CAS	Chemical	Type of Observation	v o c	mutagen	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)
75-85-4	Amyl Alcohol, tert-	Fall NOV2013	V		1		13700			0.003	X					8.8	n	37	n	0.31	n	1.3	n	0.63	n		0.00013	
7440-38-2	Arsenic, Inorganic	Spring MAY2013			1	0.03		0.0003	I	1.5E-05	C	1.5	I	0.0043	I	0.61	c*R	2.4	c*R	0.00057	c**	0.0029	c**	0.045	c*	10	0.0013	0.29
7440-38-2	Arsenic, Inorganic	Fall NOV2013			1	0.03		0.0003	I	1.5E-05	C	1.5	I	0.0043	I	0.61	c**R	2.4	c*R	0.00057	c**	0.0029	c**	0.045	c*	10	0.0013	0.29
.	Arsenic, Inorganic	Change Effect															XX.											
92-52-4	Biphenyl, 1,1'-	Spring MAY2013	V		1			0.05	I	0.0004	X	0.008	X			5.1	n	21	n	0.042	n	0.18	n	0.083	n		0.00087	
92-52-4	Biphenyl, 1,1'-	Fall NOV2013	V		1			0.5	I	0.0004	X	0.008	I			5.1	n	21	n	0.042	n	0.18	n	0.083	n		0.00087	
.	Biphenyl, 1,1'-	Change Effect						0.45					X.				.											
128-37-0	Butylated hydroxytoluene	Fall NOV2013			1	0.1		0.3	P			0.0036	P			140	c*	480	c*					2.9	c*		0.086	
105-60-2	Caprolactam	Spring MAY2013			1	0.1		0.5	I							3100	n	31000	n					770	n		0.19	
105-60-2	Caprolactam	Fall NOV2013			1	0.1		0.5	I	0.0022	C					3000	n	30000	n	0.23	n	0.96	n	770	n		0.19	
.	Caprolactam	Change Effect									X.					-100	.	-1000			X.		X.					
132-65-0	Dibenzothiophene	Fall NOV2013	V		1			0.01	X							78	n	1000	n					4.8	n		0.088	
119-90-4	Dimethoxybenzidine, 3,3'-	Spring MAY2013			1	0.1						0.014	H			35	c	120	c					4.7	c		0.0057	
119-90-4	Dimethoxybenzidine, 3,3'-	Fall NOV2013			1	0.1						1.6	P			0.3	c	1.1	c					0.041	c		0.00005	
.	Dimethoxybenzidine, 3,3'-	Change Effect										1.586	X.			-34.7	.	-118.9						-4.659			-0.00565	
25321-14-6	Dinitrotoluene, Technical grade	Spring MAY2013			1	0.1		0.0009	X			0.45	X			1.1	c*	3.8	c*					0.14	c*		0.00019	
25321-14-6	Dinitrotoluene, Technical grade	Fall NOV2013			1	0.1		0.0009	X			0.45	X			1.1	c**	3.8	c*					0.14	c**		0.00019	
.	Dinitrotoluene, Technical grade	Change Effect															X								X.			
123-91-1	Dioxane, 1,4-	Spring MAY2013			1	0.1		0.03	I	0.11	A	0.1	I	0.0000077	C	4.9	c*	17	c	0.32	c*	1.6	c*	0.67	c*		0.00014	
123-91-1	Dioxane, 1,4-	Fall NOV2013			1	0.1		0.03	I	0.03	I	0.1	I	0.000005	I	4.9	c*	17	c	0.49	c**	2.5	c**	0.67	c*		0.00014	
.	Dioxane, 1,4-	Change Effect								-0.08	X.				X.		.			0.17	X.	0.9	X.					
110-80-5	Ethoxyethanol, 2-	Spring MAY2013			1	0.1		0.4	H	0.2	I					2400	n	25000	n	21	n	88	n	620	n		0.13	
110-80-5	Ethoxyethanol, 2-	Fall NOV2013			1	0.1		0.09	P	0.2	I					550	n	5500	n	21	n	88	n	140	n		0.028	
.	Ethoxyethanol, 2-	Change Effect						-0.31	X.							-1850	.	-19500						-480			-0.102	
141-78-6	Ethyl Acetate	Spring MAY2013	V		1		10800	0.9	I							7000	n	92000	ns					1400	n		0.29	
141-78-6	Ethyl Acetate	Fall NOV2013	V		1		10800	0.9	I	0.07	P					67	n	280	n	7.3	n	31	n	14	n		0.0031	
.	Ethyl Acetate	Change Effect									X.					-6933	.	-91720	.X		X.		X.	-1386			-0.2869	
75-00-3	Ethyl Chloride	Spring MAY2013	V		1		2120			10	I					1500	n	6100	ns	1000	n	4400	n	2100	n		0.59	
75-00-3	Ethyl Chloride (Chloroethane)	Fall NOV2013	V		1		2120			10	I					1500	n	6100	ns	1000	n	4400	n	2100	n		0.59	
67-56-1	Methanol	Spring MAY2013			1	0.1		0.5	I	4	C					3100	n	31000	n	420	n	1800	n	780	n		0.16	
67-56-1	Methanol	Fall NOV2013			1	0.1		2	I	20	I					12000	n	120000	nm	2100	n	8800	n	3100	n		0.63	
.	Methanol	Change Effect						1.5		16	X.					8900	.	89000	.X	1680		7000		2320			0.47	
75-52-5	Nitromethane	Spring MAY2013	V		1		18000			0.02	P			0.000009	P	4.9	c**	25	c**	0.27	c**	1.4	c**	0.54	c**		0.00012	
75-52-5	Nitromethane	Fall NOV2013	V		1		18000			0.005	P			0.0000088	P	5	c**	25	c**	0.28	c**	1.4	c**	0.55	c**		0.00012	
.	Nitromethane	Change Effect								-0.015						0.1	.			0.01				0.01				
111-84-2	Nonane, n-	Spring MAY2013	V		1		6.86	0.0003	X	0.2	P					2.1	n	23	ns	21	n	88	n	0.46	n		0.0066	
111-84-2	Nonane, n-	Fall NOV2013	V		1		6.86	0.0003	X	0.02	P					1.2	n	7.4	ns	2.1	n	8.8	n	0.42	n		0.006	
.	Nonane, n-	Change Effect								-0.18						-0.9	.	-15.6		-18.9		-79.2		-0.04			-0.0006	
2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	Spring MAY2013			1	0.01		0.05	I							380	n	4900	n					78	n		0.099	
2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	Fall NOV2013			1	0.01		0.05	I							380	n	4900	n					78	n		0.099	
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Spring MAY2013			1	0.1		0.004	P							24	n	250	n					6.1	n		0.058	
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	Fall NOV2013			1	0.1		0.002	P							12	n	120	n					3.1	n		0.029	
.	Tetryl (Trinitrophenylmethylnitramine)	Change Effect						-0.002								-12	.	-130						-3			-0.029	
NA	Total Petroleum Hydrocarbons (Aliphatic High)	Fall NOV2013			1	0.1		3	P							18000	n	180000	nm					4700	n		190	
NA	Total Petroleum Hydrocarbons (Aliphatic Low)	Fall NOV2013	V		1		141			0.6	P			1.9E-07	P	11	c**	58	c**	13	c**	65	c**	26	c**		0.18	
NA	Total Petroleum Hydrocarbons (Aliphatic Medium)	Fall NOV2013	V		1		6.86	0.01	P	0.1	P			0.0000045	P	0.61	c*	3.1	c*	0.54	c*	2.7	c*	1.1	c**		0.015	
NA	Total Petroleum Hydrocarbons (Aromatic High)	Fall NOV2013			1	0.1		0.04	P			7.3	P			0.067	c	0.24	c					0.0092	c		0.001	
NA	Total Petroleum Hydrocarbons (Aromatic Low)	Fall NOV2013	V		1		1820	0.004	P	0.03	P	0.055	P	0.0000078	P	1.1	c**	5.4	c**	0.31	c*	1.6	c**	0.39	c**		0.0002	
NA	Total Petroleum Hydrocarbons (Aromatic Medium)	Fall NOV2013	V		1			0.004	P	0.003	P					11	n	63	n	0.31	n	1.3	n	0.52	n		0.0022	