

## SL Table compare

CAS	Chemical	Type of Observation	Resident Soil (mg kg)	key	Industrial Soil (mg kg)	key_1
10294-40-3	Barium Chromate	Fall 2014	9.2	c	110	c
10294-40-3	Barium Chromate	Winter 2015	0.3	c	6.2	c
.....	Barium Chromate	Change Effect	-8.9	....	-103.8	....
13765-19-0	Calcium Chromate	Fall 2014	9.2	c	110	c
13765-19-0	Calcium Chromate	Winter 2015	0.3	c	6.2	c
.....	Calcium Chromate	Change Effect	-8.9	....	-103.8	....
373-02-4	Nickel Acetate	Fall 2014	15000	c**	64000	c**
373-02-4	Nickel Acetate	Winter 2015	820	n	11000	n
.....	Nickel Acetate	Change Effect	-14180	XXX.	-53000	XXX.
3333-67-3	Nickel Carbonate	Fall 2014	15000	c**	64000	c**
3333-67-3	Nickel Carbonate	Winter 2015	820	n	11000	n
.....	Nickel Carbonate	Change Effect	-14180	XXX.	-53000	XXX.
12054-48-7	Nickel Hydroxide	Fall 2014	15000	c**	64000	c**
12054-48-7	Nickel Hydroxide	Winter 2015	820	n	11000	n
.....	Nickel Hydroxide	Change Effect	-14180	XXX.	-53000	XXX.
1271-28-9	Nickelocene	Fall 2014	15000	c**	64000	c**
1271-28-9	Nickelocene	Winter 2015	820	n	11000	n
.....	Nickelocene	Change Effect	-14180	XXX.	-53000	XXX.
375-73-5	Perfluorobutane Sulfonate	Fall 2014	5800	n	56000	n
375-73-5	Perfluorobutane Sulfonate	Winter 2015	1200	n	16000	n
.....	Perfluorobutane Sulfonate	Change Effect	-4600	....	-40000	....
29420-49-3	Potassium Perfluorobutane Sulfonate	Fall 2014	5800	n	56000	n
29420-49-3	Potassium Perfluorobutane Sulfonate	Winter 2015	1200	n	16000	n
.....	Potassium Perfluorobutane Sulfonate	Change Effect	-4600	....	-40000	....
10588-01-9	Sodium Dichromate	Fall 2014	9.2	c	110	c
10588-01-9	Sodium Dichromate	Winter 2015	0.3	c	6.2	c
.....	Sodium Dichromate	Change Effect	-8.9	....	-103.8	....
7789-06-2	Strontium Chromate	Fall 2014	9.2	c	110	c
7789-06-2	Strontium Chromate	Winter 2015	0.3	c	6.2	c
.....	Strontium Chromate	Change Effect	-8.9	....	-103.8	....
NA	Styrene-Acrylonitrile (SAN) Trime	Fall 2014	870	n	8400	n
NA	Styrene-Acrylonitrile (SAN) Trime	Winter 2015	180	n	2500	n
.....	Styrene-Acrylonitrile (SAN) Trime	Change Effect	-690	....	-5900	....
7446-71-9	Sulfur Trioxide	Fall 2014	1400000	nm	6000000	nm
7446-11-9	Sulfur Trioxide	Winter 2015	1400000	nm	6000000	nm
....X....	Sulfur Trioxide	Change Effect		....		....
1330-78-5	Tricresyl Phosphate (TCP)	Fall 2014	5800	n	56000	n
1330-78-5	Tricresyl Phosphate (TCP)	Winter 2015	1200	n	16000	n
.....	Tricresyl Phosphate (TCP)	Change Effect	-4600	....	-40000	....
112-27-6	Triethylene Glyco	Fall 2014	580000	nm	5600000	nm
112-27-6	Triethylene Glyco	Winter 2015	120000	nm	1600000	nm
.....	Triethylene Glyco	Change Effect	-460000	....	-4000000	....
11126-42-4	~Aroclor 5460	Fall 2014	170	n	1700	n
11126-42-4	~Aroclor 5460	Winter 2015	37	n	490	n
.....	~Aroclor 5460	Change Effect	-133	....	-1210	....
7758-97-6	~Lead Chromate	Fall 2014	9.2	c	110	c
7758-97-6	~Lead Chromate	Winter 2015	0.3	c	6.2	c
.....	~Lead Chromate	Change Effect	-8.9	....	-103.8	....
7446-27-7	~Lead Phosphate	Fall 2014	320000	cm	1400000	cm
7446-27-7	~Lead Phosphate	Winter 2015	82	c	380	c
.....	~Lead Phosphate	Change Effect	-319918	.X..	-1399620	.X..
463-56-9	~Thiocyanic Acid	Fall 2014				
463-56-9	~Thiocyanic Acid	Winter 2015	16	n	230	n
.....	~Thiocyanic Acid	Change Effect		X...		X...