

Environmental Analytes

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Component Name	CAS Number	NHANES code	NDEP Notes
1,1'-Biphenyl	92-52-4		SVOC - Soil & Dust
2,2'-oxybis(1-Chloropropane)	108-60-1		SVOC - Soil & Dust
2,4-dichlorophenol	120-83-2	2DP	SVOC - Soil & Dust
2,4-Dimethylphenol	105-67-9		SVOC - Soil & Dust
2,4-Dinitrophenol	51-28-5		SVOC - Soil & Dust
2,4-Dinitrotoluene	121-14-2		SVOC - Soil & Dust
2,4,5-trichlorophenol	95-95-4	24T	SVOC - Soil & Dust
2,4,6-trichlorophenol	88-06-2	26T	SVOC - Soil & Dust
2,6-Dinitrotoluene	606-20-2		SVOC - Soil & Dust
2-Chloronaphthalene	91-58-7		SVOC - Soil & Dust
2-Chlorophenol	95-57-8		SVOC - Soil & Dust
2-Methylnaphthalene	91-57-6		SVOC - Soil & Dust
2-Methylphenol	95-48-7		SVOC - Soil & Dust
2-Nitroaniline	88-74-4		SVOC - Soil & Dust
2-Nitrophenol	88-75-5		SVOC - Soil & Dust
3,3'-Dichlorobenzidine	91-94-1		SVOC - Soil & Dust
3-Nitroaniline	99-09-2		SVOC - Soil & Dust
4,6-Dinitro-2-methylphenol	534-52-1		SVOC - Soil & Dust
4-Bromophenyl-phenylether	101-55-3		SVOC - Soil & Dust
4-Chloro-3-methylphenol	59-50-7		SVOC - Soil & Dust
4-Chloroaniline	106-47-8		SVOC - Soil & Dust
4-Chlorophenyl-phenyl ether	7005-72-3		SVOC - Soil & Dust
4-Methylphenol	106-44-5		SVOC - Soil & Dust
4-Nitroaniline	100-01-6		SVOC - Soil & Dust
4-Nitrophenol	100-02-7		SVOC - Soil & Dust
Acenaphthene	83-32-9		SVOC - Soil & Dust
Acenaphthylene	208-96-8		SVOC - Soil & Dust
Acetophenone	98-86-2		SVOC - Soil & Dust
Anthracene	120-12-7		SVOC - Soil & Dust
ATRAZINE	1912-24-9		SVOC - Soil
Benzaldehyde	100-52-7		SVOC - Soil & Dust

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Benzo(a)anthracene	56-55-3		SVOC - Soil & Dust
Benzo(a)pyrene	50-32-8		SVOC - Soil & Dust
Benzo(b)fluoranthene	205-99-2		SVOC - Soil & Dust
Benzo(g,h,i)perylene	191-24-2		SVOC - Soil & Dust
Benzo(k)fluoranthene	207-08-9		SVOC - Soil & Dust
bis(2-Chloroethoxy)methane	111-91-1		SVOC - Soil & Dust
bis-(2-Chloroethyl) ether	111-44-4		SVOC - Soil & Dust
bis(2-Ethylhexyl)phthalate	117-81-7		SVOC - Soil & Dust
Butylbenzylphthalate	85-68-7		SVOC - Soil & Dust
Caprolactam	105-60-2		SVOC - Soil & Dust
Carbazole	86-74-8		SVOC - Soil & Dust
Chrysene	218-01-9		SVOC - Soil & Dust
Dibenzo(a,h)anthracene	53-70-3		SVOC - Soil & Dust
Dibenzofuran	132-64-9		SVOC - Soil & Dust
Diethylphthalate	84-66-2		SVOC - Soil & Dust
Dimethylphthalate	131-11-3		SVOC - Soil & Dust
Di-n-butylphthalate	84-74-2		SVOC - Soil & Dust
Di-n-octylphthalate	117-84-0		SVOC - Soil & Dust
Fluoranthene	206-44-0		SVOC - Soil & Dust
Fluorene	86-73-7		SVOC - Soil & Dust
hexachlorobenzene	118-74-1	HCB	SVOC - Soil & Dust
Hexachlorocyclopentadiene	77-47-4		SVOC - Soil & Dust
Hexachloroethane	67-72-1		SVOC - Soil & Dust
Indeno(1,2,3-cd)pyrene	193-39-5		SVOC - Soil & Dust
Isophorone	78-59-1		SVOC - Soil & Dust
Naphthalene	91-20-3		SVOC - Soil & Dust
Nitrobenzene	98-95-3		SVOC - Soil & Dust
N-Nitroso-di-n-propylamine	621-64-7		SVOC - Soil & Dust
N-Nitrosodiphenylamine	86-30-6		SVOC - Soil & Dust
pentachlorophenol	87-86-5	PCP	SVOC - Soil & Dust
Phenanthrene	85-01-8		SVOC - Soil & Dust
Phenol	108-95-2		SVOC - Soil & Dust

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Pyrene	129-00-0		SVOC - Soil & Dust
Arochlor-1016	12674-11-2		Arochlor - Soil & Dust
Arochlor-1221	11104-28-2		Arochlor - Soil & Dust
Arochlor-1232	11141-16-5		Arochlor - Soil & Dust
Arochlor-1242	53469-21-9		Arochlor - Soil & Dust
Arochlor-1248	12672-29-6		Arochlor - Soil & Dust
Arochlor-1254	11097-69-1		Arochlor - Soil & Dust
Arochlor-1260	11096-82-5		Arochlor - Soil & Dust
Aluminum	7429-90-5		Inorganics – Soil & Dust
Antimony	7440-36-0		Inorganics – Soil & Dust
Arsenic	7440-38-2		Inorganics – Soil & Dust
Barium	7440-39-3		Inorganics – Soil & Dust
Beryllium	7440-41-7		Inorganics – Soil & Dust
Cadmium	7440-43-9		Inorganics – Soil & Dust
Calcium	7440-70-2		Inorganics – Soil & Dust
Chromium	7440-47-3		Inorganics – Soil & Dust
Cobalt	7440-48-4		Inorganics – Soil & Dust
Copper	7440-50-8		Inorganics – Soil & Dust
Iron	7439-89-6		Inorganics – Soil & Dust
Lead	7439-92-1		Inorganics – Soil & Dust
Magnesium	7439-95-4		Inorganics – Soil & Dust
Manganese	7439-96-5		Inorganics – Soil & Dust
Mercury	7439-97-6		Inorganics – Soil & Dust
Nickel	7440-02-0		Inorganics – Soil & Dust
Potassium	7440-09-7		Inorganics – Soil & Dust
Selenium	7782-49-2		Inorganics – Soil & Dust
Silver	7440-22-4		Inorganics – Soil & Dust
Sodium	7440-23-5		Inorganics – Soil & Dust
Thallium	7440-28-0		Inorganics – Soil & Dust
Vanadium	7440-62-2		Inorganics – Soil & Dust

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Zinc	7440-66-6		Inorganics – Soil & Dust
4,4'-DDD	72-54-8		OC-Pesticide – Soil & Dust
4,4'-DDE	72-55-9		OC-Pesticide – Soil & Dust
4,4'-DDT	50-29-3		OC-Pesticide – Soil & Dust
Aldrin	309-00-2		OC-Pesticide – Soil & Dust
alpha-Chlordane	5103-71-9	ACD	OC-Pesticide – Soil & Dust
BHC alpha	319-84-6		OC-Pesticide – Soil & Dust
BHC beta	319-85-7		OC-Pesticide – Soil & Dust
BHC delta	319-86-8		OC-Pesticide – Soil & Dust
BHC gamma (Lindane)	58-89-9		OC-Pesticide – Soil & Dust
Dieldrin	60-57-1	DIE	OC-Pesticide – Soil & Dust
Endosulfan II	33213-65-9		OC-Pesticide – Soil & Dust
Endosulfan I	959-98-8		OC-Pesticide – Soil & Dust
Endosulfan sulfate	1031-07-8		OC-Pesticide – Soil & Dust
Endrin	72-20-8		OC-Pesticide – Soil & Dust
Endrin aldehyde	7421-93-4		OC-Pesticide – Soil & Dust
Endrin ketone	53494-70-5		OC-Pesticide – Soil & Dust
gamma-Chlordane	5103-74-2		OC-Pesticide – Soil & Dust
Heptachlor	76-44-8		OC-Pesticide – Soil & Dust
Heptachlor epoxide	1024-57-3		OC-Pesticide – Soil & Dust
METHAMIDOPHOS	10265-92-6		OC-Pesticide – Soil & Dust
Methoxychlor	72-43-5		OC-Pesticide – Soil & Dust
PARATHION	56-38-2		OC-Pesticide – Soil & Dust
PARATHION-METHYL	298-00-0		OC-Pesticide – Soil & Dust
PERMETHRIN	52645-53-1		OC-Pesticide – Soil & Dust
PIRIMIPHOS	23505-41-1		OC-Pesticide – Soil & Dust
PIRIMIPHOS METHYL	29232-93-7		OC-Pesticide – Soil & Dust
PROPOXUR	114-26-1		OC-Pesticide – Soil & Dust
Toxaphene	8001-35-2		OC-Pesticide – Soil & Dust
2,4-D	2008-39-1		OP-Pesticide – Soil & Dust

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ACEPHATE	30560-19-1		OP-Pesticide – Soil & Dust
ALACHLOR	15972-60-8		OP-Pesticide – Soil & Dust
AMTROLE	61-82-5		OP-Pesticide – Soil & Dust
ATRAZINE	1912-24-9		OP-Pesticide -- Dust
AZINPHOS-METHYL	86-50-0		OP-Pesticide – Soil & Dust
CARBARYL	63-25-2		OP-Pesticide – Soil & Dust
CARBOFURAN	1563-66-2		OP-Pesticide – Soil & Dust
CHLORPYRIFOS	2921-88-2		OP-Pesticide – Soil & Dust
CHLORPYRIFOS-METHYL	5598-13-0		OP-Pesticide – Soil & Dust
COUMAPHOS	56-72-4		OP-Pesticide – Soil & Dust
CYFLUTHRIN	68359-37-5		OP-Pesticide – Soil & Dust
CYPERMETHRIN	52315-07-8		OP-Pesticide – Soil & Dust
DEET	134-62-3		OP-Pesticide – Soil & Dust
DELTAMEHRIN	52918-63-5		OP-Pesticide – Soil & Dust
DIAZINON	333-41-5		OP-Pesticide – Soil & Dust
DIMETHOATE	60-51-5		OP-Pesticide – Soil & Dust
ISAZOPHOS	42509-80-8		OP-Pesticide – Soil & Dust
KARBUTILATE	4849-32-5		OP-Pesticide – Soil & Dust
MALATHION	121-75-5		OP-Pesticide – Soil & Dust
CO-57	13981-50-5		Radionuclide – Soil & Dust
CO-60	10198-40-0		Radionuclide – Soil & Dust
CS-137	10045-97-3		Radionuclide – Soil & Dust
K-40	13966-00-2		Radionuclide – Soil & Dust
RA-226	13982-63-3		Radionuclide – Soil & Dust
RA-228	15262-20-1		Radionuclide – Soil & Dust
U-233/234 Gamma Spec Analysis	13966-29-5		Radionuclide – Soil & Dust
U-233/234 Isotopic Analysis	13966-29-5		Radionuclide – Soil & Dust
U-235 Gamma Spec Analysis	15117-96-1		Radionuclide – Soil & Dust
U-235 Isotopic Analysis	15117-96-1		Radionuclide – Soil & Dust
U-238 Gamma Spec Analysis	7440-61-1		Radionuclide – Soil & Dust
U-238 Isotopic Analysis	7440-61-1		Radionuclide – Soil & Dust

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Radon			Radon - Air Canister
1,1,1-Trichloroethane	71-55-6		VOC - Air
1,1,2,2-Tetrachloroethane	79-34-5		VOC - Air
1,1,2-Trichloro-1,2,2-trifluoroethane (freon 113)	76-13-1		VOC - Air
1,1,2-Trichloroethane	79-00-5		VOC - Air
1,1-Dichloroethane	75-34-3		VOC - Air
1,1-Dichloroethene	75-35-4		VOC - Air
1,2,4-Trichlorobenzene	120-82-1		VOC - Air
1,2,4-Trimethylbenzene	95-63-6		VOC - Air
1,2-Dibromoethane (ethylene dibromide)	106-93-4		VOC - Air
1,2-Dichlorobenzene	95-50-1		VOC - Air
1,2-Dichloroethane	107-06-2		VOC - Air
1,2-Dichloropropane	78-87-5		VOC - Air
1,3,5-Trimethylbenzene	108-67-8		VOC - Air
1,3-Butadiene	106-99-0		VOC - Air
1,3-Dichlorobenzene	541-73-1		VOC - Air
1,4-Dichlorobenzene	106-46-7		VOC - Air
1,4-Dioxane	123-91-1		VOC - Air
2,5-Dimethylfuran	625-86-5		VOC - Air
2-Butanone (Methyl Ethyl Ketone)	78-93-3		VOC - Air
2-Hexanone	591-78-6		VOC - Air
2-Propanol	67-63-0		VOC - Air
4-Ethyltoluene	622-96-8		VOC - Air
4-Methyl-2-pentanone	108-10-1		VOC - Air
Acetone	67-64-1		VOC - Air
Benzene	71-43-2		VOC - Air
Bromodichloromethane	75-27-4		VOC - Air
Bromoform	75-25-2		VOC - Air
Bromomethane	74-83-9		VOC - Air

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Carbon Disulfide	75-15-0		VOC - Air
Carbon Tetrachloride	56-23-5		VOC - Air
Chlorobenzene	108-90-7		VOC - Air
Chloroethane	75-00-3		VOC - Air
Chloroform	67-66-3		VOC - Air
Chloromethane	74-87-3		VOC - Air
Chlorotoluene	100-44-7		VOC - Air
cis-1,2-Dichloroethene	156-59-2		VOC - Air
cis-1,3-Dichloropropene	10061-01-5		VOC - Air
Cyclohexane	110-82-7		VOC - Air
Dibromochloromethane	124-48-1		VOC - Air
Dichlorodifluoromethane (freon 12)	75-71-8		VOC - Air
Ethanol	64-17-5		VOC - Air
Ethylbenzene	100-41-4		VOC - Air
Freon 114	76-14-2		VOC - Air
Heptane	142-82-5		VOC - Air
Hexane	110-54-3		VOC - Air
m,p-Xylene	108-38-3/106-42-3		VOC - Air
Methyl tert-Butyl Ether	1634-04-4		VOC - Air
Methylene Chloride	75-09-2		VOC - Air
o-xylene	95-47-6	VOX	VOC - Air
Propylene	115-07-1		VOC - Air
Styrene	100-42-5		VOC - Air
Tetrachloroethene	127-18-4		VOC - Air
Tetrahydrofuran	109-99-9		VOC - Air
Toluene	108-88-3		VOC - Air
trans-1,2-Dichloroethene	156-60-5		VOC - Air
trans-1,3- Dichloropropene	10061-02-6		VOC - Air
Trichloroethene	79-01-6		VOC - Air
Trichlorofluoromethane (freon 11)	75-69-4		VOC - Air
Vinyl Acetate	108-05-4		VOC - Air
Vinyl Chloride	75-01-4		VOC - Air

Hexachlorobutadiene	87-68-3		VOC - Air + SVOC - Soil & Dust
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