

## DB params compare

CAS	Chemical	Type of Observation	KP	LOGP	FA	EPD
000053-96-3	Acetylaminofluorene, 2-	Spring 2012	0.0104		1	1
	Acetylaminofluorene, 2-	Fall 2012	0.0124959	3.12	1	1
		Change Effect	0.0020959			
000057-14-7	Dimethylhydrazine, 1,1-	Spring 2012	0.000116		1	1
	Dimethylhydrazine, 1,1-	Fall 2012	0.0000727	-1.19	1	1
		Change Effect				
000066-27-3	Methyl methanesulfonate	Spring 2012	0.000138		1	0
	Methyl methanesulfonate	Fall 2012	0.000138	-0.66	1	1
		Change Effect				1
000070-25-7	Methyl-N-nitro-N-nitrosoguanidine, N-	Spring 2012	0.0000572		1	0
	Methyl-N-nitro-N-nitrosoguanidine, N-	Fall 2012	0.0000572	-0.92	1	1
		Change Effect				1
000072-54-8	DDD	Spring 2012	0.251	6.02	0.8	0
	DDD	Fall 2012	0.251	6.02	0.8	1
		Change Effect				1
000075-60-5	Cacodylic Acid	Spring 2012	0.00046	0.365	1	0
	Cacodylic Acid	Fall 2012	0.00046	0.365	1	1
		Change Effect				1
000075-99-0	Dalapon	Spring 2012	0.00323		1	0
	Dalapon	Fall 2012	0.000815	0.78	1	1
		Change Effect	-0.002415			1
000080-07-9	Sulfonylbis(4-chlorobenzene), 1,1'-	Spring 2012	0.0149		0.9	0
	Sulfonylbis(4-chlorobenzene), 1,1'-	Fall 2012	0.0149	3.9	0.9	1
		Change Effect				1
000085-01-8	Phenanthrene	Spring 2012	0.144	4.46	1	0
	Phenanthrene	Fall 2012	0.144	4.46	1	1
		Change Effect				1
000085-70-1	Butylphthalyl Butylglycolate	Spring 2012	0.0116		0.9	0
	Butylphthalyl Butylglycolate	Fall 2012	0.0116	4.15	0.9	1
		Change Effect				1
000087-86-5	Pentachlorophenol	Spring 2012	0.127	5.12	0.9	0
	Pentachlorophenol	Fall 2012	0.127	5.12	0.9	1
		Change Effect				1
000090-98-2	Dichlorobenzophenone, 4,4'-	Spring 2012	0.0542		0.9	0
	Dichlorobenzophenone, 4,4'-	Fall 2012	0.0542	4.44	0.9	1
		Change Effect				1
000094-58-6	Dihydrosafrole	Spring 2012	0.0452		1	0
	Dihydrosafrole	Fall 2012	0.0452	3.58	1	1
		Change Effect				1
000094-59-7	Safrole	Spring 2012	0.0377		1	1
	Safrole	Fall 2012	0.011285	3.45	1	1
		Change Effect	-0.026415			
000094-81-5	MCPB	Spring 2012	0.0173		0.9	0
	MCPB	Fall 2012	0.0173	3.5	0.9	1
		Change Effect				1
000095-69-2	Chloro-2-methylaniline, 4-	Spring 2012	0.00808		1	0
	Chloro-2-methylaniline, 4-	Fall 2012	0.00808	2.27	1	1
		Change Effect				1
000095-70-5	Toluene-2,5-diamine	Spring 2012	0.00041		1	0
	Toluene-2,5-diamine	Fall 2012	0.00041	0.16	1	1
		Change Effect				1

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000096-19-5	Trichloropropene, 1,2,3-	Spring 2012	0.0169		1	0
	Trichloropropene, 1,2,3-	Fall 2012	0.0169	2.78	1	1
		Change Effect				1
000101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Spring 2012	0.047		1	1
	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Fall 2012	0.0843967	4.37	1	1
		Change Effect	0.0373967			
000102-76-1	Triacetin	Fall 2012	0.000137	0.25	1	1
000107-04-0	Bromo-2-chloroethane, 1-	Spring 2012	0.00464		1	0
	Bromo-2-chloroethane, 1-	Fall 2012	0.00464	1.92	1	1
		Change Effect				1
000107-07-3	Chloroethanol, 2-	Fall 2012	0.000579	0.03	1	1
000107-30-2	Chloromethyl Methyl Ether	Spring 2012	0.000905		1	0
	Chloromethyl Methyl Ether	Fall 2012	0.000905	0.32	1	1
		Change Effect				1
000107-98-2	Propylene Glycol Monomethyl Ether	Spring 2012	0.000231		1	1
	Propylene Glycol Monomethyl Ether	Fall 2012	0.0003717	-0.49	1	1
		Change Effect	0.0001407			
000110-49-6	Methoxyethanol Acetate, 2-	Spring 2012	0.000396		1	0
	Methoxyethanol Acetate, 2-	Fall 2012	0.000396	0.1	1	1
		Change Effect				1
000110-83-8	Cyclohexene	Fall 2012	0.0431	2.86	1	1
000111-30-8	Glutaraldehyde	Spring 2012	0.000325		1	0
	Glutaraldehyde	Fall 2012	0.000325	-0.18	1	1
		Change Effect				1
000111-91-1	Bis(2-chloroethoxy)methane	Spring 2012	0.00122		1	0
	Bis(2-chloroethoxy)methane	Fall 2012	0.00122	1.3	1	1
		Change Effect				1
000117-81-7	Bis(2-ethylhexyl)phthalate	Spring 2012	1.13	7.6	0.8	1
	Bis(2-ethylhexyl)phthalate	Fall 2012	1.13	7.6	0.8	0
		Change Effect				-1
000118-75-2	Chloranil	Spring 2012	0.00194		1	0
	Chloranil	Fall 2012	0.00194	2.22	1	1
		Change Effect				1
000124-58-3	Methylarsonic acid	Spring 2012	0.0000419	-1.185	1	0
	Methylarsonic acid	Fall 2012	0.0000419	-1.185	1	1
		Change Effect				1
000133-90-4	Chloramben	Spring 2012	0.00201		1	0
	Chloramben	Fall 2012	0.00201	1.9	1	1
		Change Effect				1
000140-57-8	Aramite	Spring 2012	0.0328		0.8	0
	Aramite	Fall 2012	0.0328	4.82	0.8	1
		Change Effect				1
000148-18-5	Sodium Diethyldithiocarbamate	Spring 2012	0.0000192	-1.431	1	0
	Sodium Diethyldithiocarbamate	Fall 2012	0.0000192	-1.431	1	1
		Change Effect				1
000152-16-9	Octamethylpyrophosphoramidate	Spring 2012	0.0000083		1	0
	Octamethylpyrophosphoramidate	Fall 2012	0.0000083	-1.01	1	1
		Change Effect				1
000301-04-2	Lead acetate	Spring 2012	0.0000208		1	0
	Lead acetate	Fall 2012	0.0000208	-0.08	1	1
		Change Effect				1

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000302-01-2	Hydrazine	Spring 2012	0.0000436	-2.07	1	0
	Hydrazine	Fall 2012	0.0000436	-2.07	1	1
		Change Effect				1
000309-00-2	Aldrin	Spring 2012	0.293	6.5	1	1
	Aldrin	Fall 2012	0.293	6.5	1	0
		Change Effect				-1
000463-56-9	Thiocyanate	Spring 2012	0.00178		1	0
	Thiocyanate	Fall 2012		0.58		1
	Auramine	Spring 2012	0.00476		0.9	1
	Auramine	Fall 2012	0.0111424	2.98	0.9	1
		Change Effect	0.0063824			
000957-51-7	Diphenamid	Spring 2012	0.00563		1	0
	Diphenamid	Fall 2012	0.00563	2.86	1	1
		Change Effect				1
001330-20-7	Xylenes	Spring 2012	0.0471	3.12	1	1
	Xylenes	Fall 2012	0.05	3.16	1	1
		Change Effect	0.0029	0.04		
001585-07-5	Bromo-4-Ethylbenzene, 1-	Spring 2012	0.0579	3.9214	1	0
	Bromo-4-Ethylbenzene, 1-	Fall 2012	0.0579	3.9214	1	1
		Change Effect				1
001646-87-3	Aldicarb sulfoxide	Spring 2012	0.0000329	-0.78	1	0
	Aldicarb sulfoxide	Fall 2012	0.0000329	-0.78	1	1
		Change Effect				1
001910-42-5	Paraquat Dichloride	Spring 2012	8.92E-07	-2.71	1	1
	Paraquat Dichloride	Fall 2012	5.77E-08	-4.5	1	0
		Change Effect		-1.79		-1
002602-46-2	Direct Blue 6	Spring 2012	1.73E-09		1	0
	Direct Blue 6	Fall 2012	1.73E-09	-2.03	1	0
		Change Effect				
003165-93-3	Chloro-2-methylaniline HCl, 4-	Spring 2012	0.00808	2.27	1	1
	Chloro-2-methylaniline HCl, 4-	Fall 2012	0.000018	-1.42	1	1
		Change Effect	-0.008062	-3.69		
004170-30-3	Crotonaldehyde	Spring 2012	0.00159		1	0
	Crotonaldehyde	Fall 2012	0.00159	0.6	1	1
		Change Effect				1
004549-40-0	Nitrosomethylvinylamine, N-	Spring 2012	0.000334		1	1
	Nitrosomethylvinylamine, N-	Fall 2012	0.0005149	-0.28	1	1
		Change Effect	0.0001809			
005216-25-1	Tetrachlorotoluene, p- alpha, alpha, alpha-	Spring 2012	0.0836		0.9	0
	Tetrachlorotoluene, p- alpha, alpha, alpha-	Fall 2012	0.0836	4.54	0.9	1
		Change Effect				1
008018-01-7	Mancozeb	Spring 2012	0.00026	0.62	1	1
	Mancozeb	Fall 2012	0.000771	1.33	1	1
		Change Effect	0.000511	0.71		
010294-34-5	Boron Trichloride	Fall 2012	0.001		1	1
011104-28-2	Aroclor 1221	Spring 2012	0.14	4.53	1	1
	Aroclor 1221	Fall 2012	0.168	4.65	1	1
		Change Effect	0.028	0.12		
011141-16-5	Aroclor 1232	Spring 2012	0.14	4.53	1	1
	Aroclor 1232	Fall 2012	0.168	4.65	1	1
		Change Effect	0.028	0.12		

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012122-67-7	Zineb	Spring 2012	0.0000244		1	0
	Zineb	Fall 2012	0.000325	1.3	1	1
		Change Effect	0.0003006			1
012427-38-2	Maneb	Spring 2012	0.00026		1	0
	Maneb	Fall 2012	0.000771	1.33	1	1
		Change Effect	0.000511			1
012789-03-6	Chlordane	Spring 2012	0.107	6.22	0.7	1
	Chlordane	Fall 2012	0.107	6.22	0.7	0
		Change Effect				-1
013674-84-5	Tris(1-chloro-2-propyl)phosphate	Fall 2012	0.0012	2.59	1	1
021436-96-4	Dimethylaniline HCl, 2,4-	Spring 2012	0.00428	1.68	1	1
	Dimethylaniline HCl, 2,4-	Fall 2012	0.0000202	-1.51	1	1
		Change Effect	-0.00426	-3.19		
025013-15-4	Methyl Styrene (Mixed Isomers)	Spring 2012	0.0699	3.48	1	1
	Methyl Styrene (Mixed Isomers)	Fall 2012	0.066	3.44	1	1
		Change Effect	-0.0039	-0.04		
025013-16-5	Butylated hydroxyanisole	Spring 2012	0.0325		1	0
	Butylated hydroxyanisole	Fall 2012	0.0325	3.5	1	1
		Change Effect				1
033820-53-0	Isopropalin	Spring 2012	0.207		0.8	0
	Isopropalin	Fall 2012	0.207	5.8	0.8	1
		Change Effect				1
058138-08-2	Tridiphane	Spring 2012	0.0689		0.8	0
	Tridiphane	Fall 2012	0.0689	5.18	0.8	1
		Change Effect				1
066215-27-8	Cyromazine	Spring 2012	0.000797		1	0
	Cyromazine	Fall 2012	0.000797	0.96	1	1
		Change Effect				1
067485-29-4	Amdro	Spring 2012	1.19		-1	0
	Amdro	Fall 2012	0.0000902	2.31	1	1
		Change Effect	-1.18991		2	1
082097-50-5	Triasulfuron	Spring 2012	0.000367		1	0
	Triasulfuron	Fall 2012	0.0000469	1.1	1	1
		Change Effect	-0.00032			1
101200-48-0	Express	Spring 2012	0.000468		1	0
	Express	Fall 2012	0.000468	2.55	1	1
		Change Effect				1