

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		0.0000068 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		0.0000068 c		0.000082 c		0.041 c				
108-36-1	Dibromobenzene, 1,3-	Fall 2014				1 0.1		0.0004 X								25 n		330 n					5.3 n			0.0051		
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	..	.....								-0.3 ..		0.1379 ..		0.003		0.01		-0.00128		-0.005712 .....		.....		.....	0.2	
2602-46-2	Direct Blue 6	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			17	
2602-46-2	Direct Blue 6	Fall 2014				1 0.1						7.4 C		0.14 C		0.072 c		0.31 c		0.00002 c		0.000088 c		0.011 c			17	
.....	Direct Blue 6	Change	..	.....								..		0.1379 ..		.....		.....		-0.00128		-0.005712 .....		.....		.....
16071-86-6	Direct Brown 95	Spring 2014				1 0.1						6.7 C		0.0019 C		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	..	.....								..		0.1381 ..		.....		.....		-0.00148		-0.006412 .....		.....		.....
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				14 c**		68 c**		8.3 n		35 n		1.6 c**			0.00035	
.....	Ethyl Acrylate	Change	..	.....				X.		X.		..				.XX.		.XX.		X...		X...		.XX.		.....	
67-63-0	Isopropanol	Spring 2014				1 0.1					7 C					9900000000 nm		4200000000 nm		7300 n		31000 n						
67-63-0	Isopropanol	Fall 2014				1 0.1		2 P		0.2 P						120000 nm		1600000 nm		210 n		880 n		40000 n			8.1	
.....	Isopropanol	Change	..	.....				X.		-6.8 X.		..				-9899880000		-41998400000		-7090		-30120		X...		.....	
64724-95-6	Naphtha, High Flash Aromatic (HFAN	Spring 2014	V			1		0.03 X		0.1 P						2300 n		35000 n		100 n		440 n		150 n				
64742-95-6	Naphtha, High Flash Aromatic (HFAN	Spring 2014	V			1		0.03 X		0.1 P						2300 n		35000 n		100 n		440 n		150 n				
.....XX	Naphtha, High Flash Aromatic (HFAN	Change	..	.....								..				.....		.....		.....		.....		.....		.....
373-02-4	Nickel Acetate	Fall 2014			0.04			0.011 C		0.000014 C				0.00028 C		15000 c**		64000 c**		0.011 c**		0.047 c**		200 n				
3333-67-3	Nickel Carbonate	Fall 2014			0.04			0.011 C		0.000014 C				0.00026 C		15000 c**		64000 c**		0.011 c**		0.047 c**		200 n				
13463-39-3	Nickel Carbonyl	Spring 2014			0.04			0.011 C		0.000014 C						820 n		11000 n		0.015 n		0.061 n		200 n				
13463-39-3	Nickel Carbonyl	Fall 2014			0.04			0.011 C		0.000014 C						820 n		11000 n		0.011 c**		0.047 c**		200 n				
.....	Nickel Carbonyl	Change	..	.....								..		X.		.....		.....		-0.004 XXX.		-0.014 XXX.		.....		.....
12054-48-7	Nickel Hydroxide	Fall 2014			0.04			0.011 C		0.000014 C				0.00026 C		15000 c**		64000 c**		0.011 c**		0.047 c**		200 n				
1313-99-1	Nickel Oxide	Spring 2014			1			0.011 C		0.00002 C						840 n		12000 n		0.021 n		0.088 n		220 n				
1313-99-1	Nickel Oxide	Fall 2014			0.04			0.011 C		0.00002 C						840 n		12000 n		0.011 c**		0.047 c**		200 n				
.....	Nickel Oxide	Change	..	.....		-0.96						..		X.		.....		.....		-0.01 XXX.		-0.041 XXX.		-20		.....	
1271-28-9	Nickelocene	Fall 2014			0.04			0.011 C		0.000014 C				0.00026 C		15000 c**		64000 c**		0.011 c**		0.047 c**		200 n				
375-73-5	Perfluorobutane Sulfonate	Fall 2014			1 0.1			0.02 P								5800 n		56000 n					380 n					
29420-49-3	Potassium Perfluorobutane Sulfonate	Fall 2014			1 0.1			0.02 P								5800 n		56000 n					400 n				0.21	
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		0.0000068 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		0.0000068 c		0.000082 c		0.041 c				
NA	Styrene-Acrylonitrile (SAN) Trimer	Fall 2014			1 0.1			0.003 P								870 n		8400 n					60 n					
126-33-0	Sulfolane	Spring 2014			1 0.1			0.001 P		0.002 P						62 n		820 n		2.1 n		8.8 n		20 n			0.0044	
126-33-0	Sulfolane	Fall 2014			1 0.1			0.001 P		0.002 X						62 n		820 n		2.1 n		8.8 n		20 n			0.0044	
.....	Sulfolane	Change	..	.....						X.		..				.....		.....		.....		.....		.....		.....
7446-71-9	Sulfur Trioxide	Fall 2014			1					0.001 C						1400000 nm		6000000 nm		1 n		4.4 n						
112-27-6	Triethylene Glyco	Fall 2014			1 0.1			2 P								5800000 nm		5600000 nm					40000 n				8.8	
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		0.0000068 c		0.000082 c		0.041 c				
7446-27-7	-Lead Phosphate	Fall 2014			1							0.0085 C		1.2E-05 C		3200000 cm		14000000 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		L		15		14
.....	-Lead and Compounds	Change	..	.....								..				.....		.....		.....		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	..	.....								-0.0295 ..				49		209		-0.03		-0.1		7.1 ....		.....