

Chapter NR 507

APPENDIX IV

SEMIVOLATILE ORGANIC COMPOUND (SVOC) ANALYTE¹ LIST

| Analyte ² | CAS ³ Number | Systematic Name ⁴ /Common Name |
|----------------------------------|----------------------------|---|
| Acenaphthene | 83-32-9 | Acenaphthylene, 1,2-dihydro- |
| Acenaphthylene | 208-96-8 | Acenaphthylene |
| Acetophenone | 98-86-2 | Ethanone, 1-phenyl- |
| Anthracene | 120-12-7 | Anthracene |
| Benz(a)anthracene | 56-55-3 | Benz[a]anthracene Benzanthracene |
| Benzo(b)fluoroanthene | 205-99-2 | Benz[e]acephenanthrylene |
| Benzo(k)fluoroanthene | 207-08-9 | Benzo[k]fluoroanthene |
| Benzo(g,h,i)perylene | 191-24-2 | Benzo[ghi]perylene |
| Benzo(a)pyrene | 50-32-8 | Benzo[a]pyrene |
| Benzyl alcohol | 100-51-6 | Benzenemethanol |
| Bis(2-chloroethoxy)methane | 111-91-1 | Ethane, 1,1'-[methylenebis (oxy)]bis[2-chloro- |
| Bis(2-chloroethyl)ether | 111-44-4 | Ethane, 1,1'-oxybis[2-chloro- Dichloroethyl ether |
| Bis(2-chloro-1-methylethyl)ether | 108-60-1 | Propane, 2,2'-oxybis[1-chloro- Bis(2-chloroisopropyl)ether |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester |
| 4-Bromophenyl phenyl ether | 101-55-3 | Benzene, 1-bromo-4-phenoxy- |
| Butyl benzyl phthalate | 85-68-7 | 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester |
| p-Chloro-m-cresol | 59-50-7 | Phenol, 4-chloro-3-methyl- 4-Chloro-3-methylphenol |
| 2-Chloronaphthalene | 91-58-7 | Naphthalene, 2-chloro- |
| 2-Chlorophenol | 95-57-8 | Phenol, 2-chloro- |
| p-Chlorophenyl phenyl ether | 7005-72-3 | Benzene, 1-chloro-4-phenoxy- 4-Chlorophenyl phenyl ether |

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| Chrysene | 218-01-9 | Chrysene |
| m-Cresol | 108-39-4 | Phenol, 3-methyl- 3-Methylphenol |
| o-Cresol | 95-48-7 | Phenol, 2-methyl- 2-Methylphenol |
| p-Cresol | 106-44-5 | Phenol, 4-methyl- 4-Methylphenol |
| Dibenz(a,h)anthracene | 53-70-3 | Dibenz[a,h]anthracene |
| Dibenzofuran | 132-64-9 | Dibenzofuran |
| Di-n-butyl phthalate | 84-74-2 | 1,2-Benzenedicarboxylic acid, dibutyl ester |
| m-Dichlorobenzene | 541-73-1 | Benzene, 1,3-dichloro- 1,3-Dichlorobenzene |
| o-Dichlorobenzene | 95-50-1 | Benzene, 1,2-dichloro- 1,2-Dichlorobenzene |
| p-Dichlorobenzene | 106-46-7 | Benzene, 1,4-dichloro- 1,4-Dichlorobenzene |
| 3,3'-Dichlorobenzidine | 91-94-1 | [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro- |
| 2,4-Dichlorophenol | 120-83-2 | Phenol, 2,4-dichloro- |
| Diethyl phthalate | 84-66-2 | 1,2-Benzenedicarboxylic acid, diethyl ester |
| 2,4-Dimethylphenol | 105-67-9 | Phenol, 2,4-dimethyl- m-Xylenol |
| Dimethyl phthalate | 131-11-3 | 1,2-Benzenedicarboxylic acid, dimethyl ester |
| 4,6-Dinitro-o-cresol | 534-52-1 | 1,2-Benzenedicarboxylic acid, dimethyl ester 4,6-Dinitro-2-methylphenol |
| 2,4-Dinitrophenol | 51-28-5 | Phenol, 2,4-dinitro- |
| 2,4,-Dinitrotoluene | 121-14-2 | Benzene, 1-methyl-2,4-dinitro- |
| 2,6-Dinitrotoluene | 606-20-2 | Benzene, 2-methyl-1,3-dinitro- |
| Di-n-octyl phthalate | 117-84-0 | 1,2-Benzenedicarboxylic acid, dioctyl ester |
| Diphenylamine | 122-39-4 | Benzeneamine, N-phenyl- |
| Fluoranthene | 206-44-0 | Fluoranthene |

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| Fluorene | 86-73-7 | 9H-Fluorene |
| Hexachlorobenzene | 118-74-1 | Benzene, hexachloro- |
| Hexachlorobutadiene | 87-68-3 | 1,3-Butadiene, 1,1,2,3,4,4-hexachloro- |
| Hexachlorocyclopentadiene | 77-47-4 | 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- |
| Hexachloroethane | 67-72-1 | Ethane, hexachloro- |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | Indeno[1,2,3-cd]pyrene |
| Isophorone | 78-59-1 | 2-Cyclohexen-1-one, 3,5,5-trimethyl- |
| 1-Methylnaphthalene | 90-12-0 | Naphthalene, 1-methyl- |
| 2-Methylnaphthalene | 91-57-6 | Naphthalene, 2-methyl- |
| Naphthalene | 91-20-3 | Naphthalene |
| m-Nitroaniline | 99-09-2 | Benzenamine, 3-nitro- 3-Nitroaniline |
| o-Nitroaniline | 88-74-4 | Benzenamine, 2-nitro- 2-Nitroaniline |
| p-Nitroaniline | 100-01-6 | Benzenamine, 4-nitro- 4-Nitroaniline |
| Nitrobenzene | 98-95-3 | Benzene, nitro- |
| o-Nitrophenol | 88-75-5 | Phenol, 2-nitro- 2-Nitrophenol |
| p-Nitrophenol | 100-02-7 | Phenol, 4-nitro- 4-Nitrophenol |
| N-Nitrosodimethylamine | 62-75-9 | Methanamine, N-methyl-N-nitroso- |
| N-Nitrosodipropylamine | 621-64-7 | 1-Propanamine, N-nitroso-N-propyl- N-Nitroso-N-dipropylamine |
| Pentachlorophenol | 87-86-5 | Phenol, pentachloro- |
| Phenanthrene | 85-01-8 | Phenanthrene |
| Phenol | 108-95-2 | Phenol |
| Pyrene | 129-00-0 | Pyrene |
| Pyridine | 110-86-1 | Pyridine |

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| 2,3,4,6-Tetrachlorophenol | 58-90-2 | Phenol, 2,3,4,6-tetrachloro- |
| 1,2,4-Trichlorobenzene | 120-82-1 | Benzene, 1,2,4-trichloro- |
| 2,4,5-Trichlorophenol | 95-95-4 | Phenol, 2,4,5-trichloro- |
| 2,4,6-Trichlorophenol | 88-06-2 | Phenol, 2,4,6-trichloro- |

1 Current Wisconsin DNR GEMS parameter numbers for the substances in Appendix IV can be found at <http://dnr.wi.gov/topic/Landfills/data.html>

2 Analyte names are EPA registry names see: <http://epa.gov/srs>

3 Chemical Abstracts Service registry number

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