CAS	Chemical	Type of Observation	v o l	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day)-1	k e y	IUR (ug/m3)-1	k e y_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)
1596-84-5	ALAR	Spring 2015			1	0.1		0.15	I			0.018	C	0.0000051	C	30	c	130	c	0.55	c	2.4	c	4.3	c		0.00095	
75-86-5	Acetone Cyanohydrin	Spring 2015	V		1		106000			0.002	X					50	n	210	n	2.1	n	8.8	n	4.2	n		0.00084	
75-86-5	Acetone Cyanohydrin	Fall 2015			1	0.1				0.002	X					2800000	nm	12000000	nm	2.1	n	8.8	n					
.	Acetone Cyanohydrin	Change Effect	X.													2799950	.X	11999790	.X						X.			
15972-60-8	Alachlor	Spring 2015			1	0.1		0.01	I			0.056	C			9.7	c*	41	c					1	c	2	0.00086	0.0016
15972-60-8	Alachlor	Fall 2015			1	0.1		0.01	I			0.056	C			9.7	c*	41	c					1.1	c	2	0.00087	0.0016
.	Alachlor	Change Effect																						0.1				
74223-64-6	Ally	Spring 2015			1	0.1		0.25	I							16000	n	210000	nm					4900	n		1.9	
67485-29-4	Amdro	Spring 2015			1	0.1		0.0003	I							19	n	250	n					5.9	n		2100	
11071-15-1	Antimony Potassium Tartrate	Spring 2015			0.15			0.0009	H							70	n	1100	n					18	n			
74115-24-5	Apollo	Spring 2015			1	0.1		0.013	I							820	n	11000	n					230	n		14	
140-57-8	Aramite	Spring 2015			1	0.1		0.05	H			0.025	I	0.0000071	I	22	c	92	c	0.4	c	1.7	c	1.3	c		0.015	
76578-14-8	Assure	Spring 2015			1	0.1		0.009	I							570	n	7400	n					120	n		1.9	
492-80-8	Auramine	Spring 2015			1	0.1						0.88	C	0.00025	C	0.62	c	2.6	c	0.011	c	0.049	c	0.066	c		0.0006	
492-80-8	Auramine	Fall 2015			1	0.1						0.88	C	0.00025	C	0.62	c	2.6	c	0.011	c	0.049	c	0.067	c		0.00061	
.	Auramine	Change Effect																						0.001				
86-50-0	Azinphos-methy	Fall 2015			1	0.1		0.003	A	0.01	A					190	n	2500	n	10	n	44	n	56	n		0.017	
114-26-1	Baygon	Spring 2015			1	0.1		0.004	I							250	n	3300	n					78	n		0.025	
43121-43-3	Bayleton	Spring 2015			1	0.1		0.03	I							1900	n	25000	n					550	n		0.44	
68359-37-5	Baythroid	Spring 2015			1	0.1		0.025	I							1600	n	21000	n					120	n		31	
1861-40-1	Benefin	Spring 2015	V		1			0.3	I							23000	n	350000	nm					1700	n		56	
1861-40-1	Benfluralin	Fall 2015	V		1			0.3	I							23000	n	350000	nm					1700	n		56	
83055-99-6	Bensulfuron-methy	Fall 2015			1	0.1		0.2	I							13000	n	160000	nm					3900	n		1	
71-43-2	Benzene	Spring 2015	V		1		1820	0.004	I	0.03	I	0.055	I	0.0000078	I	1.2	c*	5.1	c*	0.36	c*	1.6	c*	0.45	c*	5	0.00023	0.0026
71-43-2	Benzene	Fall 2015	V		1		1820	0.004	I	0.03	I	0.055	I	0.0000078	I	1.2	c*	5.1	c*	0.36	c*	1.6	c*	0.46	c*	5	0.00023	0.0026
.	Benzene	Change Effect																						0.01				
98-07-7	Benzotrichloride	Spring 2015	V		1		324					13	I			0.053	c	0.25	c					0.0029	c		0.0000065	
98-07-7	Benzotrichloride	Fall 2015	V		1		324					13	I			0.053	c	0.25	c					0.003	c		0.0000066	
.	Benzotrichloride	Change Effect																						0.0001				
141-66-2	Bidrin	Spring 2015			1	0.1		0.0001	I							6.3	n	82	n					2	n		0.00047	
108-60-1	Bis(2-chloro-1-methylethyl) ether	Spring 2015	V		1		1020	0.04	I			0.07	H	0.00001	H	4.9	c	22	c	0.28	c	1.2	c	0.36	c		0.00013	
108-60-1	Bis(2-chloro-1-methylethyl) ether	Fall 2015	V		1		1020	0.04	I							3100	ns	47000	ns					710	n		0.26	
.	Bis(2-chloro-1-methylethyl) ether	Change Effect											X.		X.	3095.1	XX	46978	XX		X.		X.	709.64	X.		0.25987	
75-27-4	Bromodichloromethane	Spring 2015	V		1		931	0.02	I			0.062	I	0.000037	C	0.29	c	1.3	c	0.076	c	0.33	c	0.13	c	8.0E+01(F)	0.000036	0.022
75-27-4	Bromodichloromethane	Fall 2015	V		1		932	0.02	I			0.062	I	0.000037	C	0.29	c	1.3	c	0.076	c	0.33	c	0.13	c	8.0E+01(F)	0.000036	0.022
.	Bromodichloromethane	Change Effect					1																					
85-68-7	Butyl Benzyl Phthalate	Fall 2015			1	0.1		0.2	I			0.0019	P			290	c*	1200	c					16	c		0.24	
85-68-7	Butyl Benzyl Phthlate	Spring 2015			1	0.1		0.2	I			0.0019	P			290	c*	1200	c					16	c		0.23	
25013-16-5	Butylated hydroxyanisole	Spring 2015			1	0.1						0.0002	C	5.7E-08	C	2700	c	11000	c	49	c	220	c	240	c		0.45	
25013-16-5	Butylated hydroxyanisole	Fall 2015			1	0.1						0.0002	C	5.7E-08	C	2700	c	11000	c	49	c	220	c	150	c		0.29	
.	Butylated hydroxyanisole	Change Effect																						-90			-0.16	
128-37-0	Butylated hydroxytoluene	Spring 2015			1	0.1		0.3	P			0.0036	P			150	c	640	c					3.3	c		0.097	
128-37-0	Butylated hydroxytoluene	Fall 2015			1	0.1		0.3	P			0.0036	P			150	c	640	c					3.4	c		0.1	
.	Butylated hydroxytoluene	Change Effect																						0.1			0.003	
75-60-5	Cacodylic Acid	Spring 2015			1	0.1		0.02	A							1300	n	16000	n					400	n			
75-60-5	Cacodylic Acid	Fall 2015			1	0.1		0.02	A							1300	n	16000	n					400	n		0.11	
.	Cacodylic Acid	Change Effect																										
56-23-5	Carbon Tetrachloride	Spring 2015	V		1		458	0.004	I	0.1	I	0.07	I	0.000006	I	0.65	c	2.9	c	0.47	c	2	c	0.45	c	5	0.00018	0.0019
56-23-5	Carbon Tetrachloride	Fall 2015	V		1		458	0.004	I	0.1	I	0.07	I	0.000006	I	0.65	c	2.9	c	0.47	c	2	c	0.46	c	5	0.00018	0.0019
.	Carbon Tetrachloride	Change Effect																						0.01				
463-58-1	Carbonyl Sulfide	Fall 2015	V		1		5890			0.1	P					67	n	280	n	100	n	440	n	210	n		0.51	
126-99-8	Chloro-1,3-butadiene, 2-	Spring 2015	V		1		751	0.02	H	0.02	I			0.0003	I	0.01	c	0.044	c	0.0094	c	0.041	c	0.019	c		0.0000098	
126-99-8	Chloro-1,3-butadiene, 2-	Fall 2015	V		1		786	0.02	H	0.02	I			0.0003	I	0.01	c	0.044	c	0.0094	c	0.041	c	0.019	c		0.0000098	
.	Chloro-1,3-butadiene, 2-	Change Effect					35																					
95-69-2	Chloro-2-methylaniline, 4-	Spring 2015			1	0.1		0.003	X			0.1	P	0.000077	C	5.4	c*	23	c	0.036	c	0.16	c	0.69	c*		0.00039	
95-69-2	Chloro-2-methylaniline, 4-	Fall 2015			1	0.1		0.003	X			0.1	P	0.000077	C	5.4	c*	23	c	0.036	c	0.16	c	0.7	c*		0.0004	
.	Chloro-2-methylaniline, 4-	Change Effect																						0.01				
107-20-0	Chloroacetaldehyde, 2-	Spring 2015	V		1		28300					0.27	X			2.6	c	12	c					0.29	c		0.000058	
107-20-0	Chloroacetaldehyde, 2-	Fall 2015	V		1		11800					0.27	X			2.6	c	12	c					0.29	c		0.000058	
.	Chloroacetaldehyde, 2-	Change Effect					-16500																					
79-11-8	Chloroacetic Acid	Spring 2015			1	0.1		0.002	H							130	n	1600	n					40	n	60	0.0081	0.012
79-11-8	Chloroacetic Acid	Fall 2015			1	0.1																				60		0.012
.	Chloroacetic Acid	Change Effect							X.								X.		X.						X.			
106-47-8	Chloroaniline, p-	Spring 2015			1	0.1		0.004	I			0.2	P			2.7	c*	11	c					0.36	c		0.00016	
106-47-8	Chloroaniline, p-	Fall 2015			1	0.1		0.004	I			0.2	P			2.7	c*	11	c					0.37	c		0.00016	
.	Chloroaniline, p-	Change Effect																						0.01				
98-56-6	Chlorobenzotrifluoride, 4-	Spring 2015	V		1		117	0.003	P	0.3	P					210	ns	2500	ns	310	n	1300	n	35	n		0.12	
98-56-6	Chlorobenzotrifluoride, 4-	Fall 2015	V		1		290	0.003	P	0.3	P					210	n	2500	ns	310	n	1300	n	35	n		0.12	
.	Chlorobenzotrifluoride, 4-	Change Effect					173										.X											
107-30-2	Chloromethyl Methyl Ether	Spring 2015	V		1		25800					2.4	C	0.00069	C	0.02	c	0.089	c	0.0041	c	0.018	c	0.0065	c		0.0000014	
107-30-2	Chloromethyl Methyl Ether	Fall 2015	V		1		9320					2.4	C	0.00069	C	0.02	c	0.089	c	0.0041	c	0.018	c	0.0065	c		0.0000014	
.	Chloromethyl Methyl Ether	Change Effect					-16480																					
88-73-3	Chloronitrobenzene, o-	Spring 2015			1	0.1		0.003	P	0.00001	X	0.3	P			1.8	c	7.7	c	0.01	n	0.044	n	0.23	c		0.00022	
88-73-3	Chloronitrobenzene, o-	Fall 2015			1	0.1		0.003	P	0.00001	X	0.3	P			1.8	c	7.7	c	0.01	n	0.044	n	0.24	c		0.00022	

CAS	Chemical	Type of Observation	v o l	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day)-1	k e y	IUR (ug/m3)-1	k e y_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)
.	Chloronitrobenzene, o-	Change Effect																						0.01				
1897-45-6	Chlorothaloni	Spring 2015			1	0.1		0.015	I			0.0031	C	0.00000089	C	180	c**	740	c*	3.2	c	14	c	22	c*		0.049	
1897-45-6	Chlorothaloni	Fall 2015			1	0.1		0.015	I			0.0031	C	0.00000089	C	180	c**	740	c*	3.2	c	14	c	22	c*		0.05	
.	Chlorothaloni	Change Effect																									0.001	
1861-32-1	Chlorthal-dimethy	Fall 2015			1	0.1		0.01	I							630	n	8200	n					120	n		0.15	
74115-24-5	Clofentezine	Fall 2015			1	0.1		0.013	I							820	n	11000	n					230	n		14	
1319-77-3	Cresols	Spring 2015			1	0.1		0.1	A	0.6	C					6300	n	82000	n	630	n	2600	n	1900	n		1.5	
1319-77-3	Cresols	Fall 2015			1	0.1		0.1	A	0.6	C					6300	n	82000	n	630	n	2600	n	1500	n		1.3	
.	Cresols	Change Effect																						-400			-0.2	
21725-46-2	Cyanazine	Spring 2015			1	0.1		0.002	H			0.84	H			0.65	c	2.7	c					0.087	c		0.000041	
21725-46-2	Cyanazine	Fall 2015			1	0.1		0.002	H			0.84	H			0.65	c	2.7	c					0.088	c		0.000041	
.	Cyanazine	Change Effect																						0.001				
68359-37-5	Cyfluthrin	Fall 2015			1	0.1		0.025	I							1600	n	21000	n					120	n		31	
68085-85-8	Cyhalothrin	Fall 2015			1	0.1		0.005	I							320	n	4100	n					100	n		68	
68085-85-8	Cyhalothrin/karate	Spring 2015			1	0.1		0.005	I							320	n	4100	n					100	n		68	
72-54-8	DDD	Spring 2015			1	0.1						0.24	I	0.000069	C	2.3	c	9.6	c	0.041	c	0.18	c	0.031	c		0.0072	
72-54-8	DDD	Fall 2015			1	0.1						0.24	I	0.000069	C	2.3	c	9.6	c	0.041	c	0.18	c	0.032	c		0.0075	
.	DDD	Change Effect																						0.001			0.0003	
1861-32-1	Dacthal	Spring 2015			1	0.1		0.01	I							630	n	8200	n					120	n		0.15	
1596-84-5	Daminozide	Fall 2015			1	0.1		0.15	I			0.018	C	0.0000051	C	30	c	130	c	0.55	c	2.4	c	4.3	c		0.00095	
8065-48-3	Demeton	Spring 2015			1	0.1		0.00004	I							2.5	n	33	n					0.67	n			
8065-48-3	Demeton	Fall 2015			1	0.1		0.00004	I							2.5	n	33	n					0.42	n			
.	Demeton	Change Effect																						-0.25				
2303-16-4	Diallate	Spring 2015			1	0.1						0.061	H			8.9	c	38	c					0.52	c		0.00078	
2303-16-4	Diallate	Fall 2015			1	0.1						0.061	H			8.9	c	38	c					0.54	c		0.0008	
.	Diallate	Change Effect																						0.02				
96-12-8	Dibromo-3-chloropropane, 1,2-	Spring 2015	V	M	1		979	0.0002	P	0.0002	I	0.8	P	0.006	P	0.0053	c	0.064	c	0.00017	c	0.002	c	0.0086	c*	0.2	0.0000037	0.000086
96-12-8	Dibromo-3-chloropropane, 1,2-	Fall 2015	V	M	1		979	0.0002	P	0.0002	I	0.8	P	0.006	P	0.0053	c	0.064	c	0.00017	c	0.002	c	0.00033	c	0.2	0.00000014	0.000086
.	Dibromo-3-chloropropane, 1,2-	Change Effect																						-0.00827	.X			
124-48-1	Dibromochloromethane	Spring 2015	V		1		802	0.02	I			0.084	I	0.000027	C	0.75	c	3.3	c	0.1	c	0.45	c	0.17	c	8.0E+01(F)	0.000045	0.021
124-48-1	Dibromochloromethane	Fall 2015	V		1		802	0.02	I			0.084	I			8.3	c	39	c					0.87	c	8.0E+01(F)	0.00023	0.021
.	Dibromochloromethane	Change Effect													X.	7.55		35.7			X.		X.	0.7			0.000185	
74-95-3	Dibromomethane (Methylene Bromide	Spring 2015	V		1		2820	0.01	H	0.004	X					23	n	98	n	4.2	n	18	n	8	n		0.002	
74-95-3	Dibromomethane (Methylene Bromide	Fall 2015	V		1		2820			0.004	X					24	n	99	n	4.2	n	18	n	8.3	n		0.0021	
.	Dibromomethane (Methylene Bromide	Change Effect							X.							1		1						0.3				
764-41-0	Dichloro-2-butene, 1,4-	Spring 2015	V		1		518							0.0042	P	0.0083	c	0.036	c	0.00067	c	0.0029	c	0.0013	c		0.00000062	
764-41-0	Dichloro-2-butene, 1,4-	Fall 2015	V		1		554							0.0042	P	0.0021	c	0.0094	c	0.00067	c	0.0029	c	0.0013	c		0.00000066	
.	Dichloro-2-butene, 1,4-	Change Effect					36									-0.0062		-0.0266										
91-94-1	Dichlorobenzidine, 3,3'	Spring 2015			1	0.1						0.45	I	0.00034	C	1.2	c	5.1	c	0.0083	c	0.036	c	0.12	c		0.00081	
91-94-1	Dichlorobenzidine, 3,3'	Fall 2015			1	0.1						0.45	I	0.00034	C	1.2	c	5.1	c	0.0083	c	0.036	c	0.13	c		0.00082	
.	Dichlorobenzidine, 3,3'	Change Effect																						0.01				
75-34-3	Dichloroethane, 1,1-	Spring 2015	V		1		1690	0.2	P			0.0057	C	0.0000016	C	3.6	c	16	c	1.8	c	7.7	c	2.7	c		0.00078	
75-34-3	Dichloroethane, 1,1-	Fall 2015	V		1		1690	0.2	P			0.0057	C	0.0000016	C	3.6	c	16	c	1.8	c	7.7	c	2.8	c		0.00078	
.	Dichloroethane, 1,1-	Change Effect																						0.1				
156-60-5	Dichloroethylene, 1,2-trans-	Spring 2015	V		1		1860	0.02	I							1600	n	23000	ns					360	n	100	0.11	0.031
156-60-5	Dichloroethylene, 1,2-trans-	Fall 2015	V		1		1850	0.02	I							1600	n	23000	ns					360	n	100	0.11	0.031
.	Dichloroethylene, 1,2-trans-	Change Effect					-10																					
141-66-2	Dicrotophos	Fall 2015			1	0.1		0.0001	I							6.3	n	82	n					2	n		0.00047	
77-73-6	Dicyclopentadiene	Spring 2015	V		1			0.08	P	0.0003	X					1.3	n	5.4	n	0.31	n	1.3	n	0.63	n		0.0022	
77-73-6	Dicyclopentadiene	Fall 2015	V		1		256	0.08	P	0.0003	X					1.3	n	5.4	n	0.31	n	1.3	n	0.63	n		0.0022	
.	Dicyclopentadiene	Change Effect																										
60-57-1	Dieldrin	Spring 2015			1	0.1		0.00005	I			16	I	0.0046	I	0.034	c*	0.14	c	0.00061	c	0.0027	c	0.0017	c		0.000069	
60-57-1	Dieldrin	Fall 2015			1	0.1		0.00005	I			16	I	0.0046	I	0.034	c*	0.14	c	0.00061	c	0.0027	c	0.0018	c		0.000071	
.	Dieldrin	Change Effect																						0.0001				
94-58-6	Dihydrosafrole	Spring 2015	V		1							0.044	C	0.000013	C	0.32	c	1.4	c	0.22	c	0.94	c	0.3	c		0.00037	
94-58-6	Dihydrosafrole	Fall 2015	V		1							0.044	C	0.000013	C	9.9	c	45	c	0.22	c	0.94	c	0.3	c		0.00019	
.	Dihydrosafrole	Change Effect														9.58		43.6									-0.00018	
60-11-7	Dimethylamino azobenzene [p-	Spring 2015			1	0.1						4.6	C	0.0013	C	0.12	c	0.5	c	0.0022	c	0.0094	c	0.0049	c		0.000021	
60-11-7	Dimethylamino azobenzene [p-	Fall 2015			1	0.1						4.6	C	0.0013	C	0.12	c	0.5	c	0.0022	c	0.0094	c	0.005	c		0.000021	
.	Dimethylamino azobenzene [p-	Change Effect																						0.0001				
57-14-7	Dimethylhydrazine, 1,1-	Spring 2015	V		1		172000	0.0001	X	0.000002	X					0.32	n	1.4	n	0.0021	n	0.0088	n	0.0042	n		0.00000093	
57-14-7	Dimethylhydrazine, 1,1-	Fall 2015	V		1		172000	0.0001	X	0.000002	X					0.057	n	0.24	n	0.0021	n	0.0088	n	0.0042	n		0.00000093	
.	Dimethylhydrazine, 1,1-	Change Effect														-0.263		-1.16										
513-37-1	Dimethylvinylchloride	Spring 2015	V		1		1090					0.045	C	0.000013	C	0.21	c	0.94	c	0.22	c	0.94	c	0.33	c		0.0002	
513-37-1	Dimethylvinylchloride	Fall 2015	V		1		1310					0.045	C	0.000013	C	0.2	c	0.89	c	0.22	c	0.94	c	0.33	c		0.00024	
.	Dimethylvinylchloride	Change Effect					220									-0.01		-0.05										
606-20-2	Dinitrotoluene, 2,6-	Spring 2015			1	0.1		0.0003	X			1.5	P			0.36	c*	1.5	c					0.048	c		0.000067	
606-20-2	Dinitrotoluene, 2,6-	Fall 2015			1	0.1		0.0003	X			1.5	P			0.36	c*	1.5	c					0.049	c		0.000067	
.	Dinitrotoluene, 2,6-	Change Effect																						0.001				
25321-14-6	Dinitrotoluene, Technical grade	Spring 2015			1	0.1		0.0009	X			0.45	X			1.2	c*	5.1	c					0.16	c		0.00022	
25321-14-6	Dinitrotoluene, Technical grade	Fall 2015			1	0.1		0.0009	X			0.45	X			1.2	c*	5.1	c					0.1	c		0.00014	
.	Dinitrotoluene, Technical grade	Change Effect																						-0.06				
122-66-7	Diphenylhydrazine, 1,2	Spring 2015			1	0.1						0.8	I	0.00022	I	0.68	c	2.9	c	0.013	c	0.056	c	0.077	c		0.00025	
122-66-7	Diphenylhydrazine, 1,2	Fall 2015			1	0.1						0.8	I	0.00022	I	0.68	c	2.9	c	0.013	c	0.056	c	0.078	c		0.00025	

CAS	Chemical	Type of Observation	v o l	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day)-1	k e y	IUR (ug/m3)-1	k e y_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)
.	Diphenylhydrazine, 1,2	Change Effect																						0.001				
111-77-3	Ethanol, 2-(2-methoxyethoxy)-	Fall 2015			1	0.1		0.04	P							2500	n	33000	n					800	n		0.16	
111-15-9	Ethoxyethanol Acetate, 2-	Spring 2015	V		1		31400	0.1	P	0.06	P					2600	n	14000	n	63	n	260	n	120	n		0.025	
111-15-9	Ethoxyethanol Acetate, 2-	Fall 2015	V		1		23800	0.1	P	0.06	P					2600	n	14000	n	63	n	260	n	120	n		0.025	
.	Ethoxyethanol Acetate, 2-	Change Effect					-7600																					
140-88-5	Ethyl Acrylate	Spring 2015	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	
140-88-5	Ethyl Acrylate	Fall 2015	V		1		2500	0.005	P	0.008	P					47	n	210	n	8.3	n	35	n	14	n		0.0032	
.	Ethyl Acrylate	Change Effect											X.			33	XXX.	142	XXX.					12.4	XXX.		0.00285	
97-63-2	Ethyl Methacrylate	Spring 2015	V		1		1100	0.09	H	0.3	P					1400	ns	7100	ns	310	n	1300	n	460	n		0.11	
97-63-2	Ethyl Methacrylate	Fall 2015	V		1		1100			0.3	P					1800	ns	7600	ns	310	n	1300	n	630	n		0.15	
.	Ethyl Methacrylate	Change Effect							X.							400		500						170			0.04	
101200-48-0	Express	Spring 2015			1	0.1		0.008	I							510	n	6600	n					160	n		0.061	
51630-58-1	Fenvalerate	Fall 2015			1	0.1		0.025	I							1600	n	21000	n					500	n		320	
85509-19-9	Flusilazole	Fall 2015			1	0.1		0.0007	I							44	n	570	n					11	n		1.8	
39148-24-8	Fosetyl-AL	Spring 2015			1	0.1		3	I							190000	nm	2500000	nm					60000	n			
39148-24-8	Fosetyl-AL	Fall 2015			1	0.1		3	I							190000	nm	2500000	nm					60000	n		790	
.	Fosetyl-AL	Change Effect																										
531-82-8	Furium	Spring 2015			1	0.1						1.5	C	0.00043	C	0.36	c	1.5	c	0.0065	c	0.029	c	0.05	c		0.000068	
531-82-8	Furium	Fall 2015			1	0.1						1.5	C	0.00043	C	0.36	c	1.5	c	0.0065	c	0.029	c	0.051	c		0.000068	
.	Furium	Change Effect																						0.001				
765-34-4	Glycidyl	Spring 2015	V		1		106000	0.0004	I	0.001	H					22	n	190	n	1	n	4.4	n	1.7	n		0.00033	
765-34-4	Glycidyl	Fall 2015	V		1		106000	0.0004	I	0.001	H					23	n	210	n	1	n	4.4	n	1.7	n		0.00033	
.	Glycidyl	Change Effect														1		20										
42874-03-3	Goal	Spring 2015			1	0.1		0.003	I							190	n	2500	n					32	n		2.5	
86-50-0	Guthion	Spring 2015			1	0.1		0.003	A	0.01	A					190	n	2500	n	10	n	44	n	56	n		0.017	
79277-27-3	Harmony	Spring 2015			1	0.1		0.013	I							820	n	11000	n					260	n		0.078	
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane	Spring 2015			1	0.04		0.0003	I			1.1	C	0.00031	C	0.57	c*	2.5	c	0.0091	c	0.04	c	0.041	c*	0.2	0.00024	0.0012
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane	Fall 2015			1	0.04		0.0003	I			1.1	C	0.00031	C	0.57	c*	2.5	c	0.0091	c	0.04	c	0.042	c*	0.2	0.00024	0.0012
.	Hexachlorocyclohexane, Gamma- (Lindane	Change Effect																						0.001				
822-06-0	Hexamethylene Diisocyanate, 1,6	Spring 2015	V		1		5190			0.00001	I					3.1	n	13	n	0.01	n	0.044	n	0.021	n		0.00021	
822-06-0	Hexamethylene Diisocyanate, 1,6	Fall 2015	V		1		3390			0.00001	I					3.1	n	13	n	0.01	n	0.044	n	0.021	n		0.00021	
.	Hexamethylene Diisocyanate, 1,6	Change Effect					-1800																					
110-54-3	Hexane, N-	Spring 2015	V		1		141	0.06	H	0.7	I					540	ns	2500	ns	730	n	3100	n	320	n		2.3	
110-54-3	Hexane, N-	Fall 2015	V		1		141			0.7	I					610	ns	2500	ns	730	n	3100	n	1500	n		10	
.	Hexane, N-	Change Effect							X.							70								1180			7.7	
78587-05-0	Hexythiazox	Fall 2015			1	0.1		0.025	I							1600	n	21000	n					110	n		0.5	
67485-29-4	Hydramethylnon	Fall 2015			1	0.1		0.0003	I							19	n	250	n					5.9	n		2100	
81335-77-5	Imazethapyr	Fall 2015			1	0.1		0.25	I							16000	n	210000	nm					4700	n		4.1	
23950-58-5	Kerb	Spring 2015			1	0.1		0.075	I							4700	n	62000	n					1200	n		1.2	
541-25-3	Lewisite	Fall 2015	V		1		383	0.000005	P							0.39	n	5.8	n					0.09	n		0.000038	
83055-99-6	Londax	Spring 2015			1	0.1		0.2	I							13000	n	160000	nm					3900	n		1	
93-65-2	MCPP	Spring 2015			1	0.1		0.001	I							63	n	820	n					16	n		0.0046	
93-65-2	MCPP	Fall 2015			1	0.1		0.001	I							63	n	820	n					16	n		0.0047	
.	MCPP	Change Effect																									0.0001	
8018-01-7	Mancozeb	Spring 2015			1	0.1		0.03	H							1900	n	25000	n					540	n			
8018-01-7	Mancozeb	Fall 2015			1	0.1		0.03	H							1900	n	25000	n					540	n		0.76	
.	Mancozeb	Change Effect																										
96-33-3	Methyl Acrylate	Spring 2015	V		1		6750	0.03	H	0.02	P					140	n	600	n	21	n	88	n	39	n		0.0083	
96-33-3	Methyl Acrylate	Fall 2015	V		1		6750			0.02	P					150	n	610	n	21	n	88	n	42	n		0.0089	
.	Methyl Acrylate	Change Effect							X.							10		10						3			0.0006	
60-34-4	Methyl Hydrazine	Spring 2015	V		1		180000	0.001	P	0.00002	X			0.001	X	0.44	c**	1.9	c**	0.0028	c**	0.012	c**	0.0056	c**		0.0000013	
60-34-4	Methyl Hydrazine	Fall 2015	V		1		180000	0.001	P	0.00002	X			0.001	X	0.14	c**	0.62	c**	0.0028	c**	0.012	c**	0.0056	c**		0.0000013	
.	Methyl Hydrazine	Change Effect														-0.3		-1.28										
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone	Spring 2015	V		1		3360	0.08	H	3	I					5300	ns	56000	ns	3100	n	13000	n	1200	n		0.28	
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone	Fall 2015	V		1		3360			3	I					33000	ns	140000	nms	3100	n	13000	n	6300	n		1.4	
.	Methyl Isobutyl Ketone (4-methyl-2-pentanone	Change Effect							X.							27700		84000	.XX.					5100			1.12	
624-83-9	Methyl Isocyanate	Spring 2015	V		1		16700			0.001	C					4.6	n	19	n	1	n	4.4	n	2.1	n		0.00059	
624-83-9	Methyl Isocyanate	Fall 2015	V		1		10100			0.001	C					4.6	n	19	n	1	n	4.4	n	2.1	n		0.00059	
.	Methyl Isocyanate	Change Effect					-6600																					
25013-15-4	Methyl Styrene (Mixed Isomers)	Spring 2015	V		1		393	0.006	H	0.04	H					240	n	1600	ns	42	n	180	n	38	n		0.062	
25013-15-4	Methyl Styrene (Mixed Isomers)	Fall 2015	V		1		393	0.006	H	0.04	H					320	n	2600	ns	42	n	180	n	23	n		0.038	
.	Methyl Styrene (Mixed Isomers)	Change Effect														80		1000						-15			-0.024	
99-55-8	Methyl-5-Nitroaniline, 2-	Spring 2015			1	0.1		0.02	X			0.009	P			60	c*	260	c*					8.1	c*		0.0045	
99-55-8	Methyl-5-Nitroaniline, 2-	Fall 2015			1	0.1		0.02	X			0.009	P			60	c*	260	c*					8.2	c*		0.0046	
.	Methyl-5-Nitroaniline, 2-	Change Effect																						0.1			0.0001	
75-09-2	Methylene Chloride	Spring 2015	V	M	1		3320	0.006	I	0.6	I	0.002	I	0.00000001	I	57	c**	1000	c**	100	c**	1200	c**	12	c**	5	0.0031	0.0013
75-09-2	Methylene Chloride	Fall 2015	V	M	1		3320	0.006	I	0.6	I	0.002	I	0.00000001	I	57	c**	1000	c**	100	c**	1200	c**	11	c**	5	0.0029	0.0013
.	Methylene Chloride	Change Effect																						-1			-0.0002	
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'	Spring 2015			1	0.1						0.046	I	0.000013	C	12	c	50	c	0.22	c	0.94	c	0.46	c		0.0026	
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'	Fall 2015			1	0.1						0.046	I	0.000013	C	12	c	50	c	0.22	c	0.94	c	0.48	c		0.0026	
.	Methylene-bis(N,N-dimethyl) Aniline, 4,4'	Change Effect																						0.02				
74223-64-6	Metsulfuron-methy	Fall 2015			1	0.1		0.25	I							16000	n	210000	nm					4900	n		1.9	
88671-89-0	Myclobutanil	Fall 2015			1	0.1		0.025	I							1600	n	21000	n					450	n		5.6	
62-75-9	Nitrosodimethylamine, N	Spring 2015	V	M	1		237000	0.000008	P	0.00004	X	51	I	0.014	I	0.002	c	0.034	c	0.000072	c	0.00088	c	0.00045	c		0.00000011	

CAS	Chemical	Type of Observation	v o l	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day)-1	k e y	IUR (ug/m3)-1	k e y_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)
62-75-9	Nitrosodimethylamine, N	Fall 2015	V	M	1		237000	0.000008	P	0.00004	X	51	I	0.014	I	0.002	c	0.034	c	0.000072	c	0.00088	c	0.00011	c		0.000000027	
.	Nitrosodimethylamine, N	Change Effect																						-0.00034				
86-30-6	Nitrosodiphenylamine, N	Spring 2015			1	0.1						0.0049	I	0.0000026	C	110	c	470	c	1.1	c	4.7	c	12	c		0.066	
86-30-6	Nitrosodiphenylamine, N	Fall 2015			1	0.1						0.0049	I	0.0000026	C	110	c	470	c	1.1	c	4.7	c	12	c		0.067	
.	Nitrosodiphenylamine, N	Change Effect																									0.001	
99-99-0	Nitrotoluene, p-	Spring 2015			1	0.1		0.004	P			0.016	P			34	c**	140	c*					4.2	c*		0.0039	
99-99-0	Nitrotoluene, p-	Fall 2015			1	0.1		0.004	P			0.016	P			34	c**	140	c*					4.3	c*		0.004	
.	Nitrotoluene, p-	Change Effect																						0.1			0.0001	
85509-19-9	Nustar	Spring 2015			1	0.1		0.0007	I							44	n	570	n					11	n		1.8	
42874-03-3	Oxyfluorfen	Fall 2015			1	0.1		0.003	I							190	n	2500	n					32	n		2.5	
32534-81-9	Pentabromodiphenyl Ethe	Spring 2015			1	0.1		0.002	I							130	n	1600	n					40	n		1.7	
32534-81-9	Pentabromodiphenyl Ethe	Fall 2015	V		1		0.312	0.002	I							160	ns	2300	ns					40	n		1.7	
.	Pentabromodiphenyl Ethe	Change Effect	X.													30	.X	700	.X									
76-01-7	Pentachloroethane	Spring 2015	V		1		447					0.09	P			7.7	c	36	c					0.64	c		0.00031	
76-01-7	Pentachloroethane	Fall 2015	V		1		457					0.09	P			7.7	c	36	c					0.65	c		0.00031	
.	Pentachloroethane	Change Effect					10																	0.01				
82-68-8	Pentachloronitrobenzene	Spring 2015	V		1			0.003	I			0.26	H			2.7	c*	13	c					0.12	c		0.0014	
82-68-8	Pentachloronitrobenzene	Fall 2015	V		1			0.003	I			0.26	H			2.7	c*	13	c					0.12	c		0.0015	
.	Pentachloronitrobenzene	Change Effect																									0.0001	
87-86-5	Pentachlorophenol	Spring 2015			1	0.25		0.005	I			0.4	I	0.0000051	C	1	c	4	c	0.55	c	2.4	c	0.04	c	1	0.0004	0.01
87-86-5	Pentachlorophenol	Fall 2015			1	0.25		0.005	I			0.4	I	0.0000051	C	1	c	4	c	0.55	c	2.4	c	0.041	c	1	0.00042	0.01
.	Pentachlorophenol	Change Effect																						0.001				
90-43-7	Phenylphenol, 2-	Spring 2015			1	0.1						0.0019	H			280	c	1200	c					30	c		0.4	
90-43-7	Phenylphenol, 2-	Fall 2015			1	0.1						0.0019	H			280	c	1200	c					30	c		0.41	
.	Phenylphenol, 2-	Change Effect																									0.01	
88-89-1	Picric Acid (2,4,6-Trinitrophenol)	Fall 2015			1	0.1		0.0009	X							57	n	740	n					18	n		0.084	
67747-09-5	Prochloraz	Spring 2015			1	0.1		0.009	I			0.15	I			3.6	c	15	c					0.37	c		0.0019	
67747-09-5	Prochloraz	Fall 2015			1	0.1		0.009	I			0.15	I			3.6	c	15	c					0.38	c		0.0019	
.	Prochloraz	Change Effect																						0.01				
114-26-1	Propanediol, 1,2-	Fall 2015			1	0.1		0.004	I							250	n	3300	n					78	n		0.025	
1569-02-4	Propylene Glycol Monoethyl Ether	Spring 2015	V		1		85200	0.7	H							55000	n	820000	nms					14000	n		2.8	
23950-58-5	Propyzamide	Fall 2015			1	0.1		0.075	I							4700	n	62000	n					1200	n		1.2	
81335-77-5	Pursuit	Spring 2015			1	0.1		0.25	I							16000	n	210000	nm					4700	n		4.1	
51630-58-1	Pydrin	Spring 2015			1	0.1		0.025	I							1600	n	21000	n					500	n		320	
76578-14-8	Quizalofop-ethy	Fall 2015			1	0.1		0.009	I							570	n	7400	n					120	n		1.9	
94-59-7	Safrole	Spring 2015		M	1	0.1						0.22	C	0.000063	C	0.55	c	10	c	0.016	c	0.19	c	0.095	c		0.000059	
94-59-7	Safrole	Fall 2015		M	1	0.1						0.22	C	0.000063	C	0.55	c	10	c	0.016	c	0.19	c	0.096	c		0.000059	
.	Safrole	Change Effect																						0.001				
78587-05-0	Savey	Spring 2015			1	0.1		0.025	I							1600	n	21000	n					110	n		0.5	
13472-45-2	Sodium Tungstate	Fall 2015			1			0.0008	P							63	n	930	n					16	n			
10213-10-2	Sodium Tungstate Dihydrate	Fall 2015			1			0.0008	P							63	n	930	n					16	n			
961-11-5	Stirofos (Tetrachlorovinphos)	Spring 2015			1	0.1		0.03	I			0.024	H			23	c*	96	c					2.8	c		0.0081	
961-11-5	Stirofos (Tetrachlorovinphos)	Fall 2015			1	0.1		0.03	I			0.024	H			23	c*	96	c					2.8	c		0.0082	
.	Stirofos (Tetrachlorovinphos)	Change Effect																									0.0001	
140-57-8	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-met	Fall 2015			1	0.1		0.05	H			0.025	I	0.0000071	I	22	c	92	c	0.4	c	1.7	c	1.3	c		0.015	
88671-89-0	Systhane	Spring 2015			1	0.1		0.025	I							1600	n	21000	n					450	n		5.6	
811-97-2	Tetrafluoroethane, 1,1,1,2-	Spring 2015	V		1		1090			80	I					100000	nms	430000	nms	83000	n	350000	n	170000	n		93	
811-97-2	Tetrafluoroethane, 1,1,1,2-	Fall 2015	V		1		2050			80	I					100000	nms	430000	nms	83000	n	350000	n	170000	n		93	
.	Tetrafluoroethane, 1,1,1,2-	Change Effect					960																					
563-68-8	Thallium Acetate	Spring 2015	V		1	0.1		0.000006	X							0.38	n	4.9	n					0.12	n			
563-68-8	Thallium Acetate	Fall 2015	V		1			0.000006	X							0.47	n	7	n					0.12	n			
.	Thallium Acetate	Change Effect														0.09		2.1										
6533-73-9	Thallium Carbonate	Spring 2015			1	0.1		0.00002	X							1.3	n	16	n					0.4	n			
6533-73-9	Thallium Carbonate	Fall 2015	V		1			0.00002	X							1.6	n	23	n					0.4	n			
.	Thallium Carbonate	Change Effect	X.													0.3		7										
79277-27-3	Thifensulfuron-methy	Fall 2015			1	0.1		0.013	I							820	n	11000	n					260	n		0.078	
8001-35-2	Toxaphene	Spring 2015			1	0.1						1.1	I	0.00032	I	0.49	c	2.1	c	0.0088	c	0.038	c	0.015	c	3	0.0024	0.46
8001-35-2	Toxaphene	Fall 2015			1	0.1						1.1	I	0.00032	I	0.49	c	2.1	c	0.0088	c	0.038	c	0.071	c	3	0.011	0.46
.	Toxaphene	Change Effect																						0.056			0.0086	
43121-43-3	Triadimefon	Fall 2015			1	0.1		0.03	I							1900	n	25000	n					550	n		0.44	
101200-48-0	Tribenuron-methy	Fall 2015			1	0.1		0.008	I							510	n	6600	n					160	n		0.061	
126-73-8	Tributyl Phosphate	Spring 2015			1	0.1		0.01	P			0.009	P			60	c*	260	c*					5.1	c*		0.025	
126-73-8	Tributyl Phosphate	Fall 2015			1	0.1		0.01	P			0.009	P			60	c*	260	c*					5.2	c*		0.025	
.	Tributyl Phosphate	Change Effect																						0.1				
120-82-1	Trichlorobenzene, 1,2,4-	Spring 2015	V		1		404	0.01	I	0.002	P	0.029	P			24	c**	110	c**	2.1	n	8.8	n	1.1	c**	70	0.0033	0.2
120-82-1	Trichlorobenzene, 1,2,4-	Fall 2015	V		1		404	0.01	I	0.002	P	0.029	P			24	c**	110	c**	2.1	n	8.8	n	1.2	c**	70	0.0034	0.2
.	Trichlorobenzene, 1,2,4-	Change Effect																						0.1				
75-69-4	Trichlorofluoromethane	Spring 2015	V		1		1230	0.3	I	0.7	H					730	n	3100	ns	730	n	3100	n	1100	n		0.73	
75-69-4	Trichlorofluoromethane	Fall 2015	V		1		1230	0.3	I							23000	ns	350000	nms					5200	n		3.3	
.	Trichlorofluoromethane	Change Effect									X.					22270	.X	346900	.XX.		X.		X.	4100			2.57	
88-06-2	Trichlorophenol, 2,4,6-	Spring 2015			1	0.1		0.001	P			0.011	I	0.0000031	I	49	c**	210	c**	0.91	c	4	c	4	c**		0.015	
88-06-2	Trichlorophenol, 2,4,6-	Fall 2015			1	0.1		0.001	P			0.011	I	0.0000031	I	49	c**	210	c**	0.91	c	4	c	4.1	c**		0.015	
.	Trichlorophenol, 2,4,6-	Change Effect																						0.1				

CAS	Chemical	Type of Observation	v o l	muta-gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y_2	RfCi (mg/m3)	k e y_3	SFO (mg/kg-day)-1	k e y	IUR (ug/m3)-1	k e y_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)
93-76-5	Trichlorophenoxyacetic Acid, 2,4,5-	Spring 2015			1	0.1		0.01	I							630	n	8200	n					160	n		0.067	
93-76-5	Trichlorophenoxyacetic Acid, 2,4,5-	Fall 2015			1	0.1		0.01	I							630	n	8200	n					160	n		0.068	
.	Trichlorophenoxyacetic Acid, 2,4,5-	Change Effect																									0.001	
96-19-5	Trichloropropene, 1,2,3-	Spring 2015	V		1		451	0.003	X	0.0003	P					0.73	n	3.1	n	0.31	n	1.3	n	0.62	n		0.00031	
96-19-5	Trichloropropene, 1,2,3-	Fall 2015	V		1		311	0.003	X	0.0003	P					0.73	n	3.1	n	0.31	n	1.3	n	0.62	n		0.00031	
.	Trichloropropene, 1,2,3-	Change Effect					-140																					
420-46-2	Trifluoroethane, 1,1,1-	Fall 2015	V		1		4810			20	P					15000	ns	62000	ns	21000	n	88000	n	42000	n		130	
1582-09-8	Trifluralin	Spring 2015	V		1			0.0075	I			0.0077	I			90	c**	420	c*					2.5	c*		0.082	
1582-09-8	Trifluralin	Fall 2015	V		1			0.0075	I			0.0077	I			90	c**	420	c*					2.6	c*		0.084	
.	Trifluralin	Change Effect																						0.1			0.002	
25167-70-8	Trimethylpentene, 2,4,4-	Fall 2015	V		1		29.6	0.01	X							780	ns	12000	ns					65	n		0.22	
7440-33-7	Tungsten	Fall 2015			1			0.0008	P							63	n	930	n					16	n		2.4	
593-60-2	Vinyl Bromide	Spring 2015	V		1		3370			0.003	I			0.000032	H	0.12	c*	0.52	c*	0.088	c*	0.38	c*	0.18	c*		0.000051	
593-60-2	Vinyl Bromide	Fall 2015	V		1		2470			0.003	I			0.000032	H	0.12	c*	0.52	c*	0.088	c*	0.38	c*	0.18	c*		0.000051	
.	Vinyl Bromide	Change Effect					-900																					
1330-20-7	Xylenes	Spring 2015	V		1		258	0.2	I	0.1	I					650	ns	2800	ns	100	n	440	n	190	n	10000	0.19	9.8
1330-20-7	Xylenes	Fall 2015	V		1		260	0.2	I	0.1	I					580	ns	2500	ns	100	n	440	n	190	n	10000	0.19	9.9
.	Xylenes	Change Effect					2									-70		-300										0.1
11104-28-2	~Aroclor 1221	Spring 2015	V		1	0.14						2	S	0.00057	S	0.17	c	0.72	c	0.0049	c	0.021	c	0.0046	c		0.000079	
11104-28-2	~Aroclor 1221	Fall 2015	V		1	0.14						2	S	0.00057	S	0.2	c	0.83	c	0.0049	c	0.021	c	0.0047	c		0.00008	
.	~Aroclor 1221	Change Effect														0.03		0.11						0.0001				
11141-16-5	~Aroclor 1232	Spring 2015	V		1	0.14						2	S	0.00057	S	0.17	c	0.72	c	0.0049	c	0.021	c	0.0046	c		0.000079	
11141-16-5	~Aroclor 1232	Fall 2015	V		1	0.14						2	S	0.00057	S	0.17	c	0.72	c	0.0049	c	0.021	c	0.0047	c		0.00008	
.	~Aroclor 1232	Change Effect																						0.0001				
53469-21-9	~Aroclor 1242	Spring 2015	V		1	0.14						2	S	0.00057	S	0.23	c	0.97	c	0.0049	c	0.021	c	0.0078	c		0.0012	
53469-21-9	~Aroclor 1242	Fall 2015	V		1	0.14						2	S	0.00057	S	0.23	c	0.95	c	0.0049	c	0.021	c	0.0078	c		0.0012	
.	~Aroclor 1242	Change Effect																-0.02										
12672-29-6	~Aroclor 1248	Spring 2015	V		1	0.14						2	S	0.00057	S	0.23	c	0.94	c	0.0049	c	0.021	c	0.0078	c		0.0012	
12672-29-6	~Aroclor 1248	Fall 2015	V		1	0.14						2	S	0.00057	S	0.23	c	0.95	c	0.0049	c	0.021	c	0.0078	c		0.0012	
.	~Aroclor 1248	Change Effect																0.01										
56-55-3	~Benz[a]anthracene	Spring 2015	V	M	1	0.13						0.73	E	0.00011	C	0.16	c	2.9	c	0.0092	c	0.11	c	0.033	c		0.012	
56-55-3	~Benz[a]anthracene	Fall 2015	V	M	1	0.13						0.73	E	0.00011	C	0.16	c	2.9	c	0.0092	c	0.11	c	0.012	c		0.0042	
.	~Benz[a]anthracene	Change Effect																						-0.021			-0.0078	
85-70-1	~Butylphthalyl Butylglycolate	Spring 2015			1	0.1		1	I							63000	n	820000	nm					13000	n		300	
85-70-1	~Butylphthalyl Butylglycolate	Fall 2015			1	0.1		1	I							63000	n	820000	nm					13000	n		310	
.	~Butylphthalyl Butylglycolate	Change Effect																									10	
91-58-7	~Chloronaphthalene, Beta-	Spring 2015	V		1	0.13		0.08	I							4800	n	60000	n					750	n		3.8	
91-58-7	~Chloronaphthalene, Beta-	Fall 2015	V		1	0.13		0.08	I							4800	n	60000	n					750	n		3.9	
.	~Chloronaphthalene, Beta-	Change Effect																									0.1	
39635-31-9	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Spring 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.51	c*	0.0025	c	0.011	c	0.004	c		0.0028	
39635-31-9	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Fall 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.13	c*	0.52	c*	0.0025	c	0.011	c	0.004	c		0.0028	
.	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	Change Effect														0.01		0.01										
52663-72-6	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Spring 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.51	c*	0.0025	c	0.011	c	0.004	c		0.0017	
52663-72-6	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Fall 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.52	c*	0.0025	c	0.011	c	0.004	c		0.0017	
.	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	Change Effect																0.01										
7439-92-1	~Lead and Compounds	Spring 2015			1											400		800	L	0.15	L			15	L	15		14
7439-92-1	~Lead and Compounds	Fall 2015			1											400	L	800	L	0.15	L			15	L	15		14
.	~Lead and Compounds	Change Effect															X.											
7439-97-6	~Mercury (elemental)	Spring 2015	V		1		3.13			0.0003	I					9.4	ns	40	ns	0.31	n	1.3	n	0.63	n	2	0.033	0.1
7439-97-6	~Mercury (elemental)	Fall 2015	V		1		3.13			0.0003	I					11	ns	46	ns	0.31	n	1.3	n	0.63	n	2	0.033	0.1
.	~Mercury (elemental)	Change Effect														1.6		6										
90-12-0	~Methylnaphthalene, 1-	Spring 2015	V		1	0.13		0.07	A			0.029	P			18	c	73	c					1.1	c		0.0058	
90-12-0	~Methylnaphthalene, 1-	Fall 2015	V		1	0.13	394	0.07	A			0.029	P			18	c	73	c					1.1	c		0.006	
.	~Methylnaphthalene, 1-	Change Effect																									0.0002	
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Spring 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.5	c*	0.0025	c	0.011	c	0.004	c		0.001	
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Fall 2015	V		1	0.14		0.000023	E	0.0013	E	3.9	E	0.0011	E	0.12	c*	0.51	c*	0.0025	c	0.011	c	0.004	c		0.001	
.	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	Change Effect																0.01										
1336-36-3	~Polychlorinated Biphenyls (high risk	Spring 2015	V		1	0.14						2	I	0.00057	I	0.23	c	0.97	c	0.0049	c	0.021	c					
1336-36-3	~Polychlorinated Biphenyls (high risk	Fall 2015	V		1	0.14						2	I	0.00057	I	0.23	c	0.94	c	0.0049	c	0.021	c					
.	~Polychlorinated Biphenyls (high risk	Change Effect																-0.03										