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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Walsh Construction Company II, LLC | Date Collected: | 03/21/25 |
| Project: | Walsh CO-032 Sampling | Date Received: | 03/21/25 |
| Client Sample ID: | CO-32-1 | SDG No.: | Q1626 |
| Lab Sample ID: | Q1626-01 | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 94.8 |
| Sample Wt/Vol: | 30.03 Units: g | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOC-TCL BNA -20 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3541 | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF142064.D | 1 | 03/24/25 08:15 | 03/24/25 19:53 | PB167274 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 160 | U | 160 | 350 | ug/Kg |
| 108-95-2 | Phenol | 23.3 | U | 23.3 | 180 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 25.6 | U | 25.6 | 180 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 25.7 | U | 25.7 | 180 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 31.5 | U | 31.5 | 180 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 39.5 | U | 39.5 | 180 | ug/Kg |
| 98-86-2 | Acetophenone | 31.1 | U | 31.1 | 180 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 43.3 | U | 43.3 | 350 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 50.0 | U | 50.0 | 84.3 | ug/Kg |
| 67-72-1 | Hexachloroethane | 18.5 | U | 18.5 | 180 | ug/Kg |
| 98-95-3 | Nitrobenzene | 19.3 | U | 19.3 | 180 | ug/Kg |
| 78-59-1 | Isophorone | 34.6 | U | 34.6 | 180 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 61.3 | U | 61.3 | 180 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 68.3 | U | 68.3 | 180 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 32.5 | U | 32.5 | 180 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 29.8 | U | 29.8 | 180 | ug/Kg |
| 91-20-3 | Naphthalene | 23.9 | U | 23.9 | 180 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 37.3 | U | 37.3 | 180 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 26.7 | U | 26.7 | 180 | ug/Kg |
| 105-60-2 | Caprolactam | 54.9 | U | 54.9 | 350 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 30.2 | U | 30.2 | 180 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 27.0 | U | 27.0 | 180 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 120 | U | 120 | 350 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 20.9 | U | 20.9 | 180 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 30.7 | U | 30.7 | 180 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 23.0 | U | 23.0 | 180 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 23.7 | U | 23.7 | 180 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 50.7 | U | 50.7 | 180 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 28.6 | U | 28.6 | 180 | ug/Kg |

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| BF142064.D | 1 | 03/24/25 08:15 | 03/24/25 19:53 | PB167274 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 30.5 | U | 30.5 | 180 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 35.4 | U | 35.4 | 180 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 48.5 | U | 48.5 | 180 | ug/Kg |
| 83-32-9 | Acenaphthene | 22.4 | U | 22.4 | 180 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 240 | U | 240 | 350 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 110 | U | 110 | 350 | ug/Kg |
| 132-64-9 | Dibenzofuran | 23.9 | U | 23.9 | 180 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 52.8 | U | 52.8 | 180 | ug/Kg |
| 84-66-2 | Diethylphthalate | 29.8 | U | 29.8 | 180 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 28.1 | U | 28.1 | 180 | ug/Kg |
| 86-73-7 | Fluorene | 26.7 | U | 26.7 | 180 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 67.7 | U | 67.7 | 180 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 110 | U | 110 | 350 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 34.7 | U | 34.7 | 180 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 29.3 | U | 29.3 | 180 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 26.7 | U | 26.7 | 180 | ug/Kg |
| 1912-24-9 | Atrazine | 35.8 | U | 35.8 | 180 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 54.1 | U | 54.1 | 350 | ug/Kg |
| 85-01-8 | Phenanthrene | 730 | | 22.0 | 180 | ug/Kg |
| 120-12-7 | Anthracene | 200 | | 35.1 | 180 | ug/Kg |
| 86-74-8 | Carbazole | 70.7 | J | 32.9 | 180 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 50.5 | U | 50.5 | 180 | ug/Kg |
| 206-44-0 | Fluoranthene | 1400 | | 31.6 | 180 | ug/Kg |
| 129-00-0 | Pyrene | 850 | | 37.9 | 180 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 75.2 | U | 75.2 | 180 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 38.7 | U | 38.7 | 350 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 660 | | 24.2 | 180 | ug/Kg |
| 218-01-9 | Chrysene | 580 | | 21.0 | 180 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 240 | | 62.4 | 180 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 91.5 | U | 91.5 | 350 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 790 | | 20.0 | 180 | ug/Kg |

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|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 340 | | 23.6 | 180 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 660 | | 31.1 | 180 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 350 | | 30.7 | 180 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 100 | J | 28.9 | 180 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 460 | | 27.1 | 180 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 27.0 | U | 27.0 | 180 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 47.6 | U | 47.6 | 180 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 28.9 | U | 28.9 | 180 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 105 | | 18 - 112 | 70% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 94.6 | | 15 - 107 | 63% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 78.7 | | 18 - 107 | 79% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 85.3 | | 20 - 109 | 85% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 112 | | 10 - 116 | 75% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 61.4 | | 10 - 105 | 61% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 116000 | 6.875 | | | |
| 1146-65-2 | Naphthalene-d8 | 398000 | 8.157 | | | |
| 15067-26-2 | Acenaphthene-d10 | 182000 | 9.91 | | | |
| 1517-22-2 | Phenanthrene-d10 | 307000 | 11.392 | | | |
| 1719-03-5 | Chrysene-d12 | 318000 | 14.039 | | | |
| 1520-96-3 | Perylene-d12 | 212000 | 15.515 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1100 | J | | 2.14 | ug/Kg |
| 000259-79-0 | Biphenylene | 70.6 | J | | 9.77 | ug/Kg |
| 000119-61-9 | Benzophenone | 220 | J | | 10.6 | ug/Kg |
| 000640-61-9 | Benzenesulfonamide, N,4-dimethyl- | 180 | J | | 10.8 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 810 | J | | 11.9 | ug/Kg |
| 000203-64-5 | 4H-Cyclopenta[def]phenanthrene | 270 | J | | 12.0 | ug/Kg |
| 000057-11-4 | Octadecanoic acid | 340 | J | | 12.7 | ug/Kg |

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|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products