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

# Hit Summary Sheet
**SW-846**

**SDG No.:** P4822

**Client:** BAPS North Bergen

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID : SOIL-1** | | | | | | | | | |
| P4822-02 | SOIL-1 | SOIL | Fluoranthene | | 130.000 | J | 88.3 | 180 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Pyrene | | 140.000 | J | 89.7 | 180 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Benzo(a)anthracene | | 96.600 | J | 87.3 | 180 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Chrysene | | 90.800 | J | 86 | 180 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Benzo(b)fluoranthene | | 160.000 | J | 87.7 | 180 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Benzo(a)pyrene | | 100.000 | J | 100 | 180 | ug/Kg |
| | | | **Total Svoc :** | | **717.40** | | | | |
| P4822-02 | SOIL-1 | SOIL | 5-Eicosene, (E)- | * | 200.000 | J | 0 | 0 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Benzophenone | * | 350.000 | J | 0 | 0 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,100.000 | J | 0 | 0 | ug/Kg |
| P4822-02 | SOIL-1 | SOIL | n-Hexadecanoic acid | * | 340.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **1,990.00** | | | | |
| | | | **Total Concentration:** | | **2,707.40** | | | | |
| **Client ID : SOIL-2** | | | | | | | | | |
| P4822-04 | SOIL-2 | SOIL | 3-Eicosene, (E)- | * | 280.000 | J | 0 | 0 | ug/Kg |
| P4822-04 | SOIL-2 | SOIL | Benzophenone | * | 440.000 | J | 0 | 0 | ug/Kg |
| P4822-04 | SOIL-2 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,400.000 | J | 0 | 0 | ug/Kg |
| P4822-04 | SOIL-2 | SOIL | Methanone, (1-hydroxycyclohexy | * | 88.300 | J | 0 | 0 | ug/Kg |
| P4822-04 | SOIL-2 | SOIL | n-Hexadecanoic acid | * | 360.000 | J | 0 | 0 | ug/Kg |
| P4822-04 | SOIL-2 | SOIL | Pentacosane | * | 110.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **2,678.30** | | | | |
| | | | **Total Concentration:** | | **2,678.30** | | | | |
| **Client ID : SOIL-3** | | | | | | | | | |
| P4822-06 | SOIL-3 | SOIL | Fluoranthene | | 140.000 | J | 89.4 | 190 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Pyrene | | 110.000 | J | 90.8 | 190 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Benzo(b)fluoranthene | | 89.100 | J | 88.7 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **339.10** | | | | |
| P4822-06 | SOIL-3 | SOIL | 2-Pentanone, 4-hydroxy-4-methyl | * | 82.000 | AB | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Benzophenone | * | 630.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,600.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Cyclohexanol, 1-ethyl- | * | 110.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Eicosane | * | 420.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Heptadecane, 9-octyl- | * | 350.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | n-Hexadecanoic acid | * | 620.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Octadecanoic acid | * | 130.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | Supraene | * | 360.000 | J | 0 | 0 | ug/Kg |
| P4822-06 | SOIL-3 | SOIL | 1-Docosene | * | 260.000 | J | 0 | 0 | ug/Kg |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** P4822

**Client:** BAPS North Bergen

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Total Tics :** | | **4,562.00** | | | | |
| | | | **Total Concentration:** | | **4,901.10** | | | | |
| **Client ID :** | **SOIL-4** | | | | | | | | |
| P4822-08 | SOIL-4 | SOIL | Phenanthrene | | 130.000 | J | 90.3 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Fluoranthene | | 220.000 | | 87.8 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Pyrene | | 190.000 | | 89.2 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Benzo(a)anthracene | | 120.000 | J | 86.8 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Chrysene | | 100.000 | J | 85.5 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Benzo(b)fluoranthene | | 130.000 | J | 87.2 | 180 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Benzo(a)pyrene | | 110.000 | J | 100 | 180 | ug/Kg |
| | | | **Total Svoc :** | | **1,000.00** | | | | |
| P4822-08 | SOIL-4 | SOIL | 1-Nonadecene | * | 200.000 | J | 0 | 0 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Benzophenone | * | 390.000 | J | 0 | 0 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,300.000 | J | 0 | 0 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | n-Hexadecanoic acid | * | 510.000 | J | 0 | 0 | ug/Kg |
| P4822-08 | SOIL-4 | SOIL | Octadecanoic acid | * | 150.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **2,550.00** | | | | |
| | | | **Total Concentration:** | | **3,550.00** | | | | |
| **Client ID :** | **SOIL-5** | | | | | | | | |
| P4822-10 | SOIL-5 | SOIL | Fluoranthene | | 190.000 | | 89 | 190 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Pyrene | | 130.000 | J | 90.4 | 190 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Benzo(a)anthracene | | 130.000 | J | 87.9 | 190 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Chrysene | | 110.000 | J | 86.6 | 190 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Benzo(b)fluoranthene | | 140.000 | J | 88.4 | 190 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Benzo(a)pyrene | | 100.000 | J | 100 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **800.00** | | | | |
| P4822-10 | SOIL-5 | SOIL | 1-(Phenylthio)-3,7,11-trimethyl-2, | * | 320.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Benzophenone | * | 440.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,200.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Eicosane | * | 140.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Heneicosane | * | 150.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Methanone, (1-hydroxycyclohexy | * | 79.200 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | n-Hexadecanoic acid | * | 740.000 | J | 0 | 0 | ug/Kg |
| P4822-10 | SOIL-5 | SOIL | Octadecanoic acid | * | 280.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **3,349.20** | | | | |
| | | | **Total Concentration:** | | **4,149.20** | | | | |
| **Client ID :** | **SOIL-6** | | | | | | | | |
| P4822-12 | SOIL-6 | SOIL | Phenanthrene | | 94.100 | J | 91.8 | 190 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Fluoranthene | | 190.000 | | 89.3 | 190 | ug/Kg |

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# Hit Summary Sheet
## SW-846

**SDG No.:** P4822

**Client:** BAPS North Bergen

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| P4822-12 | SOIL-6 | SOIL | Pyrene | | 130.000 | J | 90.7 | 190 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Benzo(a)anthracene | | 90.000 | J | 88.2 | 190 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Chrysene | | 89.200 | J | 86.9 | 190 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Benzo(b)fluoranthene | | 120.000 | J | 88.7 | 190 | ug/Kg |
| | | | **Total Svoc :** | | **713.30** | | | | |
| P4822-12 | SOIL-6 | SOIL | 1-Octadecene | * | 200.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Stigmast-4-en-3-one | * | 530.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Supraene | * | 150.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Benzophenone | * | 500.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Butane, 2-methoxy-2-methyl- | * | 1,700.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Docosane | * | 75.400 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Dotriacontane, 1-iodo- | * | 400.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Lup-20(29)-en-3-one | * | 620.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Methanone, (1-hydroxycyclohexy | * | 76.200 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | n-Hexadecanoic acid | * | 510.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Nonadecane | * | 370.000 | J | 0 | 0 | ug/Kg |
| P4822-12 | SOIL-6 | SOIL | Octadecanoic acid | * | 130.000 | J | 0 | 0 | ug/Kg |
| | | | **Total Tics :** | | **5,261.60** | | | | |
| | | | **Total Concentration:** | | **5,974.90** | | | | |

# SAMPLE DATA

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-1 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-02 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.4 |
| 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 |
|---|---|---|---|---|
| BF140585.D | 1 | 11/13/24 09:15 | 11/22/24 18:35 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 360 | ug/Kg |
| 108-95-2 | Phenol | 89.6 | U | 89.6 | 180 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 90.5 | U | 90.5 | 180 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 90.3 | U | 90.3 | 180 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 87.1 | U | 87.1 | 180 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 98.3 | U | 98.3 | 180 | ug/Kg |
| 98-86-2 | Acetophenone | 94.0 | U | 94.0 | 180 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 86.3 | U | 86.3 | 360 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 43.6 | U | 43.6 | 86.5 | ug/Kg |
| 67-72-1 | Hexachloroethane | 89.7 | U | 89.7 | 180 | ug/Kg |
| 98-95-3 | Nitrobenzene | 98.2 | U | 98.2 | 180 | ug/Kg |
| 78-59-1 | Isophorone | 91.5 | U | 91.5 | 180 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 100 | U | 100 | 180 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 180 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 92.8 | U | 92.8 | 180 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 81.6 | U | 81.6 | 180 | ug/Kg |
| 91-20-3 | Naphthalene | 89.3 | U | 89.3 | 180 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 89.3 | UQ | 89.3 | 180 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 90.1 | U | 90.1 | 180 | ug/Kg |
| 105-60-2 | Caprolactam | 93.8 | U | 93.8 | 360 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 83.8 | U | 83.8 | 180 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 89.2 | U | 89.2 | 180 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 360 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 77.2 | U | 77.2 | 180 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 80.0 | U | 80.0 | 180 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 94.5 | U | 94.5 | 180 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 90.1 | U | 90.1 | 180 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 100 | U | 100 | 180 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 88.3 | U | 88.3 | 180 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-1 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-02 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.4 |
| 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 |
|---|---|---|---|---|
| BF140585.D | 1 | 11/13/24 09:15 | 11/22/24 18:35 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 93.5 | U | 93.5 | 180 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 90.0 | U | 90.0 | 180 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 96.4 | UQ | 96.4 | 180 | ug/Kg |
| 83-32-9 | Acenaphthene | 87.7 | U | 87.7 | 180 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 260 | 360 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 360 | ug/Kg |
| 132-64-9 | Dibenzofuran | 91.3 | U | 91.3 | 180 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 93.2 | U | 93.2 | 180 | ug/Kg |
| 84-66-2 | Diethylphthalate | 86.6 | U | 86.6 | 180 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 92.5 | U | 92.5 | 180 | ug/Kg |
| 86-73-7 | Fluorene | 92.4 | U | 92.4 | 180 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 180 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 360 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 88.2 | U | 88.2 | 180 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 85.3 | U | 85.3 | 180 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 91.9 | U | 91.9 | 180 | ug/Kg |
| 1912-24-9 | Atrazine | 98.8 | U | 98.8 | 180 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 83.6 | U | 83.6 | 360 | ug/Kg |
| 85-01-8 | Phenanthrene | 90.8 | U | 90.8 | 180 | ug/Kg |
| 120-12-7 | Anthracene | 91.3 | U | 91.3 | 180 | ug/Kg |
| 86-74-8 | Carbazole | 86.8 | U | 86.8 | 180 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 91.1 | U | 91.1 | 180 | ug/Kg |
| 206-44-0 | Fluoranthene | 130 | J | 88.3 | 180 | ug/Kg |
| 129-00-0 | Pyrene | 140 | J | 89.7 | 180 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 100 | U | 100 | 180 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 360 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 96.6 | J | 87.3 | 180 | ug/Kg |
| 218-01-9 | Chrysene | 90.8 | J | 86.0 | 180 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 98.4 | U | 98.4 | 180 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 360 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 160 | J | 87.7 | 180 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-1 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-02 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.4 |
| 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 |
|---|---|---|---|---|
| BF140585.D | 1 | 11/13/24 09:15 | 11/22/24 18:35 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 89.3 | U | 89.3 | 180 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 100 | J | 100 | 180 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 84.4 | U | 84.4 | 180 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 87.8 | U | 87.8 | 180 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 86.6 | U | 86.6 | 180 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 93.8 | U | 93.8 | 180 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 180 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 80.8 | U | 80.8 | 180 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 78.9 | | 30 (18) - 130 (112) | 53% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 76.3 | | 30 (15) - 130 (107) | 51% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 53.0 | | 30 (18) - 130 (107) | 53% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 62.4 | | 30 (20) - 130 (109) | 62% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 66.5 | | 30 (10) - 130 (116) | 44% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 51.9 | | 30 (10) - 130 (105) | 52% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 92800 | 6.869 | | | |
| 1146-65-2 | Naphthalene-d8 | 331000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 155000 | 9.904 | | | |
| 1517-22-2 | Phenanthrene-d10 | 246000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 155000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 119000 | 15.533 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1100 | J | | 2.12 | ug/Kg |
| 000119-61-9 | Benzophenone | 350 | J | | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 340 | J | | 11.9 | ug/Kg |
| 074685-30-6 | 5-Eicosene, (E)- | 200 | J | | 13.9 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | BAPS North Bergen | | | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | | | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-1 | | | SDG No.: | P4822 |
| Lab Sample ID: | P4822-02 | | | Matrix: | SOIL |
| Analytical Method: | SW8270 | | | % Solid: | 92.4 |
| 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 |
|---|---|---|---|---|
| BF140585.D | 1 | 11/13/24 09:15 | 11/22/24 18:35 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-2 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-04 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.05 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 |
|---|---|---|---|---|
| BF140584.D | 1 | 11/13/24 09:15 | 11/22/24 18:09 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 370 | ug/Kg |
| 108-95-2 | Phenol | 92.3 | U | 92.3 | 190 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 93.2 | U | 93.2 | 190 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 92.9 | U | 92.9 | 190 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 89.7 | U | 89.7 | 190 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 100 | U | 100 | 190 | ug/Kg |
| 98-86-2 | Acetophenone | 96.7 | U | 96.7 | 190 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 88.8 | U | 88.8 | 370 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 44.9 | U | 44.9 | 89.0 | ug/Kg |
| 67-72-1 | Hexachloroethane | 92.4 | U | 92.4 | 190 | ug/Kg |
| 98-95-3 | Nitrobenzene | 100 | U | 100 | 190 | ug/Kg |
| 78-59-1 | Isophorone | 94.2 | U | 94.2 | 190 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 110 | U | 110 | 190 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 190 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 95.5 | U | 95.5 | 190 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 84.0 | U | 84.0 | 190 | ug/Kg |
| 91-20-3 | Naphthalene | 91.9 | U | 91.9 | 190 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 91.9 | UQ | 91.9 | 190 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 92.7 | U | 92.7 | 190 | ug/Kg |
| 105-60-2 | Caprolactam | 96.6 | U | 96.6 | 370 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 86.3 | U | 86.3 | 190 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 91.8 | U | 91.8 | 190 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 370 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 79.5 | U | 79.5 | 190 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 82.4 | U | 82.4 | 190 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 97.3 | U | 97.3 | 190 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 92.7 | U | 92.7 | 190 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 110 | U | 110 | 190 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 90.9 | U | 90.9 | 190 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-2 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-04 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.05 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 |
|---|---|---|---|---|
| BF140584.D | 1 | 11/13/24 09:15 | 11/22/24 18:09 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 96.3 | U | 96.3 | 190 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 92.6 | U | 92.6 | 190 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 99.3 | UQ | 99.3 | 190 | ug/Kg |
| 83-32-9 | Acenaphthene | 90.3 | U | 90.3 | 190 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 270 | U | 270 | 370 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 370 | ug/Kg |
| 132-64-9 | Dibenzofuran | 93.9 | U | 93.9 | 190 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 95.9 | U | 95.9 | 190 | ug/Kg |
| 84-66-2 | Diethylphthalate | 89.1 | U | 89.1 | 190 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 95.3 | U | 95.3 | 190 | ug/Kg |
| 86-73-7 | Fluorene | 95.2 | U | 95.2 | 190 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 190 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 370 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 90.8 | U | 90.8 | 190 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 87.8 | U | 87.8 | 190 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 94.6 | U | 94.6 | 190 | ug/Kg |
| 1912-24-9 | Atrazine | 100 | U | 100 | 190 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 86.0 | U | 86.0 | 370 | ug/Kg |
| 85-01-8 | Phenanthrene | 93.5 | U | 93.5 | 190 | ug/Kg |
| 120-12-7 | Anthracene | 93.9 | U | 93.9 | 190 | ug/Kg |
| 86-74-8 | Carbazole | 89.4 | U | 89.4 | 190 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 93.8 | U | 93.8 | 190 | ug/Kg |
| 206-44-0 | Fluoranthene | 90.9 | U | 90.9 | 190 | ug/Kg |
| 129-00-0 | Pyrene | 92.4 | U | 92.4 | 190 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 110 | U | 110 | 190 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 370 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 89.8 | U | 89.8 | 190 | ug/Kg |
| 218-01-9 | Chrysene | 88.5 | U | 88.5 | 190 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 100 | U | 100 | 190 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 370 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 90.3 | U | 90.3 | 190 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-2 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-04 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.05 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 |
|---|---|---|---|---|
| BF140584.D | 1 | 11/13/24 09:15 | 11/22/24 18:09 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 91.9 | U | 91.9 | 190 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 100 | U | 100 | 190 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 86.9 | U | 86.9 | 190 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 90.4 | U | 90.4 | 190 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 89.1 | U | 89.1 | 190 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 96.6 | U | 96.6 | 190 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 190 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 83.1 | U | 83.1 | 190 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 75.6 | | 30 (18) - 130 (112) | 50% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 75.0 | | 30 (15) - 130 (107) | 50% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 52.5 | | 30 (18) - 130 (107) | 53% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 57.8 | | 30 (20) - 130 (109) | 58% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 64.2 | | 30 (10) - 130 (116) | 43% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 49.3 | | 30 (10) - 130 (105) | 49% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 94600 | 6.869 | | | |
| 1146-65-2 | Naphthalene-d8 | 339000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 156000 | 9.904 | | | |
| 1517-22-2 | Phenanthrene-d10 | 244000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 158000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 117000 | 15.539 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1400 | J | | 2.13 | ug/Kg |
| 000119-61-9 | Benzophenone | 440 | J | | 10.6 | ug/Kg |
| 000947-19-3 | Methanone, (1-hydroxycyclohexyl)ph | 88.3 | J | | 10.9 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 360 | J | | 11.9 | ug/Kg |
| 074685-33-9 | 3-Eicosene, (E)- | 280 | J | | 13.9 | ug/Kg |
| 000629-99-2 | Pentacosane | 110 | J | | 15.2 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | BAPS North Bergen | | | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | | | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-2 | | | SDG No.: | P4822 |
| Lab Sample ID: | P4822-04 | | | Matrix: | SOIL |
| Analytical Method: | SW8270 | | | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.05 | 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 |
|---|---|---|---|---|
| BF140584.D | 1 | 11/13/24 09:15 | 11/22/24 18:09 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-3 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-06 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.4 |
| Sample Wt/Vol: | 30.01 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 |
|---|---|---|---|---|
| BF140516.D | 1 | 11/13/24 09:15 | 11/20/24 22:40 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 360 | ug/Kg |
| 108-95-2 | Phenol | 90.7 | U | 90.7 | 190 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 91.5 | U | 91.5 | 190 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 91.3 | U | 91.3 | 190 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 88.2 | U | 88.2 | 190 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 99.4 | U | 99.4 | 190 | ug/Kg |
| 98-86-2 | Acetophenone | 95.0 | U | 95.0 | 190 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 87.3 | U | 87.3 | 360 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 44.1 | U | 44.1 | 87.5 | ug/Kg |
| 67-72-1 | Hexachloroethane | 90.8 | U | 90.8 | 190 | ug/Kg |
| 98-95-3 | Nitrobenzene | 99.3 | U | 99.3 | 190 | ug/Kg |
| 78-59-1 | Isophorone | 92.5 | U | 92.5 | 190 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 100 | U | 100 | 190 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 190 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 93.8 | U | 93.8 | 190 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 82.6 | U | 82.6 | 190 | ug/Kg |
| 91-20-3 | Naphthalene | 90.3 | U | 90.3 | 190 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 90.3 | UQ | 90.3 | 190 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 91.1 | U | 91.1 | 190 | ug/Kg |
| 105-60-2 | Caprolactam | 94.9 | U | 94.9 | 360 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 84.8 | U | 84.8 | 190 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 90.2 | U | 90.2 | 190 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 360 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 78.1 | U | 78.1 | 190 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 80.9 | U | 80.9 | 190 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 95.6 | U | 95.6 | 190 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 91.1 | U | 91.1 | 190 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 100 | U | 100 | 190 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 89.4 | U | 89.4 | 190 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-3 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-06 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.4 |
| Sample Wt/Vol: | 30.01 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 |
|---|---|---|---|---|
| BF140516.D | 1 | 11/13/24 09:15 | 11/20/24 22:40 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 94.6 | U | 94.6 | 190 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 91.0 | U | 91.0 | 190 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 97.6 | UQ | 97.6 | 190 | ug/Kg |
| 83-32-9 | Acenaphthene | 88.7 | U | 88.7 | 190 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 270 | U | 270 | 360 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 360 | ug/Kg |
| 132-64-9 | Dibenzofuran | 92.3 | U | 92.3 | 190 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 94.3 | U | 94.3 | 190 | ug/Kg |
| 84-66-2 | Diethylphthalate | 87.6 | U | 87.6 | 190 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 93.6 | U | 93.6 | 190 | ug/Kg |
| 86-73-7 | Fluorene | 93.5 | U | 93.5 | 190 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 190 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 360 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 89.2 | U | 89.2 | 190 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 86.3 | U | 86.3 | 190 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 93.0 | U | 93.0 | 190 | ug/Kg |
| 1912-24-9 | Atrazine | 100 | U | 100 | 190 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 84.5 | U | 84.5 | 360 | ug/Kg |
| 85-01-8 | Phenanthrene | 91.9 | U | 91.9 | 190 | ug/Kg |
| 120-12-7 | Anthracene | 92.3 | U | 92.3 | 190 | ug/Kg |
| 86-74-8 | Carbazole | 87.8 | U | 87.8 | 190 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 92.2 | U | 92.2 | 190 | ug/Kg |
| 206-44-0 | Fluoranthene | 140 | J | 89.4 | 190 | ug/Kg |
| 129-00-0 | Pyrene | 110 | J | 90.8 | 190 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 110 | U | 110 | 190 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 360 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 88.3 | U | 88.3 | 190 | ug/Kg |
| 218-01-9 | Chrysene | 87.0 | U | 87.0 | 190 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 99.5 | U | 99.5 | 190 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 360 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 89.1 | J | 88.7 | 190 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-3 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-06 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.4 |
| Sample Wt/Vol: | 30.01 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 |
|---|---|---|---|---|
| BF140516.D | 1 | 11/13/24 09:15 | 11/20/24 22:40 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 90.3 | U | 90.3 | 190 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 100 | U | 100 | 190 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 85.4 | U | 85.4 | 190 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 88.8 | U | 88.8 | 190 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 87.6 | U | 87.6 | 190 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 94.9 | U | 94.9 | 190 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 190 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 81.7 | U | 81.7 | 190 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 99.1 | | 30 (18) - 130 (112) | 66% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 88.5 | | 30 (15) - 130 (107) | 59% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 73.9 | | 30 (18) - 130 (107) | 74% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 86.4 | | 30 (20) - 130 (109) | 86% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 111 | | 30 (10) - 130 (116) | 74% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 72.4 | | 30 (10) - 130 (105) | 72% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 102000 | 6.875 | | | |
| 1146-65-2 | Naphthalene-d8 | 324000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 143000 | 9.91 | | | |
| 1517-22-2 | Phenanthrene-d10 | 282000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 215000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 157000 | 15.539 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1600 | J | | 2.15 | ug/Kg |
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 82.0 | AB | | 5.10 | ug/Kg |
| 000119-61-9 | Benzophenone | 630 | J | | 10.6 | ug/Kg |
| 001940-18-7 | Cyclohexanol, 1-ethyl- | 110 | J | | 10.9 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 620 | J | | 11.9 | ug/Kg |
| 000057-11-4 | Octadecanoic acid | 130 | J | | 12.7 | ug/Kg |
| 001599-67-3 | 1-Docosene | 260 | J | | 13.9 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

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|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-3 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-06 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.4 |
| Sample Wt/Vol: | 30.01 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 |
|---|---|---|---|---|
| BF140516.D | 1 | 11/13/24 09:15 | 11/20/24 22:40 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 007683-64-9 | Supraene | 360 | J | | 14.9 | ug/Kg |
| 000112-95-8 | Eicosane | 420 | J | | 15.2 | ug/Kg |
| 007225-64-1 | Heptadecane, 9-octyl- | 350 | J | | 16.0 | ug/Kg |

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-4 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-08 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.9 |
| Sample Wt/Vol: | 30.04 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 |
|---|---|---|---|---|
| BF140517.D | 1 | 11/13/24 09:15 | 11/20/24 23:06 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 350 | ug/Kg |
| 108-95-2 | Phenol | 89.1 | U | 89.1 | 180 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 90.0 | U | 90.0 | 180 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 89.8 | U | 89.8 | 180 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 86.6 | U | 86.6 | 180 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 97.7 | U | 97.7 | 180 | ug/Kg |
| 98-86-2 | Acetophenone | 93.4 | U | 93.4 | 180 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 85.8 | U | 85.8 | 350 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 43.3 | U | 43.3 | 86.0 | ug/Kg |
| 67-72-1 | Hexachloroethane | 89.2 | U | 89.2 | 180 | ug/Kg |
| 98-95-3 | Nitrobenzene | 97.6 | U | 97.6 | 180 | ug/Kg |
| 78-59-1 | Isophorone | 90.9 | U | 90.9 | 180 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 100 | U | 100 | 180 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 180 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 92.2 | U | 92.2 | 180 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 81.2 | U | 81.2 | 180 | ug/Kg |
| 91-20-3 | Naphthalene | 88.8 | U | 88.8 | 180 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 88.8 | UQ | 88.8 | 180 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 89.5 | U | 89.5 | 180 | ug/Kg |
| 105-60-2 | Caprolactam | 93.3 | U | 93.3 | 350 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 83.3 | U | 83.3 | 180 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 88.7 | U | 88.7 | 180 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 350 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 76.8 | U | 76.8 | 180 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 79.5 | U | 79.5 | 180 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 94.0 | U | 94.0 | 180 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 89.5 | U | 89.5 | 180 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 100 | U | 100 | 180 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 87.8 | U | 87.8 | 180 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-4 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-08 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.9 |
| Sample Wt/Vol: | 30.04 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 |
|---|---|---|---|---|
| BF140517.D | 1 | 11/13/24 09:15 | 11/20/24 23:06 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 93.0 | U | 93.0 | 180 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 89.4 | U | 89.4 | 180 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 95.9 | UQ | 95.9 | 180 | ug/Kg |
| 83-32-9 | Acenaphthene | 87.2 | U | 87.2 | 180 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 260 | 350 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 120 | U | 120 | 350 | ug/Kg |
| 132-64-9 | Dibenzofuran | 90.7 | U | 90.7 | 180 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 92.7 | U | 92.7 | 180 | ug/Kg |
| 84-66-2 | Diethylphthalate | 86.1 | U | 86.1 | 180 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 92.0 | U | 92.0 | 180 | ug/Kg |
| 86-73-7 | Fluorene | 91.9 | U | 91.9 | 180 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 180 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 350 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 87.7 | U | 87.7 | 180 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 84.8 | U | 84.8 | 180 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 91.4 | U | 91.4 | 180 | ug/Kg |
| 1912-24-9 | Atrazine | 98.3 | U | 98.3 | 180 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 83.1 | U | 83.1 | 350 | ug/Kg |
| 85-01-8 | Phenanthrene | 130 | J | 90.3 | 180 | ug/Kg |
| 120-12-7 | Anthracene | 90.7 | U | 90.7 | 180 | ug/Kg |
| 86-74-8 | Carbazole | 86.3 | U | 86.3 | 180 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 90.6 | U | 90.6 | 180 | ug/Kg |
| 206-44-0 | Fluoranthene | 220 | | 87.8 | 180 | ug/Kg |
| 129-00-0 | Pyrene | 190 | | 89.2 | 180 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 100 | U | 100 | 180 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 350 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 120 | J | 86.8 | 180 | ug/Kg |
| 218-01-9 | Chrysene | 100 | J | 85.5 | 180 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 97.8 | U | 97.8 | 180 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 350 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 130 | J | 87.2 | 180 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-4 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-08 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 92.9 |
| Sample Wt/Vol: | 30.04 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 |
|---|---|---|---|---|
| BF140517.D | 1 | 11/13/24 09:15 | 11/20/24 23:06 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 88.8 | U | 88.8 | 180 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 110 | J | 100 | 180 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 84.0 | U | 84.0 | 180 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 87.3 | U | 87.3 | 180 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 86.1 | U | 86.1 | 180 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 93.3 | U | 93.3 | 180 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 180 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 80.3 | U | 80.3 | 180 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 85.0 | | 30 (18) - 130 (112) | 57% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 76.3 | | 30 (15) - 130 (107) | 51% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 60.5 | | 30 (18) - 130 (107) | 60% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 71.0 | | 30 (20) - 130 (109) | 71% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 89.9 | | 30 (10) - 130 (116) | 60% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 66.4 | | 30 (10) - 130 (105) | 66% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 96500 | 6.875 | | | |
| 1146-65-2 | Naphthalene-d8 | 315000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 147000 | 9.91 | | | |
| 1517-22-2 | Phenanthrene-d10 | 285000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 192000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 146000 | 15.545 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1300 | J | | 2.13 | ug/Kg |
| 000119-61-9 | Benzophenone | 390 | J | | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 510 | J | | 11.9 | ug/Kg |
| 000057-11-4 | Octadecanoic acid | 150 | J | | 12.7 | ug/Kg |
| 018435-45-5 | 1-Nonadecene | 200 | J | | 13.9 | ug/Kg |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | BAPS North Bergen | | | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | | | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-4 | | | SDG No.: | P4822 |
| Lab Sample ID: | P4822-08 | | | Matrix: | SOIL |
| Analytical Method: | SW8270 | | | % Solid: | 92.9 |
| Sample Wt/Vol: | 30.04 | 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 |
|---|---|---|---|---|
| BF140517.D | 1 | 11/13/24 09:15 | 11/20/24 23:06 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-5 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-10 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.5 |
| Sample Wt/Vol: | 30.09 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 |
|---|---|---|---|---|
| BF140514.D | 1 | 11/13/24 09:15 | 11/20/24 21:47 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 360 | ug/Kg |
| 108-95-2 | Phenol | 90.3 | U | 90.3 | 190 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 91.2 | U | 91.2 | 190 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 91.0 | U | 91.0 | 190 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 87.8 | U | 87.8 | 190 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 99.0 | U | 99.0 | 190 | ug/Kg |
| 98-86-2 | Acetophenone | 94.7 | U | 94.7 | 190 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 87.0 | U | 87.0 | 360 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 43.9 | U | 43.9 | 87.2 | ug/Kg |
| 67-72-1 | Hexachloroethane | 90.4 | U | 90.4 | 190 | ug/Kg |
| 98-95-3 | Nitrobenzene | 98.9 | U | 98.9 | 190 | ug/Kg |
| 78-59-1 | Isophorone | 92.2 | U | 92.2 | 190 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 100 | U | 100 | 190 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 190 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 93.5 | U | 93.5 | 190 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 82.3 | U | 82.3 | 190 | ug/Kg |
| 91-20-3 | Naphthalene | 90.0 | U | 90.0 | 190 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 90.0 | UQ | 90.0 | 190 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 90.8 | U | 90.8 | 190 | ug/Kg |
| 105-60-2 | Caprolactam | 94.6 | U | 94.6 | 360 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 84.4 | U | 84.4 | 190 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 89.9 | U | 89.9 | 190 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 360 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 77.8 | U | 77.8 | 190 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 80.6 | U | 80.6 | 190 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 95.2 | U | 95.2 | 190 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 90.8 | U | 90.8 | 190 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 100 | U | 100 | 190 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 89.0 | U | 89.0 | 190 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-5 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-10 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.5 |
| Sample Wt/Vol: | 30.09 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 |
|---|---|---|---|---|
| BF140514.D | 1 | 11/13/24 09:15 | 11/20/24 21:47 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 94.3 | U | 94.3 | 190 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 90.7 | U | 90.7 | 190 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 97.2 | UQ | 97.2 | 190 | ug/Kg |
| 83-32-9 | Acenaphthene | 88.4 | U | 88.4 | 190 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 260 | U | 260 | 360 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 360 | ug/Kg |
| 132-64-9 | Dibenzofuran | 92.0 | U | 92.0 | 190 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 93.9 | U | 93.9 | 190 | ug/Kg |
| 84-66-2 | Diethylphthalate | 87.3 | U | 87.3 | 190 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 93.3 | U | 93.3 | 190 | ug/Kg |
| 86-73-7 | Fluorene | 93.2 | U | 93.2 | 190 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 190 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 360 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 88.9 | U | 88.9 | 190 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 86.0 | U | 86.0 | 190 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 92.6 | U | 92.6 | 190 | ug/Kg |
| 1912-24-9 | Atrazine | 99.6 | U | 99.6 | 190 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 84.2 | U | 84.2 | 360 | ug/Kg |
| 85-01-8 | Phenanthrene | 91.5 | U | 91.5 | 190 | ug/Kg |
| 120-12-7 | Anthracene | 92.0 | U | 92.0 | 190 | ug/Kg |
| 86-74-8 | Carbazole | 87.5 | U | 87.5 | 190 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 91.9 | U | 91.9 | 190 | ug/Kg |
| 206-44-0 | Fluoranthene | 190 | | 89.0 | 190 | ug/Kg |
| 129-00-0 | Pyrene | 130 | J | 90.4 | 190 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 110 | U | 110 | 190 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 360 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 130 | J | 87.9 | 190 | ug/Kg |
| 218-01-9 | Chrysene | 110 | J | 86.6 | 190 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 99.2 | U | 99.2 | 190 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 360 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 140 | J | 88.4 | 190 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-5 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-10 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.5 |
| Sample Wt/Vol: | 30.09 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 |
|---|---|---|---|---|
| BF140514.D | 1 | 11/13/24 09:15 | 11/20/24 21:47 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 90.0 | U | 90.0 | 190 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 100 | J | 100 | 190 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 85.1 | U | 85.1 | 190 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 88.5 | U | 88.5 | 190 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 87.3 | U | 87.3 | 190 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 94.6 | U | 94.6 | 190 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 190 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 81.4 | U | 81.4 | 190 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 78.1 | | 30 (18) - 130 (112) | 52% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 70.2 | | 30 (15) - 130 (107) | 47% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 55.1 | | 30 (18) - 130 (107) | 55% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 66.2 | | 30 (20) - 130 (109) | 66% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 75.2 | | 30 (10) - 130 (116) | 50% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 49.8 | | 30 (10) - 130 (105) | 50% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 108000 | 6.875 | | | |
| 1146-65-2 | Naphthalene-d8 | 359000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 160000 | 9.91 | | | |
| 1517-22-2 | Phenanthrene-d10 | 278000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 237000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 186000 | 15.527 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1200 | J | | 2.15 | ug/Kg |
| 000119-61-9 | Benzophenone | 440 | J | | 10.6 | ug/Kg |
| 000947-19-3 | Methanone, (1-hydroxycyclohexyl)ph | 79.2 | J | | 10.9 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 740 | J | | 11.9 | ug/Kg |
| 000057-11-4 | Octadecanoic acid | 280 | J | | 12.7 | ug/Kg |
| 028413-57-2 | 1-(Phenylthio)-3,7,11-trimethyl-2, | 320 | J | | 14.9 | ug/Kg |
| 000112-95-8 | Eicosane | 140 | J | | 15.2 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | BAPS North Bergen | | | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | | | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-5 | | | SDG No.: | P4822 |
| Lab Sample ID: | P4822-10 | | | Matrix: | SOIL |
| Analytical Method: | SW8270 | | | % Solid: | 91.5 |
| Sample Wt/Vol: | 30.09 | 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 |
|---|---|---|---|---|
| BF140514.D | 1 | 11/13/24 09:15 | 11/20/24 21:47 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 000629-94-7 | Heneicosane | 150 | J | | 16.0 | ug/Kg |

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

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-6 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-12 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 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 |
|---|---|---|---|---|
| BF140515.D | 1 | 11/13/24 09:15 | 11/20/24 22:13 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 200 | U | 200 | 360 | ug/Kg |
| 108-95-2 | Phenol | 90.6 | U | 90.6 | 190 | ug/Kg |
| 111-44-4 | bis(2-Chloroethyl)ether | 91.5 | U | 91.5 | 190 | ug/Kg |
| 95-57-8 | 2-Chlorophenol | 91.3 | U | 91.3 | 190 | ug/Kg |
| 95-48-7 | 2-Methylphenol | 88.1 | U | 88.1 | 190 | ug/Kg |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 99.4 | U | 99.4 | 190 | ug/Kg |
| 98-86-2 | Acetophenone | 95.0 | U | 95.0 | 190 | ug/Kg |
| 65794-96-9 | 3+4-Methylphenols | 87.2 | U | 87.2 | 360 | ug/Kg |
| 621-64-7 | n-Nitroso-di-n-propylamine | 44.1 | U | 44.1 | 87.4 | ug/Kg |
| 67-72-1 | Hexachloroethane | 90.7 | U | 90.7 | 190 | ug/Kg |
| 98-95-3 | Nitrobenzene | 99.3 | U | 99.3 | 190 | ug/Kg |
| 78-59-1 | Isophorone | 92.5 | U | 92.5 | 190 | ug/Kg |
| 88-75-5 | 2-Nitrophenol | 100 | U | 100 | 190 | ug/Kg |
| 105-67-9 | 2,4-Dimethylphenol | 100 | U | 100 | 190 | ug/Kg |
| 111-91-1 | bis(2-Chloroethoxy)methane | 93.8 | U | 93.8 | 190 | ug/Kg |
| 120-83-2 | 2,4-Dichlorophenol | 82.5 | U | 82.5 | 190 | ug/Kg |
| 91-20-3 | Naphthalene | 90.3 | U | 90.3 | 190 | ug/Kg |
| 106-47-8 | 4-Chloroaniline | 90.3 | UQ | 90.3 | 190 | ug/Kg |
| 87-68-3 | Hexachlorobutadiene | 91.1 | U | 91.1 | 190 | ug/Kg |
| 105-60-2 | Caprolactam | 94.9 | U | 94.9 | 360 | ug/Kg |
| 59-50-7 | 4-Chloro-3-methylphenol | 84.7 | U | 84.7 | 190 | ug/Kg |
| 91-57-6 | 2-Methylnaphthalene | 90.2 | U | 90.2 | 190 | ug/Kg |
| 77-47-4 | Hexachlorocyclopentadiene | 170 | UQ | 170 | 360 | ug/Kg |
| 88-06-2 | 2,4,6-Trichlorophenol | 78.0 | U | 78.0 | 190 | ug/Kg |
| 95-95-4 | 2,4,5-Trichlorophenol | 80.9 | U | 80.9 | 190 | ug/Kg |
| 92-52-4 | 1,1-Biphenyl | 95.5 | U | 95.5 | 190 | ug/Kg |
| 91-58-7 | 2-Chloronaphthalene | 91.1 | U | 91.1 | 190 | ug/Kg |
| 88-74-4 | 2-Nitroaniline | 100 | U | 100 | 190 | ug/Kg |
| 131-11-3 | Dimethylphthalate | 89.3 | U | 89.3 | 190 | ug/Kg |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-6 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-12 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 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 |
|---|---|---|---|---|
| BF140515.D | 1 | 11/13/24 09:15 | 11/20/24 22:13 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 94.6 | U | 94.6 | 190 | ug/Kg |
| 606-20-2 | 2,6-Dinitrotoluene | 90.9 | U | 90.9 | 190 | ug/Kg |
| 99-09-2 | 3-Nitroaniline | 97.5 | UQ | 97.5 | 190 | ug/Kg |
| 83-32-9 | Acenaphthene | 88.7 | U | 88.7 | 190 | ug/Kg |
| 51-28-5 | 2,4-Dinitrophenol | 270 | U | 270 | 360 | ug/Kg |
| 100-02-7 | 4-Nitrophenol | 130 | U | 130 | 360 | ug/Kg |
| 132-64-9 | Dibenzofuran | 92.3 | U | 92.3 | 190 | ug/Kg |
| 121-14-2 | 2,4-Dinitrotoluene | 94.2 | U | 94.2 | 190 | ug/Kg |
| 84-66-2 | Diethylphthalate | 87.6 | U | 87.6 | 190 | ug/Kg |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 93.6 | U | 93.6 | 190 | ug/Kg |
| 86-73-7 | Fluorene | 93.5 | U | 93.5 | 190 | ug/Kg |
| 100-01-6 | 4-Nitroaniline | 120 | U | 120 | 190 | ug/Kg |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 130 | U | 130 | 360 | ug/Kg |
| 86-30-6 | n-Nitrosodiphenylamine | 89.2 | U | 89.2 | 190 | ug/Kg |
| 101-55-3 | 4-Bromophenyl-phenylether | 86.2 | U | 86.2 | 190 | ug/Kg |
| 118-74-1 | Hexachlorobenzene | 92.9 | U | 92.9 | 190 | ug/Kg |
| 1912-24-9 | Atrazine | 99.9 | U | 99.9 | 190 | ug/Kg |
| 87-86-5 | Pentachlorophenol | 84.5 | U | 84.5 | 360 | ug/Kg |
| 85-01-8 | Phenanthrene | 94.1 | J | 91.8 | 190 | ug/Kg |
| 120-12-7 | Anthracene | 92.3 | U | 92.3 | 190 | ug/Kg |
| 86-74-8 | Carbazole | 87.8 | U | 87.8 | 190 | ug/Kg |
| 84-74-2 | Di-n-butylphthalate | 92.1 | U | 92.1 | 190 | ug/Kg |
| 206-44-0 | Fluoranthene | 190 | | 89.3 | 190 | ug/Kg |
| 129-00-0 | Pyrene | 130 | J | 90.7 | 190 | ug/Kg |
| 85-68-7 | Butylbenzylphthalate | 110 | U | 110 | 190 | ug/Kg |
| 91-94-1 | 3,3-Dichlorobenzidine | 110 | UQ | 110 | 360 | ug/Kg |
| 56-55-3 | Benzo(a)anthracene | 90.0 | J | 88.2 | 190 | ug/Kg |
| 218-01-9 | Chrysene | 89.2 | J | 86.9 | 190 | ug/Kg |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 99.5 | U | 99.5 | 190 | ug/Kg |
| 117-84-0 | Di-n-octyl phthalate | 120 | U | 120 | 360 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 120 | J | 88.7 | 190 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | BAPS North Bergen | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-6 | SDG No.: | P4822 |
| Lab Sample ID: | P4822-12 | Matrix: | SOIL |
| Analytical Method: | SW8270 | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 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 |
|---|---|---|---|---|
| BF140515.D | 1 | 11/13/24 09:15 | 11/20/24 22:13 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 90.3 | U | 90.3 | 190 | ug/Kg |
| 50-32-8 | Benzo(a)pyrene | 100 | U | 100 | 190 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 85.4 | U | 85.4 | 190 | ug/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 88.8 | U | 88.8 | 190 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 87.6 | U | 87.6 | 190 | ug/Kg |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 94.9 | U | 94.9 | 190 | ug/Kg |
| 123-91-1 | 1,4-Dioxane | 120 | U | 120 | 190 | ug/Kg |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 81.7 | U | 81.7 | 190 | ug/Kg |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 97.9 | | 30 (18) - 130 (112) | 65% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 88.1 | | 30 (15) - 130 (107) | 59% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 69.9 | | 30 (18) - 130 (107) | 70% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 80.7 | | 30 (20) - 130 (109) | 81% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 97.9 | | 30 (10) - 130 (116) | 65% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 64.2 | | 30 (10) - 130 (105) | 64% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 108000 | 6.875 | | | |
| 1146-65-2 | Naphthalene-d8 | 361000 | 8.151 | | | |
| 15067-26-2 | Acenaphthene-d10 | 164000 | 9.91 | | | |
| 1517-22-2 | Phenanthrene-d10 | 294000 | 11.398 | | | |
| 1719-03-5 | Chrysene-d12 | 239000 | 14.045 | | | |
| 1520-96-3 | Perylene-d12 | 181000 | 15.545 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000994-05-8 | Butane, 2-methoxy-2-methyl- | 1700 | J | | 2.15 | ug/Kg |
| 000119-61-9 | Benzophenone | 500 | J | | 10.6 | ug/Kg |
| 000947-19-3 | Methanone, (1-hydroxycyclohexyl)ph | 76.2 | J | | 10.9 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 510 | J | | 11.9 | ug/Kg |
| 000057-11-4 | Octadecanoic acid | 130 | J | | 12.7 | ug/Kg |
| 000112-88-9 | 1-Octadecene | 200 | J | | 13.9 | ug/Kg |
| 000629-97-0 | Docosane | 75.4 | J | | 14.5 | ug/Kg |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | BAPS North Bergen | | | Date Collected: | 11/12/24 |
| Project: | BAPS North Bergen | | | Date Received: | 11/12/24 |
| Client Sample ID: | SOIL-6 | | | SDG No.: | P4822 |
| Lab Sample ID: | P4822-12 | | | Matrix: | SOIL |
| Analytical Method: | SW8270 | | | % Solid: | 91.3 |
| Sample Wt/Vol: | 30.06 | 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 |
|---|---|---|---|---|
| BF140515.D | 1 | 11/13/24 09:15 | 11/20/24 22:13 | PB164940 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| 007683-64-9 | Supraene | 150 | J | | 14.9 | ug/Kg |
| 1000406-32-4 | Dotriacontane, 1-iodo- | 400 | J | | 15.2 | ug/Kg |
| 000629-92-5 | Nonadecane | 370 | J | | 16.0 | ug/Kg |
| 001617-70-5 | Lup-20(29)-en-3-one | 620 | J | | 18.2 | ug/Kg |
| 001058-61-3 | Stigmast-4-en-3-one | 530 | J | | 18.7 | ug/Kg |

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

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | P4822 | **OrderDate:** | 11/12/2024 1:54:09 PM |
| **Client:** | BAPS North Bergen | **Project:** | BAPS North Bergen |
| **Contact:** | Rakesh Patel | **Location:** | L21,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **P4822-02** | **SOIL-1** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/22/24 | |
| **P4822-04** | **SOIL-2** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/22/24 | |
| **P4822-06** | **SOIL-3** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/20/24 | |
| **P4822-08** | **SOIL-4** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/20/24 | |
| **P4822-10** | **SOIL-5** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/20/24 | |
| **P4822-12** | **SOIL-6** | **SOIL** | | | **11/12/24** | | | **11/12/24** |
| | | | SVOC-TCL BNA -20 | 8270E | | 11/13/24 | 11/20/24 | |