

SL Table compare

CAS	Chemical	Type of Observation	v o c	muta- gen	GIABS	ABS	Csat (mg kg)	RfDo (mg kg-day)	key_2	RfCi (mg m3)	key_3	SFO (mg kg-day)-1	key	IUR (ug m3)-1	key_1	Resident Soil (mg kg)	key	Industrial Soil (mg kg)	key_1	Resident Air (ug m3)	key_2	Industrial Air (ug m3)	key_3	Tapwater (ug L)	key_4	MCL (ug L)	Risk-based SSL (mg kg)	MCL-based SSL (mg kg)
10294-40-3	Barium Chromate	Fall 2014		M	0.025			0.02 C		0.0002 C		0.5 C		0.15 C		9.2 c		110 c		6.8E-06 c		0.000082 c		0.041 c				
13765-19-0	Calcium Chromate	Fall 2014		M	0.025			0.02 C		0.0002 C		0.5 C		0.15 C		9.2 c		110 c		6.8E-06 c		0.000082 c		0.041 c				
108-36-1	Dibromobenzene, 1,3-	Fall 2014			1	0.1		0.0004 X								2.5 n		33 n						0.53 n			0.00051	
1937-37-7	Direct Black 38	Spring 2014			1	0.1						7.4 C		0.0021 C		0.072 c		0.31 c		0.0013 c		0.0058 c		0.011 c			5.1	
1937-37-7	Direct Black 38	Fall 2014			1	0.1						7.1 C		0.14 C		0.075 c		0.32 c		0.00002 c		0.000088 c		0.011 c			5.3	
.....	Direct Black 38	Change Effect	..	.....																								
2602-46-2	Direct Blue 6	Spring 2014			1	0.1						-0.3 ..		0.1379 ..		0.003 .....		0.01 ....		-0.00128 ....		-0.005712 ....					0.2	
2602-46-2	Direct Blue 6	Fall 2014			1	0.1						7.4 C		0.0021 C		0.072 c		0.31 c		0.0013 c		0.0058 c		0.011 c			17	
.....	Direct Blue 6	Change Effect	..	.....																								
16071-86-6	Direct Brown 95	Spring 2014			1	0.1						6.7 C		0.0139 ..		0.079 c		0.34 c		0.0015 c		0.0065 c		0.012 c				
16071-86-6	Direct Brown 95	Fall 2014			1	0.1						6.7 C		0.14 C		0.079 c		0.34 c		0.00002 c		0.000088 c		0.012 c				
.....	Direct Brown 95	Change Effect	..	.....																								
140-88-5	Ethyl Acrylate	Spring 2014	V		1		2500					0.048 H				14 c		68 c					1.6 c			0.00035		
140-88-5	Ethyl Acrylate	Fall 2014	V		1		2500	0.005 P		0.008 P		0.048 H				4.7 n		21 n		0.83 n		3.5 n		1.4 n			0.00032	
.....	Ethyl Acrylate	Change Effect	..	.....				X.		X.						-9.3 X...		-47 X...		X...		X...		-0.2 X...				
67-63-0	Isopropanol	Spring 2014			1	0.1				7 C						990000000 nm		4200000000 nm		730 n		3100 n						
67-63-0	Isopropanol	Fall 2014			1	0.1		2 P		0.2 P						12000 n		160000 nm		21 n		88 n		4000 n			0.81	
.....	Isopropanol	Change Effect	..	.....				X.		-6.8 X.						-989988000 .X...		-4199840000 ....		-709 ....		-3012 ....		X...				
64724-95-6	Naphtha, High Flash Aromatic (HFAN)	Spring 2014	V		1			0.03 X		0.1 P						230 n		3500 n		10 n		44 n		15 n				
64742-95-6	Naphtha, High Flash Aromatic (HFAN)	Fall 2014	V		1			0.03 X		0.1 P						230 n		3500 n		10 n		44 n		15 n				
.....XX.....	Naphtha, High Flash Aromatic (HFAN)	Change Effect	..	.....																								
373-02-4	Nickel Acetate	Fall 2014			0.04			0.011 C		0.000014 C						2000 n		8300 n		0.0015 n		0.0061 n		20 n				
3333-67-3	Nickel Carbonate	Fall 2014			0.04			0.011 C		0.000014 C						2000 n		8300 n		0.0015 n		0.0061 n		20 n				
13463-39-3	Nickel Carbonyl	Spring 2014			0.04			0.011 C		0.000014 C						82 n		1100 n		0.0015 n		0.0061 n		20 n				
13463-39-3	Nickel Carbonyl	Fall 2014			0.04			0.011 C		0.000014 C						82 n		1100 n		0.0015 n		0.0061 n		20 n				
.....	Nickel Carbonyl	Change Effect	..	.....										X.														
12054-48-7	Nickel Hydroxide	Fall 2014			0.04			0.011 C		0.000014 C						2000 n		8300 n		0.0015 n		0.0061 n		20 n				
1313-99-1	Nickel Oxide	Spring 2014			1			0.011 C		0.00002 C						84 n		1200 n		0.0021 n		0.0088 n		22 n				
1313-99-1	Nickel Oxide	Fall 2014			0.04			0.011 C		0.00002 C						84 n		1200 n		0.0021 n		0.0088 n		20 n				
.....	Nickel Oxide	Change Effect	..	.....		-0.96								X.														
1271-28-9	Nickelocene	Fall 2014			0.04			0.011 C		0.000014 C						2000 n		8300 n		0.0015 n		0.0061 n		20 n				
375-73-5	Perfluorobutane Sulfonate	Fall 2014			1	0.1		0.02 P								580 n		5600 n						38 n			0.021	
29420-49-3	Potassium Perfluorobutane Sulfonate	Fall 2014			1	0.1		0.02 P								580 n		5600 n						40 n				
10588-01-9	Sodium Dichromate	Fall 2014		M	0.025			0.02 C		0.0002 C		0.5 C		0.15 C		9.2 c		110 c		6.8E-06 c		0.000082 c		0.041 c				
7789-06-2	Strontium Chromate	Fall 2014		M	0.025			0.02 C		0.0002 C		0.5 C		0.15 C		9.2 c		110 c		6.8E-06 c		0.000082 c		0.041 c				
NA	Styrene-Acrylonitrile (SAN) Trimer	Fall 2014			1	0.1		0.003 P								87 n		840 n						6 n				
126-33-0	Sulfolane	Spring 2014			1	0.1		0.001 P		0.002 P						6.2 n		82 n		0.21 n		0.88 n		2 n			0.00044	
126-33-0	Sulfolane	Fall 2014			1	0.1		0.001 P		0.002 X						6.2 n		82 n		0.21 n		0.88 n		2 n			0.00044	
.....	Sulfolane	Change Effect	..	.....						X.																		
7446-71-9	Sulfur Trioxide	Fall 2014			1					0.001 C						140000 nm		600000 nm		0.1 n		0.44 n						
112-27-6	Triethylene Glycol	Fall 2014			1	0.1		2 P								58000 n		560000 nm						4000 n			0.88	
7758-97-6	--Lead Chromate	Fall 2014		M	0.025			0.02 C		0.0002 C		0.5 C		0.15 C		9.2 c		110 c		6.8E-06 c		0.000082 c		0.041 c				
7446-27-7	--Lead Phosphate	Fall 2014			1							0.0085 C		1.2E-05 C		320000 cm		1400000 cm		0.23 c		1 c		9.1 c				
7439-92-1	--Lead and Compounds	Spring 2014			1											400 L		800 L		0.15 L		L		L	15		14	
7439-92-1	--Lead and Compounds	Fall 2014			1											400 L		800 L		0.15 L		L		15 L	15		14	
.....	--Lead and Compounds	Change Effect	..	.....																		X...						
1335-32-6	--Lead subacetate	Spring 2014			1	0.1						0.038 C		1.1E-05 C		14 c		61 c		0.26 c		1.1 c		2.1 c				
1335-32-6	--Lead subacetate	Fall 2014			1	0.1						0.0085 C		1.2E-05 C		63 c		270 c		0.23 c		1 c		9.2 c				
.....	--Lead subacetate	Change Effect	..	.....												49 .....		209 ....		-0.03 ....		-0.1 ....		7.1 ....				