

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-
Fluoroanthene	206-44-0	Fluoroanthene

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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

4 Systematic names are EPA registry names see: <http://epa.gov/srs>