

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m ³)	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m ³) ⁻¹	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Air Method B Noncancer (Eq. 750-1) (µg/m ³)	Air Method B Cancer (Eq. 750-2) (µg/m ³)	Air Method C Noncancer (Eq. 750-1 adjusted) (µg/m ³)	Air Method C Cancer (Eq. 750-2 adjusted) (µg/m ³)
83-32-9 30560-19-1 75-07-0	PAHs Pesticides VOCs	acenaphthene acephate acetaldehyde		9.00E-03	I	2.57E-03	2.20E-06	I	7.70E-03	6.00E-02 1.20E-03	I O			4.10E+00	1.10E+00	9.00E+00	1.10E+01
34256-82-1 67-64-1 75-86-5	Pesticides VOCs VOCs	acetochlor acetone acetone cyanohydrin		3.10E+01 2.00E-03	A X	8.86E+00 5.71E-04				2.00E-02 9.00E-01	I I			1.40E+04 9.10E-01		3.10E+04 2.00E+00	
75-05-8 98-86-2 62476-59-9	VOCs SVOCs Herbicides	acetonitrile acetophenone acifluorfen, sodium		6.00E-02	I	1.71E-02				1.00E-01 1.30E-02	I I			2.70E+01		6.00E+01	
107-02-8 79-06-1 79-10-7	VOCs VOCs VOCs	acrolein acrylamide acrylic acid		2.00E-05 6.00E-03 1.00E-03	I I I	5.71E-06 1.71E-03 2.86E-04	1.00E-04	I-M	3.50E-01	5.00E-04 2.00E-03 5.00E-01	I I I	5.00E-01	I-M	9.10E-03 2.70E+00 4.60E-01	6.60E-03	2.00E-02 6.00E+00 1.00E+00	2.50E-01
107-13-1 15972-60-8 1596-84-5	VOCs Pesticides Pesticides	acrylonitrile alachlor alar		2.00E-03	I	5.71E-04	6.80E-05	I	2.38E-01	4.00E-02 1.00E-02 1.50E-01	A I I	5.40E-01 5.60E-02 1.80E-02	I C C	9.10E-01	3.70E-02	2.00E+00	3.70E-01 4.90E+00
116-06-3 1646-88-4 309-00-2	Pesticides (Carbamate) Pesticides (Carbamate) Pesticides	aldicarb aldicarb sulfone aldrin					4.90E-03	I	1.72E+01	1.00E-03 1.00E-03 3.00E-05	I I I	1.70E+01	I		5.10E-04		5.10E-03
74223-64-6 107-18-6 107-05-1	Pesticides VOCs VOCs	ally allyl alcohol allyl chloride		1.00E-04 1.00E-03	X I	2.86E-05 2.86E-04	6.00E-06	C	2.10E-02	2.50E-01 5.00E-03	I I	2.10E-02	C	4.60E-02 4.60E-01	4.20E-01	1.00E-01 1.00E+00	4.20E+00
7429-90-5 20859-73-8 67485-29-4	Metals Metal compounds Pesticides	aluminum aluminum phosphide amdros		5.00E-03	P	1.43E-03				1.00E+00 4.00E-04 1.70E-02	P I O			2.30E+00		5.00E+00	
834-12-8 92-67-1 591-27-5	Pesticides SVOCs Phenols	ametryn aminobiphenyl;4-aminophenol;m-					6.00E-03	C	2.10E+01	9.00E-03 8.00E-02	I P	2.10E+01	C		4.20E-04		4.20E-03
33089-61-1 7664-41-7 7790-98-9	Pesticides Nutrients Perchlorates	amitraz AMMONIA ammonium perchlorate	AMMONIA NOTES	5.00E-01	I	1.43E-01				2.50E-03 7.00E-04	I I			2.30E+02		5.00E+02	
7773-06-0 62-53-3 120-12-7	Pesticides SVOCs PAHs	ammonium sulfamate aniline anthracene		1.00E-03	I	2.86E-04	1.60E-06	C	5.60E-03	2.00E-01 7.00E-03 3.00E-01	I P I	5.70E-03	I	4.60E-01	1.60E+00	1.00E+00	1.60E+01
7440-36-0 1314-60-9 28300-74-5	Metals Metal compounds Metal compounds	antimony antimony pentoxide antimony potassium tartrate		3.00E-04	A	8.57E-05				4.00E-04 5.00E-04 9.00E-04	I H H			1.40E-01		3.00E-01	
1332-81-6 1309-64-4 74115-24-5	Metal compounds Metal compounds Pesticides	antimony tetroxide antimony trioxide apollo		2.00E-04	I	5.71E-05				4.00E-04 1.30E-02	H I			9.10E-02		2.00E-01	
140-57-8 12674-11-2 11097-69-1	SVOCs PCBs PCBs	aramite aroclor 1016 aroclor 1254					7.10E-06	I	2.49E-02	5.00E-02 7.00E-05 2.00E-05	H I I	2.50E-02 7.00E-02 2.00E+00	I S S		3.50E-01 1.30E-01 4.40E-03		3.50E+00 1.30E+00 4.40E-02
11096-82-5 7440-38-2 7784-42-1	PCBs Metals Gases	aroclor 1260 arsenic, inorganic arsine		1.50E-05 5.00E-05	C I	4.29E-06 1.43E-05	5.70E-04	S	2.00E+00	3.00E-04 3.50E-06	I C	2.00E+00 1.50E+00	S I	6.90E-03 2.30E-02	4.40E-03 5.80E-04	1.50E-02 5.00E-02	4.40E-02 5.80E-03
1332-21-4 76578-14-8 3337-71-1	Fibers Pesticides Pesticides	ASBESTOS assure asulam	ASBESTOS NOTE				2.30E-01	I		9.00E-03 3.60E-02	I O						
1912-24-9 65195-55-3 103-33-3	Pesticides Pesticides Pesticides	atrazine ivermectin B1 azobenzene								3.50E-02 4.00E-04	I I	2.30E-01	C		8.10E-02		8.10E-01
7440-39-3 114-26-1 43121-43-3	Metals Pesticides Pesticides	barium and compounds baygon bayleton		5.00E-04	H	1.43E-04				2.00E-01 4.00E-03 3.40E-02	I I O			2.30E-01		5.00E-01	
68359-37-5 1861-40-1	Pesticides Pesticides	baythroid benefin								2.50E-02 5.00E-03	I O						

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17804-35-2	Pesticides	benomyl								5.00E-02	I						
25057-89-0	Herbicides	bentazon								3.00E-02	I						
100-52-7	SVOCs	benzaldehyde								1.00E-01	I	4.00E-03	P				
71-43-2	VOCs	BENZENE		3.00E-02	I	8.57E-03	7.80E-06	I	2.73E-02	4.00E-03	I	5.50E-02	I	1.40E+01	3.20E-01	3.00E+01	3.20E+00
108-98-5	SVOCs	benzenethiol								1.00E-03	P						
92-87-5	SVOCs	benzidine					6.70E-02	I	2.35E+02	3.00E-03	I	2.30E+02	I		3.70E-05		3.70E-04
56-55-3	cPAHs	BENZO[a]ANTHRACENE	PAH NOTES														
50-32-8	cPAHs	BENZO[a]PYRENE	PAH NOTES	2.00E-06	I	5.71E-07	6.00E-04	I-M	2.10E+00	3.00E-04	I	1.00E+00	I-M	9.10E-04	1.10E-03	2.00E-03	4.20E-02
205-99-2	cPAHs	BENZO[b]FLUORANTHENE	PAH NOTES														
207-08-9	cPAHs	BENZO[k]FLUORANTHENE	PAH NOTES														
65-85-0	SVOCs	BENZOIC ACID	pH-DEPENDENT							4.00E+00	I						
98-07-7	VOCs	benzotrichloride										1.30E+01	I				
100-51-6	SVOCs	benzyl alcohol								1.00E-01	P						
100-44-7	VOCs	benzyl chloride		1.00E-03	P	2.86E-04	4.90E-05	C	1.72E-01	2.00E-03	P	1.70E-01	I	4.60E-01	5.10E-02	1.00E+00	5.10E-01
7440-41-7	Metals	beryllium		2.00E-05	I	5.71E-06	2.40E-03	I	8.40E+00	2.00E-03	I			9.10E-03	1.00E-03	2.00E-02	1.00E-02
91-58-7	PAHs	beta-chloronaphthalene								8.00E-02	I						
141-66-2	Pesticides	bidrin								3.00E-05	O						
82657-04-3	Pesticides	biphenthrin								1.50E-02	I						
92-52-4	PAHs	biphenyl;1,1-		4.00E-04	X	1.14E-04				5.00E-01	I	8.00E-03	I	1.80E-01		4.00E-01	
108-60-1	VOCs	bis(2-chloro-1-methyl-ethyl)ether					1.00E-05	H	3.50E-02	4.00E-02	I	7.00E-02	H		2.50E-01		2.50E+00
111-91-1	SVOCs	bis(2-chloroethoxy)methane								3.00E-03	P						
111-44-4	SVOCs	bis(2-chloroethyl)ether					3.30E-04	I	1.16E+00			1.10E+00	I		7.60E-03		7.60E-02
117-81-7	Phthalates	bis(2-ethylhexyl) phthalate					2.40E-06	C	8.40E-03	2.00E-02	I	1.40E-02	I		1.00E+00		1.00E+01
542-88-1	VOCs	bis(chloromethyl)ether					6.20E-02	I	2.17E+02			2.20E+02	I		4.00E-05		4.00E-04
80-05-7	Phenols	bisphenol a								5.00E-02	I						
7440-42-8	Metals	boron		2.00E-02	H	5.71E-03				2.00E-01	I			9.10E+00		2.00E+01	
15541-45-4	Pesticides	bromate								4.00E-03	I	7.00E-01	I				
79-08-3	SVOCs	bromoacetic acid								8.00E-03	I			2.70E+01		6.00E+01	
108-86-1	VOCs	bromobenzene		6.00E-02	I	1.71E-02								1.80E+01		4.00E+01	
74-97-5	VOCs	bromochloromethane		4.00E-02	X	1.14E-02											
75-27-4	VOCs	bromodichloromethane	TTHM NOTES				3.70E-05	C	1.30E-01	2.00E-02	I	6.20E-02	I	1.40E+00	6.80E-02	3.00E+00	6.80E-01
593-60-2	VOCs	bromoethene		3.00E-03	I	8.57E-04	1.50E-05	P	5.25E-02					1.40E+00	1.70E-01	3.00E+00	1.70E+00
75-25-2	VOCs	bromoform	TTHM NOTES				1.10E-06	I	3.85E-03	2.00E-02	I	7.90E-03	I		2.30E+00		2.30E+01
74-83-9	VOCs	bromomethane		5.00E-03	I	1.43E-03				1.40E-03	I			2.30E+00		5.00E+00	
2104-96-3	Pesticides	bromophos								5.00E-03	H						
1689-84-5	Pesticides	bromoxynil								1.50E-02	O	1.00E-01	O				
1689-99-2	Pesticides	bromoxynil octanoate								1.50E-02	O	1.00E-01	O	9.10E-01	8.30E-02	2.00E+00	8.30E-01
106-99-0	VOCs	butadiene;1,3-		2.00E-03	I	5.71E-04	3.00E-05	I	1.05E-01			6.00E-01	C				
71-36-3	VOCs	butanol;n-								1.00E-01	I						
85-68-7	Phthalates	butyl benzyl phthalate								2.00E-01	I	1.90E-03	P				
2008-41-5	Pesticides	butylate								5.00E-02	I						
85-70-1	Phthalates	butylphthalyl butylglycolate								1.00E+00	I						
94-81-5	Pesticides	butyric acid;4-(2-methyl-4-chlorophenoxy)-								4.40E-03	O						
75-60-5	Pesticides	cacodylic acid								2.00E-02	A						
7440-43-9	Metals	CADMIUM (POTABLE GROUNDWATER & SURFACE WATER)	CADMIUM NOTES	1.00E-05	A	2.86E-06	1.80E-03	I	6.30E+00	5.00E-04	I			4.60E-03	1.40E-03	1.00E-02	1.40E-02
7440-43-9a	Metals	CADMIUM (SOIL & NONPOTABLE SURFACE WATER)	CADMIUM NOTES	1.00E-05	A	2.86E-06	1.80E-03	I	6.30E+00	1.00E-03	I			4.60E-03	1.40E-03	1.00E-02	1.40E-02
592-01-8	Cyanides	calcium cyanide								1.00E-03	I						
105-60-2	SVOCs	caprolactam		2.20E-03	C	6.29E-04				5.00E-01	I			1.00E+00		2.20E+00	
2425-06-1	Pesticides	captafol					4.30E-05	C	1.51E-01	2.00E-03	I	1.50E-01	C		5.80E-02		5.80E-01
133-06-2	Pesticides	captan					6.60E-07	C	2.31E-03	1.30E-01	I	2.30E-03	C		3.80E+00		3.80E+01
63-25-2	Pesticides (Carbamate)	carbaryl								1.00E-01	I						
1563-66-2	Pesticides (Carbamate)	carbofuran								5.00E-03	I						
75-15-0	VOCs	carbon disulfide		7.00E-01	I	2.00E-01				1.00E-01	I			3.20E+02		7.00E+02	
56-23-5	VOCs	carbon tetrachloride		1.00E-01	I	2.86E-02	6.00E-06	I	2.10E-02	4.00E-03	I	7.00E-02	I	4.60E+01	4.20E-01	1.00E+02	4.20E+00
55285-14-8	Pesticides	carbosulfan								1.00E-02	I						
5234-68-4	Pesticides	carboxin								1.00E-01	I						

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1306-38-3 302-17-0 133-90-4	Metals VOCs Herbicides	cerium oxide and cerium compounds chloral hydrate chloramben		9.00E-04	I	2.57E-04				1.00E-01 1.50E-02	I I			4.10E-01		9.00E-01	
118-75-2 12789-03-6 143-50-0	Pesticides Pesticides Pesticides	chloranil chlordane chlordecone (kepone)		7.00E-04	I	2.00E-04	1.00E-04 4.60E-03	I C	3.50E-01 1.61E+01	5.00E-04 3.00E-04	I I	4.00E-01 3.50E-01 1.00E+01	H I I	3.20E-01	2.50E-02 5.40E-04	7.00E-01	2.50E-01 5.40E-03
16887-00-6 90982-32-4 7782-50-5	Nutrients Pesticides Nutrients	chloride chlorimuron-ethyl chlorine	MCL FOR DISINFECTANTS	1.50E-04	A	4.29E-05				9.00E-02 1.00E-01	O I			6.90E-02		1.50E-01	
506-77-4 10049-04-4 7758-19-2	Cyanides VOCs Nutrients	chlorine cyanide chlorine dioxide chlorite	MCL FOR DISINFECTANTS	2.00E-04	I	5.71E-05				5.00E-02 3.00E-02 3.00E-02	I I I			9.10E-02		2.00E-01	
75-68-3 126-99-8 3165-93-3	VOCs VOCs SVOCs	chloro-1,1-difluoroethane;1- chloro-1,3-butadiene;2- chloro-2-methylaniline hydrochloride;4-		5.00E+01 2.00E-02	I I	1.43E+01 5.71E-03	3.00E-04	I	1.05E+00	2.00E-02	H	4.60E-01	H	2.30E+04 9.10E+00	8.30E-03	5.00E+04 2.00E+01	8.30E-02
95-69-2 79-11-8 532-27-4	SVOCs SVOCs SVOCs	chloro-2-methylaniline;4- chloroacetic acid chloroacetophenone;2-					7.70E-05	C	2.70E-01	3.00E-03 2.00E-03	X H	1.00E-01	P		3.20E-02		3.20E-01
106-47-8 108-90-7 510-15-6	SVOCs VOCs Pesticides	chloroaniline;p- chlorobenzene chlorobenzilate		5.00E-02	P	1.43E-02	3.10E-05	C	1.09E-01	4.00E-03 2.00E-02 2.00E-02	I I I	2.00E-01 1.10E-01	P C	2.30E+01	8.10E-02	5.00E+01	8.10E-01
74-11-3 98-56-6 109-69-3	Pesticides VOCs VOCs	chlorobenzoic acid;p- chlorobenzotrifluoride;4- chlorobutane;1-		3.00E-01	P	8.57E-02	8.60E-06	C	3.01E-02	3.00E-02 3.00E-03 4.00E-02	X P P			1.40E+02	2.90E-01	3.00E+02	2.90E+00
59-50-7 75-45-6 67-66-3	Phenols VOCs VOCs	chlorocresol chlorodifluoromethane chloroform	TTHM NOTES	5.00E+01 9.80E-02	I A	1.43E+01 2.80E-02	2.30E-05	I	8.05E-02	1.00E-02	A I	3.10E-02	C	2.30E+04 4.50E+01	1.10E-01	5.00E+04 9.80E+01	1.10E+00
74-87-3 107-30-2 88-73-3	VOCs VOCs Pesticides	chloromethane chloromethyl methyl ether chloronitrobenzene;o-		9.00E-02	I	2.57E-02	6.90E-04	C	2.42E+00			2.40E+00	C	4.10E+01	3.60E-03	9.00E+01	3.60E-02
100-00-5 95-57-8 1897-45-6	Pesticides Phenols Pesticides	chloronitrobenzene;p- CHLOROPHENOL;2- chlorothalonil	pH-DEPENDENT	2.00E-03	P	5.71E-04				7.00E-04 5.00E-03 1.50E-02	P I I	6.00E-02	P C	9.10E-01		2.00E+00	
95-49-8 101-21-3 2921-88-2	VOCs Pesticides Pesticides	chlorotoluene;o- chlorpropham chlorpyrifos								2.00E-02 5.00E-02 1.00E-03	I O A						
5598-13-0 64902-72-3 60238-56-4	Pesticides Pesticides Pesticides	chlorpyrifos-methyl chlorsulfuron chlorthiophos								1.00E-02 5.00E-02 8.00E-04	H O H						
7440-47-3 16065-83-1 18540-29-9	Metals Metals Metals	CHROMIUM (TOTAL) CHROMIUM (III) CHROMIUM (VI)	CHROMIUM NOTES CHROMIUM NOTES CHROMIUM NOTES	1.00E-04	I	2.86E-05	8.40E-02	S	2.94E+02	1.50E+00 3.00E-03	I I			4.60E-02	3.00E-05	1.00E-01	3.00E-04
218-01-9 7440-48-4 E649830	cPAHs Metals VOCs	CHRYSENE Cobalt coke oven emissions	PAH NOTES	6.00E-06	P	1.71E-06	9.00E-03 6.20E-04	P I	3.15E+01 2.17E+00	3.00E-04	P			2.70E-03	2.80E-04 4.00E-03	6.00E-03	2.80E-03 4.00E-02
7440-50-8 544-92-3 108-39-4	Metals Cyanides Phenols	COPPER copper cyanide cresol;m-	HARDNESS - DEPENDENT							4.00E-02 5.00E-03 5.00E-02	H I I			2.70E+02		6.00E+02	
95-48-7 106-44-5 123-73-9	Phenols Phenols VOCs	cresol;o- cresol;p- crotonaldehyde		6.00E-01	C	1.71E-01				5.00E-02 1.00E-01 1.00E-03	I A P	1.90E+00	H	2.70E+02		6.00E+02	
98-82-8 21725-46-2 57-12-5	VOCs Pesticides Cyanides	cumene cyanazine CYANIDE	CYANIDE NOTES	4.00E-01	I	1.14E-01				1.00E-01 2.00E-03 6.30E-04	I H I	8.40E-01	H	1.80E+02		4.00E+02	
460-19-5 506-68-3 110-82-7	Cyanides Cyanides VOCs	cyanogen cyanogen bromide cyclohexane		8.00E-04	S	2.29E-04				1.00E-03 9.00E-02	I I			3.70E-01		8.00E-01	
				6.00E+00	I	1.71E+00								2.70E+03		6.00E+03	

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108-94-1	VOCs	cyclohexanone		7.00E-01	P	2.00E-01				5.00E+00	I			3.20E+02		7.00E+02	
108-91-8	VOCs	cyclohexylamine								2.00E-01	I						
68085-85-8	Pesticides	cyhalothrin/karate								1.00E-03	O						
52315-07-8	Pesticides	cypermethrin								2.30E-02	O						
66215-27-8	Pesticides	cyromazine								5.00E-01	O						
1861-32-1	Herbicides	dacthal								1.00E-02	I						
75-99-0	Herbicides	dalapon, sodium salt								3.00E-02	I						
39515-41-8	Pesticides	danitol								2.50E-02	I						
94-82-6	Pesticides	db;2,4-								3.00E-02	O						
72-54-8	Pesticides	ddd				6.90E-05	C	2.42E-01	3.00E-05	X	2.40E-01	I		3.60E-02		3.60E-01	
72-55-9	Pesticides	dde				9.70E-05	C	3.40E-01	3.00E-04	X	3.40E-01	I		2.60E-02		2.60E-01	
50-29-3	Pesticides	ddt				9.70E-05	I	3.40E-01	5.00E-04	I	3.40E-01	I		2.60E-02		2.60E-01	
1163-19-5	PBDEs	decabromodiphenyl ether							7.00E-03	I	7.00E-04	I					
8065-48-3	Pesticides	demeton							4.00E-05	I							
103-23-1	Phthalates	di(2-ethylhexyl)adipate							6.00E-01	I	1.20E-03	I					
2303-16-4	Pesticides	diallate									6.10E-02	H					
333-41-5	Pesticides	diazinon							7.00E-04	A							
53-70-3	cPAHs	DIBENZ[a,h]ANTHRACENE	PAH NOTES														
132-64-9	PAHs	dibenzofuran							1.00E-03	X							
96-12-8	Pesticides	dibromo-3-chloropropane;1,2-		2.00E-04	I	5.71E-05	6.00E-03	P	2.10E+01	2.00E-04	P	8.00E-01	P	9.10E-02	4.20E-04	2.00E-01	4.20E-03
631-64-1	SVOCs	dibromoacetic acid															
106-37-6	Pesticides	dibromobenzene;1,4-								1.00E-02	I						
124-48-1	VOCs	dibromochloromethane	TTHM NOTES							2.00E-02	I	8.40E-02	I				
84-74-2	Phthalates	di-butyl phthalate								1.00E-01	I						
1918-00-9	Herbicides	dicamba								3.00E-02	I						
3400-09-7	Disinfectants	dichloramine	MCL FOR DISINFECTANTS														
764-41-0	VOCs	dichloro-2-butene;1,4-				4.20E-03	P	1.47E+01						6.00E-04		6.00E-03	
110-57-6	VOCs	dichloro-2-butene;trans-1,4-				4.20E-03	P	1.47E+01						6.00E-04		6.00E-03	
79-43-6	SVOCs	dichloroacetic acid							4.00E-03	I	5.00E-02	I					
95-50-1	VOCs	dichlorobenzene;1,2-		2.00E-01	H	5.71E-02			9.00E-02	I				9.10E+01		2.00E+02	
541-73-1	VOCs	dichlorobenzene;1,3-															
106-46-7	VOCs	dichlorobenzene;1,4-		8.00E-01	I	2.29E-01	1.10E-05	C	3.85E-02	7.00E-02	A	5.40E-03	C	3.70E+02	2.30E-01	8.00E+02	2.30E+00
91-94-1	SVOCs	dichlorobenzidine;3,3'-					3.40E-04	C	1.19E+00		4.50E-01	I		7.40E-03		7.40E-02	
75-71-8	VOCs	dichlorodifluoromethane		1.00E-01	X	2.86E-02			2.00E-01	I				4.60E+01		1.00E+02	
75-34-3	VOCs	dichloroethane;1,1-					1.60E-06	C	5.60E-03	2.00E-01	P	5.70E-03	C		1.60E+00		1.60E+01
107-06-2	VOCs	dichloroethane;1,2- (EDC)		7.00E-03	P	2.00E-03	2.60E-05	I	9.10E-02	6.00E-03	X	9.10E-02	I	3.20E+00	9.60E-02	7.00E+00	9.60E-01
540-59-0	VOCs	dichloroethylene,1,2- (mixed isomers)							9.00E-03	H							
75-35-4	VOCs	dichloroethylene;1,1-		2.00E-01	I	5.71E-02			5.00E-02	I				9.10E+01		2.00E+02	
156-59-2	VOCs	dichloroethylene;1,2-,cis							2.00E-03	I							
156-60-5	VOCs	dichloroethylene;1,2-,trans		4.00E-02	X	1.14E-02			2.00E-02	I				1.80E+01		4.00E+01	
120-83-2	Phenols	DICHLOROPHENOL;2,4-	pH-DEPENDENT						3.00E-03	I							
94-75-7	Herbicides	dichlorophenoxyacetic acid;2,4-							1.00E-02	I							
78-87-5	VOCs	dichloropropane;1,2-		4.00E-03	I	1.14E-03	3.70E-06	P	1.30E-02	4.00E-02	P	3.70E-02	P	1.80E+00	6.80E-01	4.00E+00	6.80E+00
142-28-9	VOCs	dichloropropane;1,3-								2.00E-02	P						
616-23-9	SVOCs	dichloropropanol;2,3-							3.00E-03	I							
542-75-6	VOCs	dichloropropene;1,3-		2.00E-02	I	5.71E-03	4.00E-06	I	1.40E-02	3.00E-02	I	1.00E-01	I	9.10E+00	6.30E-01	2.00E+01	6.30E+00
62-73-7	Pesticides	dichlorvos		5.00E-04	I	1.43E-04	8.30E-05	C	2.91E-01	5.00E-04	I	2.90E-01	I	2.30E-01	3.00E-02	5.00E-01	3.00E-01
77-73-6	VOCs	dicyclopentadiene		3.00E-04	X	8.57E-05			8.00E-02	P				1.40E-01		3.00E-01	
60-57-1	Pesticides	dieldrin					4.60E-03	I	1.61E+01	5.00E-05	I	1.60E+01	I		5.40E-04		5.40E-03
84-66-2	Phthalates	diethyl phthalate							8.00E-01	I							
112-34-5	Glycols	diethylene glycol monobutyl ether		1.00E-04	P	2.86E-05			3.00E-02	P				4.60E-02		1.00E-01	
111-90-0	Glycols	diethylene glycol monoethyl ether		3.00E-04	P	8.57E-05			6.00E-02	P				1.40E-01		3.00E-01	
617-84-5	SVOCs	diethylformamide							1.00E-03	P							
56-53-1	SVOCs	diethylstilbesterol					1.00E-01	C	3.50E+02		3.50E+02	C		2.50E-05		2.50E-04	
43222-48-6	Pesticides	difenzoquat							8.30E-02	O							
35367-38-5	Pesticides	diflubenzuron							2.00E-02	I							

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75-37-6 108-20-3 1445-75-6	VOCs VOCs VOCs	difluoroethane;1,1- diisopropyl ether diisopropyl methylphosphonate		4.00E+01 7.00E-01	I P	1.14E+01 2.00E-01								1.80E+04 3.20E+02		4.00E+04 7.00E+02		
55290-64-7 60-51-5 119-90-4	Pesticides Pesticides SVOCs	dimethipin dimethoate dimethoxybenzidine;3,3'-								8.00E-02 2.20E-02 2.20E-03	I O O		1.60E+00					
131-11-3 120-61-6 21436-96-4	Phthalates Phthalates SVOCs	dimethyl phthalate dimethyl terephthalate dimethylaniline hydrochloride;2,4-								1.00E-01	I		5.80E-01					
95-68-1 121-69-7 119-93-7	SVOCs VOCs SVOCs	dimethylaniline;2,4- dimethylaniline;N,N- dimethylbenzidine;3,3'-								2.00E-03 2.00E-03	X I	2.00E-01 2.70E-02						
68-12-2 57-14-7 540-73-8	VOCs VOCs VOCs	dimethylformamide;N,N- dimethylhydrazine;1,1- dimethylhydrazine;1,2-		3.00E-02 2.00E-06	I X	8.57E-03 5.71E-07				1.00E-01 1.00E-04	P X			1.40E+01 9.10E-04		3.00E+01 2.00E-03		
105-67-9 576-26-1 95-65-8	Phenols Phenols Phenols	dimethylphenol;2,4- dimethylphenol;2,6- dimethylphenol;3,4-					1.60E-01	C	5.60E+02	2.00E-02 6.00E-04 1.00E-03	I I I							
99-65-0 528-29-0 100-25-4	Explosives SVOCs SVOCs	dinitrobenzene;m- dinitrobenzene;o- dinitrobenzene;p-								1.00E-04 1.00E-04 1.00E-04	I P P							
131-89-5 51-28-5 25550-58-7	Phenols Phenols Phenols	dinitro-o-cyclohexyl phenol;4,6- DINITROPHENOL;2,4- dinitrophenols	pH-DEPENDENT							2.00E-03 2.00E-03	I I							
E1615210 121-14-2 606-20-2	SVOCs Explosives Explosives	dinitrotoluene mixture; 2,4-/2,6- dinitrotoluene;2,4- dinitrotoluene;2,6-					8.90E-05	C	3.12E-01	9.00E-04 2.00E-03 3.00E-04	X I X	6.80E-01 3.10E-01 1.50E+00	I C P		2.80E-02		2.80E-01	
35572-78-2 19406-51-0 117-84-0	Explosives Explosives Phthalates	dinitrotoluene, 2-Amino-4,6- dinitrotoluene, 4-Amino-2,6- di-n-octyl phthalate								1.00E-04 1.00E-04 1.00E-02	X X P							
88-85-7 123-91-1 957-51-7	Herbicides VOCs Pesticides	dinoseb dioxane;1,4- diphenamid		3.00E-02	I	8.57E-03	5.00E-06	I	1.75E-02	1.00E-03 3.00E-02 3.00E-02	I I I		1.00E-01	1.40E+01	5.00E-01	3.00E+01	5.00E+00	
122-39-4 122-66-7 2764-72-9	Pesticides SVOCs Pesticides	diphenylamine diphenylhydrazine;1,2- diquat					2.20E-04	I	7.70E-01	1.00E-01 2.20E-03	O I		8.00E-01		1.10E-02		1.10E-01	
1937-37-7 2602-46-2 16071-86-6	Dyes Dyes Dyes	direct black 38 direct blue 6 direct brown 95					2.10E-03 2.10E-03 1.90E-03	C C C	7.35E+00 7.35E+00 6.65E+00			7.40E+00 7.40E+00 6.70E+00	C C C			1.20E-03 1.20E-03 1.30E-03		1.20E-02 1.20E-02 1.30E-02
298-04-4 505-29-3 330-54-1	Pesticides SVOCs Pesticides (Carbamate)	disulfoton dithiane;1,4- diuron								4.00E-05 1.00E-02 2.00E-03	I I I							
534-52-1 2439-10-3 115-29-7	Phenols Pesticides Pesticides	DNOC dodine endosulfan								8.00E-05 2.00E-02 6.00E-03	X O I							
1031-07-8 959-98-8 33213-65-9	Pesticides Pesticides Pesticides	endosulfan sulfate endosulfan;alpha endosulfan;beta								6.00E-03	P							
145-73-3 72-20-8 7421-93-4	Herbicides Pesticides Pesticides	endothall endrin endrin aldehyde								2.00E-02 3.00E-04	I I							
106-89-8 106-88-7 16672-87-0	VOCs VOCs Pesticides	epichlorohydrin epoxybutane ethephon		1.00E-03 2.00E-02	I I	2.86E-04 5.71E-03	1.20E-06	I	4.20E-03	6.00E-03	P	9.90E-03	I	4.60E-01 9.10E+00	2.10E+00	1.00E+00 2.00E+01	2.10E+01	
563-12-2 111-15-9	Pesticides VOCs	ethion ethoxyethanol acetate;2-		6.00E-02	P	1.71E-02				5.00E-04 1.00E-01	I P			2.70E+01		6.00E+01		

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110-80-5	VOCs	ethoxyethanol;2-		2.00E-01	I	5.71E-02				9.00E-02	P			9.10E+01		2.00E+02	
141-78-6	VOCs	ethyl acetate		7.00E-02	P	2.00E-02				9.00E-01	I			3.20E+01		7.00E+01	
140-88-5	VOCs	ethyl acrylate		8.00E-03	P	2.29E-03				5.00E-03	P	4.80E-02	H	3.70E+00		8.00E+00	
75-00-3	VOCs	ethyl chloride		1.00E+01	I	2.86E+00								4.60E+03		1.00E+04	
759-94-4	Pesticides	ethyl dipropylthiocarbamate;S-								5.00E-02	O						
60-29-7	VOCs	ethyl ether								2.00E-01	I						
97-63-2	VOCs	ethyl methacrylate		3.00E-01	P	8.57E-02				9.00E-02	H			1.40E+02		3.00E+02	
2104-64-5	Pesticides	ethyl p-nitrophenyl phenylphosphorothioate								1.00E-05	I						
100-41-4	VOCs	ethylbenzene		1.00E+00	I	2.86E-01				1.00E-01	I			4.60E+02		1.00E+03	
109-78-4	SVOCs	ethylene cyanohydrin								7.00E-02	P						
107-15-3	VOCs	ethylene diamine								9.00E-02	P						
106-93-4	VOCs	ethylene dibromide (EDB)		9.00E-03	I	2.57E-03	6.00E-04	I	2.10E+00	9.00E-03	I	2.00E+00	I	4.10E+00	4.20E-03	9.00E+00	4.20E-02
107-21-1	VOCs	ethylene glycol		4.00E-01	C	1.14E-01				2.00E+00	I			1.80E+02		4.00E+02	
111-76-2	Glycols	ethylene glycol monobutyl ether (EGBE)		1.60E+00	I	4.57E-01				1.00E-01	I			7.30E+02		1.60E+03	
75-21-8	VOCs	ethylene oxide		3.00E-02	C	8.57E-03	3.00E-03	I-M	1.05E+01			3.10E-01	C	1.40E+01	2.20E-04	3.00E+01	8.30E-03
96-45-7	SVOCs	ethylene thiourea					1.30E-05	C	4.55E-02	8.00E-05	I	4.50E-02	C		1.90E-01		1.90E+00
84-72-0	Phthalates	ethylphthalyl ethylglycolate								3.00E+00	I						
101200-48-0	Pesticides	express								8.00E-03	I						
22224-92-6	Pesticides	fenamiphos								2.50E-04	I						
2164-17-2	Pesticides	fluometuron								1.30E-02	I						
206-44-0	PAHs	fluoranthene								4.00E-02	I						
86-73-7	PAHs	fluorene								4.00E-02	I						
16984-48-8	Nutrients	FLUORIDE	FLUORIDE NOTES	1.30E-02	C	3.71E-03				6.00E-02	I			5.90E+00		1.30E+01	
59756-60-4	Pesticides	fluridone								8.00E-02	I						
56425-91-3	Pesticides	flurprimidol								4.00E-02	O						
66332-96-5	Pesticides	flutolanil								5.00E-01	O						
69409-94-5	Pesticides	fluvalinate								1.00E-02	I						
133-07-3	Pesticides	folpet								9.00E-02	O						
72178-02-0	Pesticides	fomesafen								2.50E-03	O						
944-22-9	Pesticides	fonofos								2.00E-03	I						
50-00-0	VOCs	formaldehyde		9.80E-03	A	2.80E-03	1.30E-05	I	4.55E-02	2.00E-01	I	2.10E-02	C	4.50E+00	1.90E-01	9.80E+00	1.90E+00
64-18-6	VOCs	formic acid		3.00E-04	X	8.57E-05				9.00E-01	P			1.40E-01		3.00E-01	
39148-24-8	Pesticides	fosetyl-al								2.50E+00	O						
110-00-9	Furans	furan								1.00E-03	I						
67-45-8	SVOCs	furazolidone										3.80E+00	H				
98-01-1	VOCs	furfural		5.00E-02	H	1.43E-02				3.00E-03	I			2.30E+01		5.00E+01	
531-82-8	SVOCs	furium					4.30E-04	C	1.51E+00			1.50E+00	C		5.80E-03		5.80E-02
60568-05-0	Pesticides	furmecyclox					8.60E-06	C	3.01E-02			3.00E-02	I		2.90E-01		2.90E+00
77182-82-2	Pesticides	glufosinate-ammonium								6.00E-03	O						
765-34-4	VOCs	glycidaldehyde		1.00E-03	H	2.86E-04				4.00E-04	I			4.60E-01		1.00E+00	
1071-83-6	SVOCs	glyphosate								1.00E-01	I						
unavailable20	Radionuclides	gross alpha particle activity	ALPHA PARTICLE NOTE														
unavailable21	Radionuclides	gross beta particle activity	BETA PARTICLE NOTE														
86-50-0	Pesticides	guthion		1.00E-02	A	2.86E-03				3.00E-03	A			4.60E+00		1.00E+01	
69806-40-2	Pesticides	haloxyfop-methyl								5.00E-05	I						
79277-27-3	Pesticides	harmony								4.30E-02	O						
76-44-8	Pesticides	heptachlor					1.30E-03	I	4.55E+00	5.00E-04	I	4.50E+00	I		1.90E-03		1.90E-02
1024-57-3	Pesticides	heptachlor epoxide					2.60E-03	I	9.10E+00	1.30E-05	I	9.10E+00	I		9.60E-04		9.60E-03
142-82-5	VOCs	heptane;n-		4.00E-01	P	1.14E-01				3.00E-04	X			1.80E+02		4.00E+02	
87-82-1	SVOCs	hexabromobenzene								2.00E-03	I						
68631-49-2	PBDEs	hexabromodiphenyl ether; 2,2',4,4',5,5'-								2.00E-04	I						
118-74-1	Pesticides	hexachlorobenzene					4.60E-04	I	1.61E+00	8.00E-04	I	1.60E+00	I		5.40E-03		5.40E-02
87-68-3	VOCs	hexachlorobutadiene					2.20E-05	I	7.70E-02	1.00E-03	P	7.80E-02	I		1.10E-01		1.10E+00
319-84-6	Pesticides	hexachlorocyclohexane;alpha					1.80E-03	I	6.30E+00	8.00E-03	A	6.30E+00	I		1.40E-03		1.40E-02
319-85-7	Pesticides	hexachlorocyclohexane;beta-					5.30E-04	I	1.86E+00			1.80E+00	I		4.70E-03		4.70E-02
608-73-1	SVOCs	hexachlorocyclohexane;technical					5.10E-04	I	1.79E+00			1.80E+00	I		4.90E-03		4.90E-02

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77-47-4	Pesticides	hexachlorocyclopentadiene		2.00E-04	I	5.71E-05				6.00E-03	I			9.10E-02		2.00E-01	
34465-46-8	Dioxins	hexachlorodibenzo-p-dioxin, mixture					1.30E+00	I	4.55E+03			6.20E+03	I		1.90E-06		1.90E-05
67-72-1	VOCs	hexachloroethane		3.00E-02	I	8.57E-03	1.10E-05	C	3.85E-02	7.00E-04	I	4.00E-02	I	1.40E+01	2.30E-01	3.00E+01	2.30E+00
70-30-4	SVOCs	hexachlorophene								3.00E-04	I						
822-06-0	VOCs	hexamethylene diisocyanate;1,6-		1.00E-05	I	2.86E-06								4.60E-03		1.00E-02	
110-54-3	VOCs	hexane;n-		7.00E-01	I	2.00E-01				6.00E-02	H			3.20E+02		7.00E+02	
591-78-6	VOCs	hexanone;2-		3.00E-02	I	8.57E-03				5.00E-03	I			1.40E+01		3.00E+01	
51235-04-2	Pesticides	hexazinone								3.30E-02	I						
302-01-2	VOCs	hydrazine		3.00E-05	P	8.57E-06	4.90E-03	I	1.72E+01			3.00E+00	I	1.40E-02	5.10E-04	3.00E-02	5.10E-03
10034-93-2	SVOCs	hydrazine sulfate					4.90E-03	I	1.72E+01			3.00E+00	I		5.10E-04		5.10E-03
7647-01-0	VOCs	hydrogen chloride		2.00E-02	I	5.71E-03								9.10E+00		2.00E+01	
74-90-8	Cyanides	hydrogen cyanide		8.00E-04	I	2.29E-04				6.00E-04	I			3.70E-01		8.00E-01	
7783-06-4	VOCs	hydrogen sulfide		2.00E-03	I	5.71E-04								9.10E-01		2.00E+00	
123-31-9	SVOCs	hydroquinone								4.00E-02	P	6.00E-02	P				
35554-44-0	Pesticides	imazalil								2.50E-03	O	6.10E-02	O				
81335-37-7	Pesticides	imazaquin								2.50E-01	I						
193-39-5	cPAHs	INDENO[1,2,3-cd]PYRENE	PAH NOTES														
36734-19-7	Pesticides	iprodione								4.00E-02	I						
7439-89-6	Metals	iron								7.00E-01	P						
78-83-1	VOCs	isobutyl alcohol								3.00E-01	I						
78-59-1	SVOCs	isophorone		2.00E+00	C	5.71E-01				2.00E-01	I	9.50E-04	I	9.10E+02		2.00E+03	
33820-53-0	Pesticides	isopropalin								1.50E-02	I						
67-63-0	VOCs	isopropanol		2.00E-01	P	5.71E-02				2.00E+00	P			9.10E+01		2.00E+02	
1832-54-8	SVOCs	isopropyl methyl phosphonic acid								1.00E-01	I						
82558-50-7	Pesticides	isoxaben								5.00E-02	I						
77501-63-4	Pesticides	lactofen								8.00E-03	O						
7439-92-1	Metals	LEAD	LEAD NOTES														
58-89-9	Pesticides	lindane					3.10E-04	C	1.09E+00	3.00E-04	I	1.10E+00	C		8.10E-03		8.10E-02
330-55-2	Pesticides (Carbamate)	linuron								7.70E-03	O						
7439-93-2	Metals	lithium								2.00E-03	P						
7791-03-9	Perchlorates	lithium perchlorate								7.00E-04	I						
83055-99-6	Pesticides	londax								2.00E-01	I						
121-75-5	Pesticides	malathion								2.00E-02	I						
108-31-6	SVOCs	maleic anhydride		7.00E-04	C	2.00E-04				1.00E-01	I			3.20E-01		7.00E-01	
123-33-1	SVOCs	maleic hydrazide								5.00E-01	I						
109-77-3	VOCs	malononitrile								1.00E-04	P						
8018-01-7	Pesticides	mancozeb								3.00E-02	H						
12427-38-2	Pesticides	maneb								5.00E-03	I						
7439-96-5	Metals	MANGANESE (Diet - e.g., fish consumption)	MANGANESE NOTES	5.00E-05	I	1.43E-05				1.40E-01	I						
7439-96-5a	Metals	MANGANESE (Non-Diet - e.g., drinking water or soil)	MANGANESE NOTES	5.00E-05	I	1.43E-05				4.67E-02	I			2.30E-02		5.00E-02	
950-10-7	Pesticides	mephosfolan								9.00E-05	H						
24307-26-4	Pesticides	mepiquat chloride								3.00E-02	I						
7487-94-7	Metal compounds	mercuric chloride		3.00E-04	S	8.57E-05				3.00E-04	I			1.40E-01		3.00E-01	
7439-97-6	Metals	mercury		3.00E-04	I	8.57E-05								1.40E-01		3.00E-01	
150-50-5	Pesticides	merphos								3.00E-05	I						
57837-19-1	Pesticides	metalaxyl								6.00E-02	I						
126-98-7	VOCs	methacrylonitrile		3.00E-02	P	8.57E-03				1.00E-04	I			1.40E+01		3.00E+01	
10265-92-6	Pesticides	methamidophos								5.00E-05	I						
67-56-1	VOCs	methanol		2.00E+01	I	5.71E+00				2.00E+00	I			9.10E+03		2.00E+04	
950-37-8	Pesticides	methidathion								1.50E-03	O						
16752-77-5	Pesticides (Carbamate)	methomyl								2.50E-02	I						
99-59-2	SVOCs	methoxy-5-nitroaniline;2-										4.90E-02	C				
72-43-5	Pesticides	methoxychlor								5.00E-03	I						
110-49-6	VOCs	methoxyethanol acetate;2-		1.00E-03	P	2.86E-04				8.00E-03	P			4.60E-01		1.00E+00	
109-86-4	VOCs	methoxyethanol;2-		2.00E-02	I	5.71E-03				5.00E-03	P			9.10E+00		2.00E+01	
79-20-9	VOCs	methyl acetate								1.00E+00	X						

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96-33-3	VOCs	methyl acrylate		2.00E-02	P	5.71E-03				3.00E-02	H			9.10E+00		2.00E+01	
78-93-3	VOCs	methyl ethyl ketone		5.00E+00	I	1.43E+00				6.00E-01	I			2.30E+03		5.00E+03	
108-10-1	VOCs	methyl isobutyl ketone		3.00E+00	I	8.57E-01				8.00E-02	H			1.40E+03		3.00E+03	
22967-92-6	Metals (organometallic)	METHYL MERCURY	METHYL MERCURY NOTES							1.00E-04	I						
80-62-6	VOCs	methyl methacrylate		7.00E-01	I	2.00E-01				1.40E+00	I			3.20E+02		7.00E+02	
90-12-0	PAHs	methyl naphthalene;1-								7.00E-02	A	2.90E-02	P				
91-57-6	PAHs	methyl naphthalene;2-								4.00E-03	I						
298-00-0	Pesticides	methyl parathion								2.50E-04	I						
25013-15-4	VOCs	methyl styrene		4.00E-02	H	1.14E-02				6.00E-03	H			1.80E+01		4.00E+01	
98-83-9	VOCs	methyl styrene, alpha								7.00E-02	H						
1634-04-4	VOCs	methyl tert-butyl ether (MTBE)		3.00E+00	I	8.57E-01	2.60E-07	C	9.10E-04			1.80E-03	C	1.40E+03	9.60E+00	3.00E+03	9.60E+01
94-74-6	Herbicides	methyl-4-chlorophenoxy-acetic acid;2-								5.00E-04	I						
99-55-8	SVOCs	methyl-5-nitroaniline;2-								2.00E-02	X	9.00E-03	P				
636-21-5	SVOCs	methylaniline hydrochloride;2-					3.70E-05	C	1.30E-01			1.30E-01	C		6.80E-02		6.80E-01
95-53-4	VOCs	methylaniline;2-					5.10E-05	C	1.79E-01			1.60E-02	P		4.90E-02		4.90E-01
101-14-4	SVOCs	methylene bis(2-chloroaniline);4,4'-					4.30E-04	C	1.51E+00	2.00E-03	P	1.00E-01	P		5.80E-03		5.80E-02
101-61-1	SVOCs	methylene bis(n,n'-dimethyl)aniline;4,4'-					1.30E-05	C	4.55E-02			4.60E-02	I		1.90E-01		1.90E+00
74-95-3	VOCs	methylene bromide		4.00E-03	X	1.14E-03				1.00E-02	H			1.80E+00		4.00E+00	
75-09-2	VOCs	methylene chloride		6.00E-01	I	1.71E-01	1.00E-08	I-M	3.50E-05	6.00E-03	I	2.00E-03	I-M	2.70E+02	6.60E+01	6.00E+02	2.50E+03
101-68-8	SVOCs	methylene diphenyl diisocyanate (MDI)		6.00E-04	I	1.71E-04								2.70E-01		6.00E-01	
9016-87-9	SVOCs	methylene diphenyl diisocyanate (PMDI)		6.00E-04	I	1.71E-04								2.70E-01		6.00E-01	
101-77-9	SVOCs	methylenebisbenzenamine;4,4-		2.00E-02	C	5.71E-03	4.60E-04	C	1.61E+00			1.60E+00	C	9.10E+00	5.40E-03	2.00E+01	5.40E-02
60-34-4	VOCs	methylhydrazine		2.00E-05	X	5.71E-06	1.00E-03	X	3.50E+00	1.00E-03	P			9.10E-03	2.50E-03	2.00E-02	2.50E-02
51218-45-2	Pesticides	metolachlor								1.50E-01	I						
21087-64-9	Pesticides	metribuzin								2.50E-02	I						
2385-85-5	Pesticides	mirex					5.10E-03	C	1.79E+01	2.00E-04	I	1.80E+01	C		4.90E-04		4.90E-03
2212-67-1	Pesticides	molinate								2.00E-03	I						
7439-98-7	Metals	molybdenum		2.00E-03	A	5.71E-04				5.00E-03	I			9.10E-01		2.00E+00	
10599-90-3	Disinfectants	monochloramine	MCL FOR DISINFECTANTS							1.00E-01	I						
300-76-5	Pesticides	naled								2.00E-03	I						
91-20-3	PAHs	naphthalene		3.00E-03	I	8.57E-04	3.40E-05	C	1.19E-01	2.00E-02	I			1.40E+00	7.40E-02	3.00E+00	7.40E-01
15299-99-7	Pesticides	napropamide								1.20E-01	O						
104-51-8	VOCs	n-butylbenzene								5.00E-02	P						
E715532	Metals	nickel refinery dust		1.40E-05	C	4.00E-06	2.40E-04	I	8.40E-01	1.10E-02	C	9.10E-01	C	6.40E-03	1.00E-02	1.40E-02	1.00E-01
7440-02-0	Metals	NICKEL SOLUBLE SALTS	HARDNESS - DEPENDENT	9.00E-05	A	2.57E-05	2.60E-04	C	9.10E-01	2.00E-02	I			4.10E-02	9.60E-03	9.00E-02	9.60E-02
12035-72-2	Metal compounds	nickel subsulfide		1.40E-05	C	4.00E-06	4.80E-04	I	1.68E+00	1.10E-02	C	1.70E+00	C	6.40E-03	5.20E-03	1.40E-02	5.20E-02
14797-55-8	Nutrients	nitrate								1.60E+00	I						
14797-65-0	Nutrients	nitrite								1.00E-01	I						
88-74-4	SVOCs	nitroaniline, 2-		5.00E-05	X	1.43E-05				1.00E-02	X			2.30E-02		5.00E-02	
100-01-6	SVOCs	nitroaniline, 4-		6.00E-03	P	1.71E-03				4.00E-03	P	2.00E-02	P	2.70E+00		6.00E+00	
98-95-3	Explosives	nitrobenzene		9.00E-03	I	2.57E-03	4.00E-05	I	1.40E-01	2.00E-03	I			4.10E+00	6.30E-02	9.00E+00	6.30E-01
67-20-9	SVOCs	nitrofurantoin								7.00E-02	H						
59-87-0	SVOCs	nitrofurazone					3.70E-04	C	1.30E+00			1.30E+00	C		6.80E-03		6.80E-02
55-63-0	Explosives	nitroglycerin								1.00E-04	P	1.70E-02	P				
556-88-7	SVOCs	nitroguanidine								1.00E-01	I						
79-46-9	VOCs	nitropropane;2-		2.00E-02	I	5.71E-03	5.80E-04	X	2.03E+00					9.10E+00	4.30E-03	2.00E+01	4.30E-02
1116-54-7	SVOCs	nitrosodiethanolamine;N-					8.00E-04	C	2.80E+00			2.80E+00	I		3.10E-03		3.10E-02
55-18-5	SVOCs	nitrosodiethylamine;N-					4.30E-02	I	1.51E+02			1.50E+02	I		5.80E-05		5.80E-04
62-75-9	SVOCs	nitrosodimethylamine;N-		4.00E-05	X	1.14E-05	1.40E-02	I	4.90E+01	8.00E-06	P	5.10E+01	I	1.80E-02	1.80E-04	4.00E-02	1.80E-03
924-16-3	VOCs	nitroso-di-n-butylamine;N-					1.60E-03	I	5.60E+00			5.40E+00	I		1.60E-03		1.60E-02
621-64-7	SVOCs	nitroso-di-n-propylamine;N-					2.00E-03	C	7.00E+00			7.00E+00	I		1.30E-03		1.30E-02
86-30-6	SVOCs	nitrosodiphenylamine;N-					2.60E-06	C	9.10E-03			4.90E-03	I		9.60E-01		9.60E+00
759-73-9	SVOCs	nitroso-n-ethylurea;n-					7.70E-03	C	2.70E+01			2.70E+01	C		3.20E-04		3.20E-03
10595-95-6	SVOCs	nitroso-N-methylethylamine;N-					6.30E-03	C	2.21E+01			2.20E+01	I		4.00E-04		4.00E-03
684-93-5	SVOCs	nitroso-n-methylurea;n-					3.40E-02	C	1.19E+02			1.20E+02	C		7.40E-05		7.40E-04
930-55-2	SVOCs	nitrosopyrrolidine;N-					6.10E-04	I	2.14E+00			2.10E+00	I		4.10E-03		4.10E-02

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99-08-1 88-72-2 99-99-0	Explosives	nitrotoluene, m- nitrotoluene, o- nitrotoluene, p-								1.00E-04 9.00E-04 4.00E-03	X P P						
84852-15-3 27314-13-2 85509-19-9	Phenols Pesticides Pesticides	nonylphenol norflurazon nustar								1.50E-02 2.00E-03	O O						
32536-52-0 2691-41-0 152-16-9	PBDEs Explosives SVOCs	octabromodiphenyl ether octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine octamethylpyrophosphoramide								3.00E-03 5.00E-02 2.00E-03	I I H						
19044-88-3 19666-30-9 23135-22-0	Pesticides Pesticides Pesticides (Carbamate)	oryzalin oxadiazon oxamyl								1.40E-01 5.00E-03 2.50E-02	O I I	7.80E-03	O				
42874-03-3 76738-62-0 1910-42-5	Pesticides Herbicides Pesticides	oxyfluorfen paclobutrazol Paraquat Dichloride								3.00E-02 1.30E-02 4.50E-03	O I I	7.30E-02	O				
56-38-2 1114-71-2 40487-42-1	Pesticides Pesticides Pesticides	parathion pebulate pendimethalin								6.00E-03 5.00E-02 3.00E-01	H H O						
87-84-3 60348-60-9 32534-81-9	SVOCs PBDEs PBDEs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5- pentabromodiphenyl ether; 2,2',4,4',5- pentabromodiphenyl ethers								2.00E-02 1.00E-04 2.00E-03	X I I	2.00E-02	X				
608-93-5 76-01-7 82-68-8	SVOCs VOCs Pesticides	pentachlorobenzene pentachloroethane pentachloronitrobenzene								8.00E-04 3.00E-03	I I I	9.00E-02 2.60E-01	P H				
87-86-5 109-66-0 14797-73-0	Herbicides VOCs Perchlorates	PENTACHLOROPHENOL pentane;n- perchlorate and perchlorate salts	pH-DEPENDENT	1.00E+00	P	2.86E-01	5.10E-06	C	1.79E-02	5.00E-03	I	4.00E-01	I	4.60E+02	4.90E-01	1.00E+03	4.90E+00
52645-53-1 unavailable19 13684-63-4	Pesticides General Chemistry Pesticides	permethrin pH phenmedipham	pH NOTES							5.00E-02 2.40E-01	I O						
108-95-2 106-50-3 108-45-2	Phenols SVOCs SVOCs	phenol phenylenediamine, p- phenylenediamine;m-		2.00E-01	C	5.71E-02				3.00E-01 1.00E-03 6.00E-03	I X I			9.10E+01		2.00E+02	
95-54-5 62-38-4 90-43-7	SVOCs Metals (organometallic) Phenols	phenylenediamine;o- phenylmercuric acetate phenylphenol;2-								4.00E-03 8.00E-05	P I	1.20E-01	P				
298-02-2 75-44-5 732-11-6	Pesticides VOCs Pesticides	phorate phosgene phosmet		3.00E-04	I	8.57E-05				2.00E-04 2.00E-02	H I			1.40E-01		3.00E-01	
7803-51-2 7664-38-2 7723-14-0	Gases SVOCs Nonmetal inorganics	phosphine phosphoric acid phosphorus		3.00E-04 1.00E-02	I I	8.57E-05 2.86E-03				3.00E-04 4.90E+01 2.00E-05	I P I			1.40E-01 4.60E+00		3.00E-01 1.00E+01	
100-21-0 85-44-9 1918-02-1	Phthalates Phthalates Herbicides	phthalic acid;p- phthalic anhydride picloram		2.00E-02	C	5.71E-03				5.00E-01 2.00E+00 7.00E-02	X I I			9.10E+00		2.00E+01	
29232-93-7 36355-01-8 1336-36-3	Pesticides PBBs PCBs	pirimiphos-methyl polybrominated biphenyls polychlorinated biphenyls (PCBs)					8.60E-03 5.70E-04	C I	3.01E+01 2.00E+00	7.00E-05 7.00E-06	O H	3.00E+01 2.00E+00	C I		2.90E-04 4.40E-03		2.90E-03 4.40E-02
151-50-8 7778-74-7 506-61-6	Cyanides Perchlorates Cyanides	potassium cyanide potassium perchlorate potassium silver cyanide								2.00E-03 7.00E-04 5.00E-03	I I I						
67747-09-5 26399-36-0 1610-18-0	Pesticides Pesticides Pesticides	prochloraz (not in HSDB) profluralin prometon								9.00E-03 6.00E-03 1.50E-02	I H I	1.50E-01	I				
7287-19-6 23950-58-5	Pesticides Pesticides	prometryn pronamide								4.00E-02 7.50E-02	O I						

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1918-16-7	Pesticides	propachlor								1.30E-02	I						
709-98-8	Pesticides	propanil								5.00E-03	I						
2312-35-8	Pesticides	propargite								4.00E-02	O	1.90E-01	O				
107-19-7	VOCs	propargyl alcohol								2.00E-03	I						
139-40-2	Pesticides	propazine								2.00E-02	I						
122-42-9	Pesticides	propham								2.00E-02	I						
60207-90-1	Pesticides	propiconazole								1.00E-01	O						
123-38-6	VOCs	propionaldehyde		8.00E-03	I	2.29E-03								3.70E+00		8.00E+00	
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-								1.00E-03	I						
103-65-1	VOCs	propylbenzene;n-		1.00E+00	X	2.86E-01				1.00E-01	X			4.60E+02		1.00E+03	
57-55-6	Glycols	propylene glycol								2.00E+01	P						
6423-43-4	Glycols	propylene glycol dinitrate;1,2-		2.70E-04	A	7.71E-05								1.20E-01		2.70E-01	
52125-53-8	Glycols	propylene glycol monoethyl ether								7.00E-01	H						
107-98-2	Glycols	propylene glycol monomethyl ether		2.00E+00	I	5.71E-01				7.00E-01	H			9.10E+02		2.00E+03	
75-56-9	VOCs	propylene oxide		3.00E-02	I	8.57E-03	3.70E-06	I	1.30E-02			2.40E-01	I	1.40E+01	6.80E-01	3.00E+01	6.80E+00
81335-77-5	Pesticides	pursuit								2.50E+00	O						
51630-58-1	Pesticides	pydrin								2.50E-02	I						
129-00-0	PAHs	pyrene								3.00E-02	I						
110-86-1	VOCs	pyridine								1.00E-03	I						
13593-03-8	Pesticides	quinalphos								5.00E-04	I						
91-22-5	SVOCs	quinoline										3.00E+00	I				
13982-63-3	Radionuclides	radium 226	RADIUM 226 NOTE														
unavailable23	Radionuclides	radium 226 and 228	RADIUM 226 & 228 NOTES														
121-82-4	Explosives	rdx								4.00E-03	I	8.00E-02	I				
E71557	Fibers	REFRACTORY CERAMIC FIBERS	REFRACTORY FIBER NOTE	3.00E+04	A												
10453-86-8	Pesticides	resmethrin								3.00E-02	I						
299-84-3	Pesticides	ronnel								5.00E-02	H						
83-79-4	Pesticides	rotenone								4.00E-03	I						
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate								1.00E-04	O						
78587-05-0	Pesticides	savey								2.50E-02	I						
135-98-8	VOCs	sec-butylbenzene								1.00E-01	X						
7783-00-8	Metal compounds	selenious acid								5.00E-03	I						
7782-49-2	Metals	selenium and compounds		2.00E-02	C	5.71E-03				5.00E-03	I			9.10E+00		2.00E+01	
74051-80-2	Pesticides	sethoxydim								1.40E-01	O						
7440-22-4	Metals	SILVER	HARDNESS - DEPENDENT							5.00E-03	I						
506-64-9	Cyanides	silver cyanide								1.00E-01	I						
122-34-9	Pesticides	simazine								5.00E-03	I	1.20E-01	H				
26628-22-8	Metal compounds	sodium azide								4.00E-03	I						
143-33-9	Cyanides	sodium cyanide								1.00E-03	I						
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate								3.00E-02	I	2.70E-01	H				
62-74-8	Metals (organometallic)	sodium fluoroacetate								2.00E-05	I						
13718-26-8	Metal compounds	sodium metavanadate								1.00E-03	H						
7601-89-0	Perchlorates	sodium perchlorate								7.00E-04	I						
7440-24-6	Metals	strontium								6.00E-01	I						
57-24-9	SVOCs	strychnine								3.00E-04	I						
100-42-5	VOCs	styrene		1.00E+00	I	2.86E-01				2.00E-01	I			4.60E+02		1.00E+03	
88671-89-0	Pesticides	systhane								2.50E-02	I						
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	TEF NOTES	4.00E-08	C	1.14E-08	3.80E+01	C	1.33E+05	7.00E-10	I	1.30E+05	C	1.80E-05	6.60E-08	4.00E-05	6.60E-07
34014-18-1	Pesticides	tebuthiuron								7.00E-02	I						
3383-96-8	Pesticides	temephos								2.00E-02	H						
5902-51-2	Pesticides	terbacil								1.30E-02	I						
13071-79-9	SVOCs	terbufos								2.50E-05	H						
886-50-0	Pesticides	terbutryn								1.00E-03	I						
98-06-6	VOCs	tert-butylbenzene								1.00E-01	X						
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'								1.00E-04	I						
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-								3.00E-04	I						

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630-20-6	VOCs	tetrachloroethane;1,1,1,2-					7.40E-06	I	2.59E-02	3.00E-02	I	2.60E-02	I			3.40E-01	3.40E+00
79-34-5	VOCs	tetrachloroethane;1,1,2,2-					5.80E-05	C	2.03E-01	2.00E-02	I	2.00E-01	I			4.30E-02	4.30E-01
127-18-4	VOCs	TETRACHLOROETHYLENE (PCE)	PCE NOTES	4.00E-02	I	1.14E-02	2.60E-07	I	9.10E-04	6.00E-03	I	2.10E-03	I	1.80E+01	9.60E+00	4.00E+01	9.60E+01
58-90-2	Phenols	TETRACHLOROPHENOL;2,3,4,6-	pH-DEPENDENT							3.00E-02	I						
5216-25-1	VOCs	tetrachlorotoluene;p,a,a,a,-								6.00E-05	X	1.60E+01	X				
961-11-5	Pesticides	tetrachlorvinphos								3.00E-02	I	2.40E-02	H				
3689-24-5	Pesticides	tetraethyl dithiopyrophosphate								5.00E-04	I						
78-00-2	Metals (organometallic)	tetraethyl lead								1.00E-07	I						
811-97-2	VOCs	tetrafluoroethane;1,1,1,2-		8.00E+01	I	2.29E+01								3.70E+04		8.00E+04	
109-99-9	Furans	tetrahydrofuran		2.00E+00	I	5.71E-01				9.00E-01	I			9.10E+02		2.00E+03	
1314-32-5	Metal compounds	thallic oxide								2.00E-05	S						
563-68-8	Metal compounds	thallium acetate								1.00E-05	X						
6533-73-9	Metal compounds	thallium carbonate								2.00E-05	X						
7791-12-0	Metal compounds	thallium chloride								1.00E-05	X						
10102-45-1	Metal compounds	thallium nitrate								1.00E-05	X						
12039-52-0	Metal compounds	thallium selenite								1.00E-05	S						
7446-18-6	Metal compounds	thallium(I) sulfate								2.00E-05	X						
7440-28-0	Metals	thallium, soluble salts								1.00E-05	X						
28249-77-6	Pesticides	thiobencarb								1.00E-02	I						
21564-17-0	SVOCs	thiocyanomethylthiobenzothiazole;2-								3.00E-02	H						
39196-18-4	Pesticides	thiofanox								3.00E-04	H						
23564-05-8	Pesticides	thiophanate-methyl								2.70E-02	O	1.20E-02	O				
137-26-8	Pesticides	thiram								1.50E-02	O						
7440-31-5	Metals	tin								6.00E-01	H						
118-96-7	Explosives	tnt								5.00E-04	I	3.00E-02	I				
108-88-3	VOCs	toluene		5.00E+00	I	1.43E+00				8.00E-02	I			2.30E+03		5.00E+03	
26471-62-5	VOCs	toluene diisocyanate mixture;2,4-/2,6-					1.10E-05	C	3.85E-02			3.90E-02	C		2.30E-01		2.30E+00
584-84-9	VOCs	toluene-2,4-diisocyanate		8.00E-06	C	2.29E-06	1.10E-05	C	3.85E-02			3.90E-02	C	3.70E-03	2.30E-01	8.00E-03	2.30E+00
91-08-7	VOCs	toluene-2,6-diisocyanate		8.00E-06	C	2.29E-06	1.10E-05	C	3.85E-02			3.90E-02	C	3.70E-03	2.30E-01	8.00E-03	2.30E+00
95-70-5	SVOCs	toluenediamine;2,5-								2.00E-04	X	1.80E-01	X				
106-49-0	SVOCs	toluidine;p-								4.00E-03	X	3.00E-02	P				
8001-35-2	Pesticides	toxaphene					3.20E-04	I	1.12E+00	9.00E-05	P	1.10E+00	I		7.80E-03		7.80E-02
93-72-1	Herbicides	tp;2,4,5-								8.00E-03	I						
unavailable09	Petroleum	tph, diesel range organics															
unavailable10	Petroleum	tph, heavy oils															
unavailable11	Petroleum	tph, mineral oils															
unavailable25	Petroleum	tph: gasoline range organics, benzene present															
unavailable08	Petroleum	tph: gasoline range organics, no detectable benzene															
66841-25-6	Pesticides	tralomethrin								7.50E-03	I						
2303-17-5	Pesticides	triallate								2.50E-02	O	7.20E-02	O				
82097-50-5	Pesticides	triasulfuron								1.00E-02	I						
615-54-3	VOCs	tribromobenzene;1,2,4-								5.00E-03	I						
688-73-3	Organotins	tributyltin															
56-35-9	Organotins	tributyltin oxide								3.00E-04	I						
10025-85-1	Disinfectants	trichloramine	MCL FOR DISINFECTANTS														
76-13-1	VOCs	trichloro-1,2,2-trifluoroethane;1,1,2-		5.00E+00	P	1.43E+00				3.00E+01	I			2.30E+03		5.00E+03	
76-03-9	SVOCs	trichloroacetic acid								2.00E-02	I	7.00E-02	I				
33663-50-2	SVOCs	trichloroaniline hydrochloride;2,4,6-										2.90E-02	H				
634-93-5	SVOCs	trichloroaniline;2,4,6-								3.00E-05	X	7.00E-03	X				
87-61-6	VOCs	trichlorobenzene;1,2,3-								8.00E-04	X						
120-82-1	VOCs	trichlorobenzene;1,2,4-		2.00E-03	P	5.71E-04				1.00E-02	I	2.90E-02	P	9.10E-01		2.00E+00	
71-55-6	VOCs	trichloroethane;1,1,1-		5.00E+00	I	1.43E+00				2.00E+00	I			2.30E+03		5.00E+03	
79-00-5	VOCs	trichloroethane;1,1,2-		2.00E-04	X	5.71E-05	1.60E-05	I	5.60E-02	4.00E-03	I	5.70E-02	I	9.10E-02	1.60E-01	2.00E-01	1.60E+00
79-01-6	VOCs	TRICHLOROETHYLENE (TCE)	TCE NOTES	2.00E-03	I	5.71E-04	4.10E-06	I-M	1.44E-02	5.00E-04	I	4.60E-02	I-M	9.10E-01	3.30E-01	2.00E+00	6.10E+00
75-69-4	VOCs	trichlorofluoromethane		7.00E-01	H	2.00E-01				3.00E-01	I			3.20E+02		7.00E+02	
95-95-4	Phenols	TRICHLOROPHENOL;2,4,5-	pH-DEPENDENT							1.00E-01	I						

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88-06-2 93-76-5 598-77-6	Phenols Herbicides VOCs	TRICHLOROPHENOL;2,4,6- trichlorophenoxyacetic acid;2,4,5- trichloropropane;1,1,2-	pH-DEPENDENT				3.10E-06	I	1.09E-02	1.00E-03 1.00E-02 5.00E-03	P I I	1.10E-02	I		8.10E-01		8.10E+00
96-18-4 96-19-5 58138-08-2	VOCs VOCs Pesticides	trichloropropane;1,2,3- trichloropropene;1,2,3- tridiphane		3.00E-04 3.00E-04	I P	8.57E-05 8.57E-05				4.00E-03 3.00E-03 3.00E-03	I X I	3.00E+01	I-M	1.40E-01 1.40E-01		3.00E-01 3.00E-01	
121-44-8 1582-09-8 unavailable13	VOCs Pesticides VOCs	triethylamine trifluralin trihalomethanes, (total) (TTHMs)	TTHM NOTES	7.00E-03	I	2.00E-03				7.50E-03	I	7.70E-03	I	3.20E+00		7.00E+00	
512-56-1 526-73-8 95-63-6	SVOCs VOCs VOCs	trimethyl phosphate trimethylbenzene;1,2,3- trimethylbenzene;1,2,4-		6.00E-02 6.00E-02	I I	1.71E-02 1.71E-02				1.00E-02 1.00E-02 1.00E-02	P I I	2.00E-02	P	2.70E+01 2.70E+01		6.00E+01 6.00E+01	
108-67-8 99-35-4 479-45-8	VOCs Explosives Explosives	trimethylbenzene;1,3,5- trinitrobenzene;1,3,5- trinitrophenylmethylnitramine		6.00E-02	I	1.71E-02				1.00E-02 3.00E-02 2.00E-03	I I P			2.70E+01		6.00E+01	
7440-61-1 7440-62-2 1314-62-1	Radionuclides Metals Metal compounds	uranium, soluble salts vanadium vanadium pentoxide	URANIUM, SOLUBLE SALTS	4.00E-05 1.00E-04 7.00E-06	A A P	1.14E-05 2.86E-05 2.00E-06				2.00E-04 5.00E-03 9.00E-03	A S I			1.80E-02 4.60E-02 3.20E-03		4.00E-02 1.00E-01 7.00E-03	3.00E-03
1929-77-7 50471-44-8 108-05-4	Pesticides Pesticides VOCs	vernarn vinclozolin vinyl acetate								1.00E-03 1.20E-03 1.00E+00	I O H			9.10E+01		2.00E+02	
75-01-4 81-81-2 8012-95-1	VOCs Pesticides Petroleum	VINYL CHLORIDE warfarin white mineral oil	VINYL CHLORIDE NOTES	1.00E-01	I	2.86E-02	8.80E-06	I	3.08E-02	3.00E-03 3.00E-04 3.00E+00	I I P	1.50E+00	I	4.60E+01	2.80E-01	1.00E+02	2.80E+00
108-38-3 95-47-6 106-42-3	VOCs VOCs VOCs	xylene;m- xylene;o- xylene;p-		1.00E-01 1.00E-01 1.00E-01	S S S	2.86E-02 2.86E-02 2.86E-02				2.00E-01 2.00E-01 2.00E-01	S S S			4.60E+01 4.60E+01 4.60E+01		1.00E+02 1.00E+02 1.00E+02	
1330-20-7 7440-66-6 557-21-1	VOCs Metals Cyanides	xylenes ZINC zinc cyanide	HARDNESS - DEPENDENT	1.00E-01	I	2.86E-02				2.00E-01 3.00E-01 5.00E-02	I I I			4.60E+01		1.00E+02	
1314-84-7 12122-67-7	Metal compounds Pesticides	zinc phosphide zineb								3.00E-04 5.00E-02	I I						