate Summary

**SW-846**

**SDG No.:** BG091824

**Client:**

**Analytical Method:** SFAM_SVOC

| Lab Sample ID | Client ID | Datafile | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|---|
| PB163458BL | PB163458BL | BG062940.D | 2-Chlorophenol-d4 | 40 | 25.41 | 64 | | 20 | 130 |
| | | BG062956.D | 2-Chlorophenol-d4 | 40 | 25.00 | 62 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 24.82 | 62 | | 25 | 125 |
| | | BG062940.D | 4-Methylphenol-d8 | 40 | 24.85 | 62 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 23.93 | 60 | | 20 | 125 |
| | | BG062956.D | Nitrobenzene-d5 | 40 | 25.13 | 63 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 28.09 | 70 | | 20 | 130 |
| | | BG062940.D | 2-Nitrophenol-d4 | 40 | 28.76 | 72 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 24.64 | 62 | | 20 | 120 |
| | | BG062956.D | 2,4-Dichlorophenol-d3 | 40 | 25.36 | 63 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 25.15 | 63 | | 1 | 146 |
| | | BG062940.D | 4-Chloroaniline-d4 | 40 | 25.85 | 65 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 26.44 | 66 | | 25 | 130 |
| | | BG062956.D | Dimethylphthalate-d6 | 40 | 26.83 | 67 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 25.60 | 64 | | 10 | 130 |
| | | BG062940.D | Acenaphthylene-d8 | 40 | 25.52 | 64 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 22.70 | 57 | | 10 | 150 |
| | | BG062956.D | 4-Nitrophenol-d4 | 40 | 20.74 | 52 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 26.53 | 66 | | 25 | 125 |
| | | BG062940.D | Fluorene-d10 | 40 | 26.21 | 66 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 22.20 | 56 | | 10 | 130 |
| | | BG062956.D | 4,6-Dinitro-2-methylphenol-d2 | 40 | 21.21 | 53 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 25.55 | 64 | | 25 | 130 |
| | | BG062940.D | Anthracene-d10 | 40 | 26.44 | 66 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 26.15 | 65 | | 15 | 130 |
| | | BG062956.D | Pyrene-d10 | 40 | 24.94 | 62 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 26.69 | 67 | | 20 | 130 |
| | | BG062940.D | Benzo(a)pyrene-d12 | 40 | 26.34 | 66 | | 20 | 130 |
| PB163458BS | PB163458BS | BG062954.D | Pyridine-d5 | 40 | 18.10 | 45 | | 20 | 120 |
| | | | 1,4-Dioxane-d8 | 8 | 4.18 | 52 | | 15 | 120 |
| | | | Phenol-d5 | 40 | 24.06 | 60 | | 10 | 130 |
| | | | Bis(2-Chloroethyl)ether-d8 | 40 | 24.18 | 60 | | 25 | 120 |
| | | | 2-Chlorophenol-d4 | 40 | 24.04 | 60 | | 20 | 130 |
| | | | 4-Methylphenol-d8 | 40 | 22.12 | 55 | | 25 | 125 |
| | | | Nitrobenzene-d5 | 40 | 23.23 | 58 | | 20 | 125 |
| | | | 2-Nitrophenol-d4 | 40 | 25.00 | 62 | | 20 | 130 |
| | | | 2,4-Dichlorophenol-d3 | 40 | 23.93 | 60 | | 20 | 120 |
| | | | 4-Chloroaniline-d4 | 40 | 20.58 | 51 | | 1 | 146 |
| | | | Dimethylphthalate-d6 | 40 | 22.71 | 57 | | 25 | 130 |
| | | | Acenaphthylene-d8 | 40 | 21.88 | 55 | | 10 | 130 |
| | | | 4-Nitrophenol-d4 | 40 | 21.57 | 54 | | 10 | 150 |
| | | | Fluorene-d10 | 40 | 22.37 | 56 | | 25 | 125 |
| | | | 4,6-Dinitro-2-methylphenol-d2 | 40 | 27.10 | 68 | | 10 | 130 |
| | | | Anthracene-d10 | 40 | 22.96 | 57 | | 25 | 130 |
| | | | Pyrene-d10 | 40 | 22.49 | 56 | | 15 | 130 |
| | | | Benzo(a)pyrene-d12 | 40 | 22.61 | 57 | | 20 | 130 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091824

Lab Code: CHEM SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062901.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:25

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.8 |
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 38.5 |
| 70 | Less than 2.0% of mass 69 | 0.3 ( 0.9 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 35.2 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.5 |
| 275 | 10.0 - 60.0% of mass 198 | 30.6 |
| 365 | Greater than 1% of mass 198 | 5.5 |
| 441 | Present, but less than mass 443 | 12.8 |
| 442 | Greater than 50% of mass 198 | 80.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.7 (18.3) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTD020496 | SSTDCCC020 | BG062902.D | 09/18/2024 | 09:08 |
| SBLK394 | PB163394BL | BG062903.D | 09/18/2024 | 11:13 |
| DCVX7ME | P3877-02ME | BG062904.D | 09/18/2024 | 11:52 |
| DDC47ME | P3878-03ME | BG062905.D | 09/18/2024 | 12:32 |
| DDCJ0ME | P3878-07ME | BG062906.D | 09/18/2024 | 13:11 |
| DCVY6ME | P3878-08ME | BG062907.D | 09/18/2024 | 13:50 |
| DCVZ0ME | P3878-12ME | BG062908.D | 09/18/2024 | 14:29 |
| DCVZ1ME | P3878-13ME | BG062909.D | 09/18/2024 | 15:09 |
| DDC04ME | P3878-15ME | BG062910.D | 09/18/2024 | 15:48 |
| SSTD020497 | SSTDCCC020 | BG062911.D | 09/18/2024 | 16:28 |
| SBLK434 | PB163434BL | BG062912.D | 09/18/2024 | 17:07 |
| SVOC-GPC-BLANK | P3996-05 | BG062913.D | 09/18/2024 | 17:47 |
| SVOC-GPC2-BLANK | P3996-10 | BG062914.D | 09/18/2024 | 18:27 |
| DDC05ME | P3878-16ME | BG062915.D | 09/18/2024 | 19:06 |
| DDCC1ME | P3878-18ME | BG062916.D | 09/18/2024 | 19:46 |
| DDC46ME | P3878-02ME | BG062917.D | 09/18/2024 | 20:25 |
| DCVY3ME | P3877-10ME | BG062918.D | 09/18/2024 | 21:05 |
| C0B22 | P3994-06 | BG062919.D | 09/18/2024 | 21:44 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091824

Lab Code: CHEM SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062901.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:25

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.8 |
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 38.5 |
| 70 | Less than 2.0% of mass 69 | 0.3 ( 0.9 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 35.2 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.5 |
| 275 | 10.0 - 60.0% of mass 198 | 30.6 |
| 365 | Greater than 1% of mass 198 | 5.5 |
| 441 | Present, but less than mass 443 | 12.8 |
| 442 | Greater than 50% of mass 198 | 80.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.7 (18.3) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| C0B27 | P3994-07 | BG062920.D | 09/18/2024 | 22:24 |
| C0AS1 | P3997-10 | BG062921.D | 09/18/2024 | 23:03 |
| C0B70 | P3994-02 | BG062922.D | 09/18/2024 | 23:43 |
| SLCS394 | PB163394BS | BG062923.D | 09/19/2024 | 00:22 |
| SSTD020498 | SSTDCCC020 | BG062924.D | 09/19/2024 | 01:41 |
| SBLK437 | PB163437BL | BG062925.D | 09/19/2024 | 02:21 |
| DDC73DL | P3899-22DL | BG062926.D | 09/19/2024 | 03:00 |
| DDC51DL | P3899-15DL | BG062927.D | 09/19/2024 | 03:39 |
| DDC52DL | P3899-16DL | BG062928.D | 09/19/2024 | 04:19 |
| DDC53DL | P3899-17DL | BG062929.D | 09/19/2024 | 04:58 |
| DCVZ9DL | P3899-05DL | BG062930.D | 09/19/2024 | 05:38 |
| C0B21 | P3994-05 | BG062931.D | 09/19/2024 | 06:17 |
| C0AS3 | P3997-11 | BG062932.D | 09/19/2024 | 06:56 |
| C0AT1 | P3997-12 | BG062933.D | 09/19/2024 | 07:36 |
| C0AP7 | P3997-13 | BG062934.D | 09/19/2024 | 08:15 |
| C0AP9 | P3997-14 | BG062935.D | 09/19/2024 | 08:55 |
| C0AR0 | P3997-15 | BG062936.D | 09/19/2024 | 09:34 |
| SLCS434 | PB163434BS | BG062937.D | 09/19/2024 | 10:13 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091824

Lab Code: CHEM SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062901.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:25

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.8 |
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 38.5 |
| 70 | Less than 2.0% of mass 69 | 0.3 ( 0.9 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 35.2 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.5 |
| 275 | 10.0 - 60.0% of mass 198 | 30.6 |
| 365 | Greater than 1% of mass 198 | 5.5 |
| 441 | Present, but less than mass 443 | 12.8 |
| 442 | Greater than 50% of mass 198 | 80.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.7 (18.3) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SLCS437 | PB163437BS | BG062938.D | 09/19/2024 | 10:53 |
| SSTD020499 | SSTDCCC020 | BG062939.D | 09/19/2024 | 12:12 |
| SBLK458 | PB163458BL | BG062940.D | 09/19/2024 | 12:51 |
| DCVX7MEDL | P3877-02MEDL | BG062941.D | 09/19/2024 | 13:31 |
| DDCJ0MEDL | P3878-07MEDL | BG062942.D | 09/19/2024 | 14:10 |
| DCVX7MEDL | P3877-02MEDL | BG062943.D | 09/19/2024 | 14:50 |
| DCVZ0MEDL | P3878-12MEDL | BG062944.D | 09/19/2024 | 15:30 |
| DCVZ1MEDL | P3878-13MEDL | BG062945.D | 09/19/2024 | 16:09 |
| DCVZ1MEDL2 | P3878-13MEDL2 | BG062946.D | 09/19/2024 | 16:49 |
| DDC47MEDL | P3878-03MEDL | BG062947.D | 09/19/2024 | 17:29 |
| DCVY6MEDL | P3878-08MEDL | BG062948.D | 09/19/2024 | 18:09 |
| DDC04MEDL | P3878-15MEDL | BG062949.D | 09/19/2024 | 18:49 |
| DDC46MEDL | P3878-02MEDL | BG062950.D | 09/19/2024 | 19:28 |
| DDC05MEDL | P3878-16MEDL | BG062951.D | 09/19/2024 | 20:08 |
| DDCC1MEDL | P3878-18MEDL | BG062952.D | 09/19/2024 | 20:48 |
| DCVX7MEDL | P3877-02MEDL | BG062953.D | 09/19/2024 | 21:27 |
| SLCS458 | PB163458BS | BG062954.D | 09/19/2024 | 22:07 |
| SSTD020500 | SSTDCCC020 | BG062955.D | 09/19/2024 | 23:26 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091824

Lab Code: CHEM SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062901.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:25

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.8 |
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 38.5 |
| 70 | Less than 2.0% of mass 69 | 0.3 ( 0.9 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 35.2 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.5 |
| 275 | 10.0 - 60.0% of mass 198 | 30.6 |
| 365 | Greater than 1% of mass 198 | 5.5 |
| 441 | Present, but less than mass 443 | 12.8 |
| 442 | Greater than 50% of mass 198 | 80.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.7 (18.3) 2 |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SBLK458 | PB163458BL | BG062956.D | 09/20/2024 | 00:06 |
| SBLK429 | PB163429BL | BG062957.D | 09/20/2024 | 00:45 |
| DCVY3MEDL | P3877-10MEDL | BG062958.D | 09/20/2024 | 01:25 |
| C0B39 | P3994-08 | BG062959.D | 09/20/2024 | 02:04 |
| C0B44 | P3994-09 | BG062960.D | 09/20/2024 | 02:44 |
| C0B45 | P3994-10 | BG062961.D | 09/20/2024 | 03:23 |
| C0B50 | P3994-11 | BG062962.D | 09/20/2024 | 04:03 |
| DDCG8 | P4013-01 | BG062963.D | 09/20/2024 | 04:42 |
| DDC13ME | P3898-02ME | BG062964.D | 09/20/2024 | 05:22 |
| DDC14ME | P3898-03ME | BG062965.D | 09/20/2024 | 06:01 |
| DDC60ME | P3898-09ME | BG062966.D | 09/20/2024 | 06:41 |
| DDC78ME | P3898-13ME | BG062967.D | 09/20/2024 | 07:20 |
| DDC90ME | P3898-17ME | BG062968.D | 09/20/2024 | 08:00 |
| DDC59ME | P3898-20ME | BG062969.D | 09/20/2024 | 08:39 |
| SLCS429 | PB163429BS | BG062970.D | 09/20/2024 | 09:18 |
| SSTD020501 | SSTDCCC020 | BG062971.D | 09/20/2024 | 09:58 |
| SBLK429 | PB163429BL | BG062972.D | 09/20/2024 | 10:38 |
| DDC14ME | P3898-03ME | BG062973.D | 09/20/2024 | 11:17 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091824

Lab Code: CHEM SAS No.: BG091824 SDG NO.: BG091824

Lab File ID: BG062901.D DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:25

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 36.8 |
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 38.5 |
| 70 | Less than 2.0% of mass 69 | 0.3 ( 0.9 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 35.2 |
| 197 | Less than 2.0% of mass 198 | 0.5 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.5 |
| 275 | 10.0 - 60.0% of mass 198 | 30.6 |
| 365 | Greater than 1% of mass 198 | 5.5 |
| 441 | Present, but less than mass 443 | 12.8 |
| 442 | Greater than 50% of mass 198 | 80.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.7 (18.3) 2 |

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

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| DDC60ME | P3898-09ME | BG062974.D | 09/20/2024 | 11:57 |
| DCVY6MEDL2 | P3878-08MEDL2 | BG062975.D | 09/20/2024 | 12:48 |
| DDC78MEDL | P3898-13MEDL | BG062976.D | 09/20/2024 | 13:27 |
| DDC13MEDL | P3898-02MEDL | BG062977.D | 09/20/2024 | 14:07 |
| DDC90MEDL | P3898-17MEDL | BG062978.D | 09/20/2024 | 14:46 |
| DDC14MEDL | P3898-03MEDL | BG062979.D | 09/20/2024 | 15:26 |
| DDC59MEDL | P3898-20MEDL | BG062980.D | 09/20/2024 | 16:06 |
| DDC60MEDL | P3898-09MEDL | BG062981.D | 09/20/2024 | 16:46 |
| AR1660-50PPM | AR1660-50PPM | BG062982.D | 09/20/2024 | 17:25 |
| SBLK407 | PB163407BL | BG062983.D | 09/20/2024 | 18:05 |
| A0BC9 | P3991-01 | BG062984.D | 09/20/2024 | 18:45 |
| A0BD0 | P3991-02 | BG062985.D | 09/20/2024 | 19:25 |
| SSTD020502 | SSTDCCC020EC | BG062986.D | 09/20/2024 | 20:44 |