Alternate Concentration Limits

ACL for APPENDIX IX (VHWMR) or Table 5.1 (VSWMR) constituents
Users of the ACL table are requested to refer to notes provided at the end of the table and draft technical memo accompanying this table.

N=NO	I=IRIS
Y=YES	P=EPA PROVISIONAL PEER-REVIEWED
N/A = Not Available	Cal=C S = SCREENING VALUE
RfDo=Oral Reference Dose (mg/kg/d)	H=HEAST
RfCi=Inhalation Reference Concentration(mg/m^3)	W=WORLD HEALTH ORGANIZATION
So=Oral Slope Factor (mg/kg/d)	E=EPA DRAFT SOIL SCREENING LEVEL
IUR=Inhalation Unit Risk (ug/m^3)$^{-1}$	M=ATSDR MRL
ACL(ug/L)=Alternate Concentration Limit	A=HEAST ALTERNATE
sRfD=Subchronic RfD	O=OTHER EPA DOCUMENTS

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
Acenaphthene	Y	N	83329	6.0E-02	I							936	N	Y
Acenaphthylene	N	N	208968									0	N	Y
Acetone	Y	N	67641	9.0E-01	I	3.1E+01	A					11561.2085	N	Y
Acetophenone	Y	N	98862	1.00E-01	I							1560	N	Y
Acetonitrile; Methyl Cyanide	Y	N	75058			6.0E-02	I					124.8	N	Y
2-Acetylaminofluorene;2-AAF	N	N	53963					3.80E+00	Cal	1.30E-03	Cal	0.01769289	N	Y
Acrolein	Y	N	107028	5.00E-04	I	2.0E-05	I					0.04149291	N	Y
Acrylonitrile	Y	N	107131	4.00E-02	A	2.0E-03	I	5.40E-01	I	6.8E-05	I	0.04545712	N	Y
Aldrin	N	N	309002	3.00E-05	I			1.70E+01	I	4.9E-03	I	0.00395488	N	Y
Allyl Chloride	Y	N	107051			1.0E-03	I	2.10E-02	Cal	6.00E-06	Cal	0.64744495	N	Y
4-Aminodiphenyl	N	N	92671					2.10E+01	Cal	6.00E-03	Cal	0.00320157	N	Y
Aniline	N	N	62533	7.00E-03	P	1.0E-03	I	5.70E-03	I	1.60E-06	Cal	11.7952632	N	N
Anthracene	Y	N	120127	3.00E-01	I							4680	N	Y
Antimony (total)	N	N	7440360	4.00E-04	I							6.24	6	Y
Azobenzene	Y	N	103333					1.10E-01	I	3.1E-05	I	0.12496239	N	N
Arsenic (total)	N	N	7440382	3.00E-04	I	1.5E-05	Cal	1.50E+00	I	4.3E-03	I	0.044822	10	Y
Barium (total)	N	N	7440393	2.00E-01	I	5.0E-04	H					3120	2000	Y
Benzene	Y	N	71432	4.00E-03	I	3.0E-02	I	5.50E-02	I	7.8E-06	I	0.4132069	5	Y
Benzo[a]anthracene	N	Y	56553					7.30E-01	O	1.1E-04	Cal	0.02945205	N	Y
Benzo[b]fluoranthene	N	Y	205992					7.30E-01	O	1.1E-04	Cal	0.02945205	N	Y
Benzo[k]fluoranthene	N	Y	207089					7.30E-02	O	1.1E-04	Cal	0.29452055	N	Y
Benzo[ghi]perylene	N	N	191242									0	N	Y
Benzo[a]pyrene	N	Y	50328					7.30E+00	I	1.1E-03	Cal	0.00294521	0.2	Y
Benzyl alcohol	N	N	100516	1.0E-01	P							1560	N	Y
Beryllium (total)	N	N	7440417	2.00E-03	I	2.0E-05	I			2.4E-03	I	31.2	4	Y
BHC-alpha; HCH(alpha)	N	N	319846	8.00E-03	A			6.30E+00	I	1.8E-03	I	0.0106719	N	Y
BHC-beta; HCH(beta)	N	N	319857					1.80E+00	I	5.3E-04	I	0.03735167	N	Y
BHC-delta	N	N	319868									0	N	Y
BHC-gamma(Lindane)	N	N	58899	3.00E-04	I			1.1E+00	Cal	3.1E-04	Cal	0.06112091	0.2	Y
Bis(2-chlorethoxy)methane	N	N	111911	3.00E-03	P							46.8	N	Y
Bis(2-chloroethyl)ether	Y	N	111444					1.10E+00	I	3.3E-04	I	0.01188625	N	Y
Bis(2-chloro-1-methylethyl)ether; 2,2-Dichlorodiis	Y	N	108601	4.00E-02	I			7.00E-02	H	1.0E-05	H	0.32309606	N	Y
Bis(2-Chloroisopropyl)ether; 2,2-Dichlorodiisopro	N	N	39638329									0	N	Y
Bis(2-ethylhexyl)phthalate; DEHP	N	N	117817	2.00E-02	I			1.40E-02	I	2.40E-06	I	4.80235714	6	Y
Bromochloromethane	N	N	74975			4.00E-02	P					0	N	Y
Bromodichloromethane (THM); Dibromochlorome	Y	N	75274	2.00E-02	I			6.20E-02	I	3.70E-05	Cal	0.11736876	N	Y

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
Bromoform (tribromomethane) (THM)	N	N	75252	2.00E-02	I			7.90E-03	I	1.1E-06	I	8.51050633	N	Y
4-Bromophenyl phenyl ether	N	N	101553									0	N	Y
Butyl benzyl phthalate;Benzyl butyl phthalate	N	N	85687	2.00E-01	I			1.90E-03	P			35.3857895	N	Y
Cadmium (total)	N	N	7440439	5.00E-04	I	2.00E-05	Cal			1.8E-03	I	7.8	5	Y
Carbon disulfide	Y	N	75150	1.00E-01	I	7.0E-01	I					755.171678	N	Y
Carbon tetrachloride	Y	N	56235	4.00E-03	I	1.0E-01	I	7.00E-02	I	6.0E-06	I	0.43981185	5	Y
Chlordane	N	N	57749	5.00E-04	I	7.0E-04	I	3.50E-01	I	1.0E-04	I	0.19209429	2	Y
p-Chloroaniline; 4-Chloroaniline	N	N	106478	4.00E-03	I			2.00E-01	P			0.336165	N	Y
Chlorobenzene	Y	N	108907	2.00E-02	I	5.0E-02	P					78.2141687	100	Y
Chlorobenzilate	N	N	510156	2.00E-02	I			1.1E-01	Cal	3.1E-05	Cal	0.61120909	N	Y
p-Chloro-m-cresol	N	N	59507	1.00E-01	O							1560	N	Y
Chloroethane (Ethyl Chloride)	Y	N	75003			1.0E+01	I					20800	N	Y
Chloroform	Y	N	67663	1.00E-02	I	9.80E-02	A	3.10E-02	Cal	2.30E-05	I	1.93E-01	N	Y
2-Chloronaphthalene;beta-Chloronaphthalene	Y	N	91587	8.00E-02	I							1248	N	Y
2-Chlorophenol	Y	N	95578	5.00E-03	I							78	N	Y
4-Chlorophenyl phenyl ether	N	N	7005723									0	N	Y
Chloroprene; 2-Chloro-1,3-butadiene	Y	N	126998	2.00E-02	H	2.0E-02	I			3.00E-04	I	0.01623033	N	Y
Chromium III and compounds	N	N	16065831	1.50E+00	I							23400	N	N
Chromium VI and compounds	N	Y	18540299	3.00E-03	I	1.0E-04	I	5.00E-01	O	8.4E-02	I	0.043	N	N
Chromium (Total)	N	N	7440473									0	100	Y
Chrysene	N	Y	218019					7.30E-03	O	1.1E-05	Cal	2.94520548	N	Y
Cobalt (total)	N	N	7440484	3.00E-04	P	6.00E-06	P			9.00E-03	P	4.68	N	Y
Copper (total)	N	N	7440508	4.00E-02	H							624	1300**	Y
m-Cresol; 3-Methylphenol	N	N	108394	5.00E-02	I	6.00E-01	Cal					780	N	Y
o-Cresol; 2-Methylphenol	N	N	95487	5.00E-02	I	6.00E-01	Cal					780	N	Y
p-Cresol; 4-Methylphenol	N	N	106445	5.00E-03	H	6.00E-01	Cal					78	N	Y
Cyanide; Free	Y	N	57125	2.00E-02	I							312	200	Y
2,4-D; 2,4-dichlorophenoxy acetic acid	N	N	94757	1.00E-02	I							156	70	Y
4,4-DDD	N	N	72548					2.40E-01	I	6.90E-05	Cal	0.2801375	N	Y
4,4-DDE	N	N	72559					3.40E-01	I	9.70E-05	Cal	0.19774412	N	Y
4,4-DDT	N	N	50293	5.00E-04	I			3.40E-01	I	9.70E-05	Cal	0.19774412	N	Y
Diallate	N	N	2303164					6.10E-02	H			1.10218033	N	Y
Dibenz(a,h)anthracene	N	Y	53703					7.30E+00	O	1.2E-03	Cal	0.00294521	N	Y
Dibenzofuran	N	N	132649	1.00E-03	O							15.6	N	Y
Dibromochloromethane;Chlorodibromomethane	Y	N	124481	2.00E-02	I			8.40E-02	I	2.70E-05	Cal	0.14718549	N	Y
1,2-Dibromo-3-chloropropane (DBCP)	Y	Y	96128	2.0E-04	P	2.0E-04	I	8.0E-01	P	6.0E-03	P	0.00031641	0.2	Y
1,2-Dibromoethane; Ethylene dibromide;EDB	Y	N	106934	9.00E-03	I	9.0E-03	I	2.00E+00	I	6.0E-04	I	0.00653744	0.05	Y
Di-n-butyl phthalate	N	N	84742	1.00E-01	I							1560	N	Y
*Di-n-Octyl phthalate	N	N	117840									0	N	Y
o-Dichlorobenzene; 1,2	Y	N	95501	9.00E-02	I	2.0E-01	H					321.795422	600	Y
m-Dichlorobenzene; 1,3	N	N	541731									0	N	Y
p-Dichlorobenzene; 1,4	Y	N	106467	7.0E-02	A	8.0E-01	I	5.4E-03	Cal	1.1E-05	Cal	0.42751777	75	Y
3,3-Dichlorobenzidine	N	N	91941					4.50E-01	I	3.40E-04	Cal	0.14940667	N	Y
trans-1,4-Dichloro-2-butene	N	N	110576							4.20E-03	P	0	N	Y
*Dichlorodifluoromethane	Y	N	75718	2.00E-01	I	1.0E-01	S					195.53534	N	Y
1,1-Dichloroethane	Y	N	75343	2.00E-01	P			5.7E-03	Cal	1.6E-06	Cal	2.41917814	N	Y
1,2-Dichloroethane	Y	N	107062	6.0E-03	S	7.0E-03	P	9.10E-02	I	2.6E-05	I	0.14941037	5	Y
1,1-Dichloroethylene;1,1-Dichloroethene;Vinylide	Y	N	75354	5.00E-02	I	2.0E-01	I					272.049342	7	Y
cis-1,2-Dichloroethylene; cis-1,2-dichloroethene	Y	N	156592	2.00E-03	I							31.2	70	Y
trans-1,2-Dichloroethylene;Trans-1,2-Dichloroeth	Y	N	156605	2.00E-02	I	6.0E-02	P					89.3876286	100	Y
2,4-Dichlorophenol	N	N	120832	3.00E-03	I							46.8	N	Y

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
2,6-Dichlorophenol	N	N	87650									0	N	Y
1,2-Dichloropropane; Propylene dichloride	Y	N	78875	9.0E-02	A	4.0E-03	I	3.6E-02	Cal	1.0E-05	Cal	0.38623424	5	Y
1,3-Dichloropropane;Trimethylene dichloride	Y	N	142289	2.0E-02	P							312	N	Y
2,2-Dichloropropane;isopropylidene chloride	N	N	594207									0	N	Y
1,3-Dichloropropene	Y	N	542756	3.00E-02	I	2.0E-02	I	1.00E-01	I	4.0E-06	I	0.43300344	N	N
1,1-Dichloropropene	N	N	563586									0	N	Y
cis-1,3-Dichloropropene	N	N	10061015									0	N	Y
trans-1,3-Dichloropropene	N	N	10061026									0	N	Y
Dieldrin	N	N	60571	5.00E-05	I			1.60E+01	I	4.6E-03	I	0.00420206	N	Y
Diethyl phthalate	N	N	84662	8.00E-01	I							12480	N	Y
O,O-Diethyl O-2-pyrazinylphosphorothioate; Thio	N	N	297972									0	N	Y
Dimethoate	N	N	60515	2.00E-04	I							3.12	N	Y
p-(Dimethylamino)azobenzene	N	N	60117					4.60E+00	Cal	1.30E-03	Cal	0.01461587	N	Y
*7,12-Dimethylbenzidine[a]anthracene	N	Y	57976					2.50E+02	Cal	7.10E-02	Cal	0.000086	N	Y
3,3-Dimethylbenzidine	N	N	119937					1.10E+01	P			0.00611209	N	Y
2,4-Dimethylphenol; m-Xylenol	N	N	105679	2.00E-02	I							312	N	Y
Dimethyl phthalate	N	N	131113									0	N	Y
m-Dinitrobenzene; 1,3	N	N	99650	1.00E-04	I							1.56	N	Y
4,6-Dinitro-o-cresol	N	N	534521	8.00E-05	O							1.248	N	Y
2,4-Dinitrophenol	N	N	51285	2.00E-03	I							31.2	N	Y
*2,4-Dinitrotoluene	N	N	121142	2.00E-03	I			3.10E-01	Cal	8.90E-05	Cal	0.21688065	N	Y
2,6-Dinitrotoluene	N	N	606202	1.00E-03	H							15.6	N	Y
2-sec-Butyl-4,6-dinitrophenol; Dinoseb; (DNBP)	N	N	88857	1.00E-03	I							15.6	7	Y
1,4-Dioxane	N	N	123911	3.00E-02	I	3.0E+00	Cal	1.00E-01	I	7.70E-06	Cal	0.67233	N	N
Diphenylamine	N	N	122394	2.50E-02	I							390	N	Y
Disulfoton	N	N	298044	4.00E-05	I							0.624	N	Y
Endosulfan	N	N	115297	6.00E-03	I							93.6	N	N
Endosulfan I; alpha	N	N	959988									0	N	Y
Endosulfan II	N	N	33213659									0	N	Y
Endosulfan sulfate	N	N	1031078									0	N	Y
Endrin	N	N	72208	3.00E-04	I							4.68	2	Y
Endrin aldehyde	N	N	7421934									0	N	Y
Ethylbenzene	Y	N	100414	1.00E-01	I	1.0E+00	I	1.1E-02	Cal	2.5E-06	Cal	1.47702306	700	Y
*Ethyl methacrylate	Y	N	97632	9.00E-02	H	3.00E-01	P					433.186221	N	Y
Ethyl methanesulfonate	N	N	62500									0	N	Y
Famphur	N	N	52857									0	N	Y
Fluoranthene	N	N	206440	4.00E-02	I							624	N	Y
Fluorene	Y	N	86737	4.00E-02	I							624	N	Y
Formaldehyde	N	N	50000	2.00E-01	I	9.8E-03	A			1.3E-05	I	3120	N	N
Heptachlor	N	N	76448	5.00E-04	I			4.50E+00	I	1.3E-03	I	0.01494067	0.4	Y
Heptachlor epoxide	N	N	1024573	1.30E-05	I			9.10E+00	I	2.6E-03	I	0.00738824	0.2	Y
Hexachlorobenzene	N	N	118741	8.00E-04	I			1.60E+00	I	4.6E-04	I	0.04202063	1	Y
Hexachlorobutadiene	N	N	87683	1.0E-03	P			7.80E-02	I	2.2E-05	I	0.86196154	N	Y
Hexachlorocyclopentadiene	N	N	77474	6.00E-03	I	2.0E-04	I					93.6	50	Y
Hexachloroethane	N	N	67721	1.00E-03	I			1.40E-02	I	4.0E-06	I	4.80235714	N	Y
Hexachlorophene	N	N	70304	3.00E-04	I							4.68	N	N
Hexachloropropene	N	N	1888717									0	N	Y
2-Hexanone; Methyl butyl ketone	Y	N	591786	5.00E-03	I	3.00E-02	I					34.7618679	N	Y
Indeno(1,2,3-cd)pyrene	N	Y	193395					7.30E-01	O	1.1E-04	Cal	0.02945205	N	Y
Isobutyl alcohol; Isobutanol	Y	N	78831	3.00E-01	I							4680	N	Y
Isodrin	N	N	465736									0	N	Y

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
Isophorone	N	N	78591	2.00E-01	I	2.0E+00	Cal	9.50E-04	I			70.7715789	N	Y
Isosafrole	N	N	120581									0	N	Y
Kepone	N	N	143500	3.00E-04	I			1.0E+01	I	4.6E-03	Cal	0.0067233	N	Y
Lead (total)	N	N	7439921									0	15**	Y
*Mercury (inorganic)	Y	N	7439976			3.0E-04	I					0.624	2	Y
Methacrylonitrile	Y	N	126987	1.00E-04	I	7.0E-04	H					0.75517168	N	Y
Methapyrilene	N	N	91805									0	N	Y
Methoxychlor	N	N	72435	5.00E-03	I							78	40	Y
Methyl bromide (Bromomethane)	Y	N	74839	1.40E-03	I	5.0E-03	I					7.06450671	N	Y
Methyl chloride (Chloromethane)	Y	N	74873			9.0E-02	I					187.2	N	Y
*3-Methylcholanthrene	N	Y	56495					2.20E+01	Cal	6.30E-03	Cal	0.00097727	N	Y
Methylene bromide;Dibromomethane	Y	N	74953	1.00E-02	A	4.00E-03	O					7.92041862	N	Y
Methylene chloride;Dichloromethane	Y	N	75092	6.00E-02	I	1.00E+00	A	7.50E-03	I	4.7E-07	I	4.80500374	5	Y
Methyl Ethyl Ketone; MEK; 2-Butanone	Y	N	78933	6.00E-01	I	5.0E+00	I					4939.84529	N	Y
Methyl iodide (Iodomethane)	N	N	74884									0	N	Y
Methyl methacrylate	Y	N	80626	1.40E+00	I	7.0E-01	I					1368.74738	N	Y
Methyl methanesulfonate	N	N	66273					9.90E-02	Cal	2.80E-05	Cal	0.67912121	N	Y
2-Methylnaphthalene	Y	N	91576	4.00E-03	I							62.4	N	Y
Methyl parathion; Parathion methyl	N	N	298000	2.50E-04	I							3.9	N	Y
4-Methyl-2-pentanone (MIBK);Methyl isobutyl ket	Y	N	108101	8.0E-02	H	3.0E+00	I					1042.85694	N	Y
Naphthalene	Y	N	91203	2.00E-02	I	3.0E-03	I			3.40E-05	Cal	0.14320882	N	Y
1,4-Naphthoquinone	N	N	130154									0	N	Y
1-Naphthylamine	N	N	134327									0	N	Y
2-Naphthylamine	N	N	91598					1.80E+00	Cal			0.03735167	N	Y
Nickel (total)	N	N	7440020	2.00E-02	I	9.00E-05	A			2.60E-04	Cal	312	N	Y
o-Nitroaniline; 2-	N	N	88744	1.00E-02	O	5.00E-05	O					156	N	Y
3-Nitroaniline	N	N	99092									0	N	Y
4-Nitroaniline	N	N	100016	4.00E-03	P	6.00E-03	P	2.00E-02	P			3.36165	N	Y
Nitrobenzene	Y	N	98953	2.00E-03	I	9.0E-03	I			4.00E-05	I	0.1217275	N	Y
o-Nitrophenol	N	N	88755									0	N	Y
p-Nitrophenol; 4-	N	N	100027									0	N	Y
4-Nitroquinoline-1-oxide	N	N	56575									0	N	N
N-Nitrosodi-n-butylamine	Y	N	924163					5.40E+00	I	1.6E-03	I	0.00244559	N	Y
N-Nitrosodiethylamine	N	Y	55185					1.50E+02	I	4.3E-02	I	0.00014333	N	Y
N-Nitrosodimethylamine	N	Y	62759	8.0E-06	P	4.00E-05	O	5.10E+01	I	1.4E-02	I	0.00042157	N	Y
N-Nitrosodiphenylamine	N	N	86306					4.90E-03	I	2.60E-06	Cal	13.7210204	N	Y
N-Nitrosodi-n-propylamine; Di-n-propylnitrosamin	N	N	621647					7.00E+00	I	2.00E-03	Cal	0.00960471	N	Y
N-Nitrosomethylethylamine	N	N	10595956					2.20E+01	I	6.30E-03	Cal	0.00305605	N	Y
N-Nitrosomorpholine	N	N	59892					6.70E+00	Cal	1.90E-03	Cal	0.01003478	N	N
N-Nitrosopiperidine	N	N	100754					9.40E+00	Cal	2.70E-03	Cal	0.00715245	N	Y
N-Nitrosopyrrolidine	N	N	930552					2.10E+00	I	6.1E-04	I	0.03201571	N	Y
*5-Nitro-o-toluidine;2-Methyl-5-Nitrobenzenamine	N	N	99558	2.00E-02	S			9.000E-03	P			7.47033333	N	Y
Parathion	N	N	56382	6.00E-03	H							93.6	N	Y
Polychlorinated biphenyls; PCB's; Aroclors	N	N	1336363					7.00E-02	I	5.7E-04	Cal	0.96047143	0.5	Y
Polychlorinated dibenzo-p-dioxins; PCDD's	N	N										0	N	N
Polychlorinated dibenzofurans; PCDF's	N	N	1.37E+08									0	N	N
Pentachlorobenzene	N	N	608935	8.00E-04	I							12.48	N	Y
Pentachloroethane	N	N	76017					9.00E-02	P			0.74703333	N	N
Pentachloronitrobenzene	N	N	82688	3.00E-03	I			2.60E-01	H			0.25858846	N	Y
Pentachlorophenol	N	N	87865	5.00E-03	I			4.00E-01	I	5.10E-06	Cal	0.1680825	1	Y
Phenacetin	N	N	62442					2.20E-03	Cal	6.30E-07	Cal	30.5604545	N	Y

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
Phenanthrene	N	N	85018									0	N	Y
Phenol	N	N	108952	3.00E-01	I	2.0E-01	Cal					4680	N	Y
p-Phenylenediamine	N	N	106503	1.90E-01	H							2964	N	Y
Phorate	N	N	298022	2.0E-04	H							3.12	N	Y
2-Picoline; alpha-; 2-Methylpyridine	N	N	109068									0	N	N
Potassium	N	N	7440097									0	N	N
*Pronamide	N	N	23950585	7.50E-02	I							1170	N	Y
Propionitrile; Ethyl Cyanide	N	N	107120									0	N	Y
Pyrene	Y	N	129000	3.00E-02	I							468	N	Y
Pyridine	Y	N	110861	1.00E-03	I							15.6	N	N
*Safrole	N	Y	94597					2.20E-01	Cal	6.30E-05	Cal	0.09772727	N	Y
Selenium (total)	N	N	7782492	5.00E-03	I	2.00E-02	Cal					78	50	Y
Silver (total)	N	N	7440224	5.00E-03	I							78	N	Y
Silvex (2,4,5-TP);2(2,4,5-Trichlorophenoxy) Propi	N	N	93721	8.00E-03	I							124.8	50	Y
Styrene	Y	N	100425	2.00E-01	I	1.0E+00	I					1251.42712	100	Y
Sulfide	Y	N	18496258									0	N	Y
1,2,4,5-Tetrachlorobenzene	N	N	95943	3.00E-04	I							4.68	N	Y
2,3,7,8-Tetrachlorodibenzo-p-dioxin TCDD(dioxin	N	N	1746016	1.0E-09	A	4.00E-08	Cal	1.3E+05	Cal	3.8E+01	Cal	5.1718E-07	0.00003	N
1,1,1,2-Tetrachloroethane	Y	N	630206	3.00E-02	I			2.60E-02	I	7.4E-06	I	0.5245456	N	Y
1,1,2,2-Tetrachloroethane	Y	N	79345	2.00E-02	I			2.00E-01	I	5.8E-05	I	0.06717793	N	Y
Tetrachloroethylene (PCE)	Y	N	127184	1.00E-02	I	2.7E-01	A	5.40E-01	O	5.9E-06	Cal	0.10814069	5	Y
2,3,4,6-Tetrachlorophenol	N	N	58902	3.00E-02	I							468	N	Y
Tetraethyl dithiopyrophosphate; Sulfotep	N	N	3689245	5.00E-04	I							7.8	N	N
*Thallium (total)	N	N	7440280	1.0E-05	S							0.156	2	Y
Tin (total)	N	N	7440315	6.00E-01	H							9360	N	Y
Toluene	Y	N	108883	8.00E-02	I	5.0E+00	I					1117.34687	1000	Y
*o-Toluidine;2-Methylaniline;2-Methylbenzenamir	N	N	95534									0	N	Y
Toxaphene	N	N	8001352					1.10E+00	I	3.2E-04	I	0.06112091	3	Y
1,2,4-Trichlorobenzene	Y	N	120821	1.00E-02	I	2.00E-03	P	2.9E-02	P			2.31837931	70	Y
1,1,1-Trichloroethane	Y	N	71556	2.0E+00	I	5.0E+00	I					7821.41687	200	Y
1,1,2-Trichloroethane	Y	N	79005	4.00E-03	I	2.00E-04	S	5.70E-02	I	1.6E-05	I	0.24191781	5	Y
Trichloroethylene	Y	N	79016			1.0E-02	O	5.9E-03	Cal	2.0E-06	Cal	2.00611771	5	Y
Trichlorofluoromethane; CFC-11	Y	N	75694	3.00E-01	I	7.0E-01	H					1113.55763	N	Y
2,4,5-Trichlorophenol	N	N	95954	1.00E-01	I							1560	N	Y
2,4,6-Trichlorophenol	N	N	88062	1.0E-03	P			1.10E-02	I	3.1E-06	I	6.11209091	N	Y
2,4,5-Trichloro-phenoxyacetic acid;2,4,5-T	N	N	93765	1.00E-02	I							156	N	Y
1,2,3-Trichloropropane	Y	Y	96184	4.00E-03	I	3.00E-04	I	3.0E+01	I			0.00071667	N	Y
O,O,O-Triethyl phosphorothioate	N	N	126681									0	N	Y
1,3,5-Trinitrobenzene	N	N	99354	3.00E-02	I							468	N	Y
*Vanadium (total)	N	N	7440622	5.00E-03	S							78	N	Y
Vinyl acetate	Y	N	108054	1.00E+00	H	2.0E-01	I					406.307166	N	Y
Vinyl chloride;Chloroethene	Y	Y	75014	3.0E-03	I	1.0E-01	I	7.2E-01	I	4.4E-06	I	0.01617721	2	Y

PARAMETERS	VOC	Mutagen	CAS NO	RfDo		RfCi		So		IUR		ACL(ug/L)	MCL (ug/L)	Table 5.1 (VSWMR) constituent?
Xylene (total)	Y	N	1330207	2.00E-01	I	1.0E-01	I					195.53534	10000	Y
Zinc (total)	N	N	7440666	3.00E-01	I							4680	N	Y

Note: (1) The changes are identified with *
(2) MCL, when available, superseeds ACL
(3) ++ = The compound has Action Level, not MCL
(4) Individual constituents of THM are marked with (THM) next to the constituent name
(5) Individual constituents of THM compounds do not have constituent-specific MCL
(6) ACL for vinyl chloride is calculated using EPA region 3 formula