

CAS	Chemical	Type of Observation	v o l	muta- gen	GIABS	ABS	Csat (mg/kg)	RfDo (mg/kg-day)	k e y	RfCi (mg/m3)	k e y	SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m3) ⁻¹	k e y	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)					
492-80-8	Auramine	Spring 2019			1.00E+00	1.00E-01						8.80E-01	C	2.50E-04	C	6.20E-01	c	2.60E+00	c	1.10E-02	c	4.90E-02	c	6.70E-02	c	6.10E-04	c	
492-80-8	Auramine	Fall 2019			1.00E+00	1.00E-01						8.80E-01	C	2.50E-04	C	6.20E-01	c	2.60E+00	c	1.10E-02	c	4.90E-02	c	7.80E-02	c	7.10E-04	c	
.....	Auramine	Change Effect																					1.00E-02	...	1.00E-04	...		
104-76-7	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Spring 2019	V		1.00E+00			7.00E-02	P	4.00E-04	P	9.50E-03	P			7.30E+01	c*	3.40E+02	c	4.20E-01	n	1.80E+00	n	8.30E-01	n			
104-76-7	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Fall 2019	V		1.00E+00		650	7.00E-02	P	4.00E-04	P	9.50E-03	P			2.30E+01	n	9.70E+01	n	4.20E-01	n	1.80E+00	n	8.30E-01	n	3.40E-04	n	
.....	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Change Effect														-5.00E+01	XX	-2.40E+02	X..								X..	
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Spring 2019			1.00E+00	1.00E-01						4.60E-02	I	1.30E-05	C	1.20E+01	c	5.00E+01	c	2.20E-01	c	9.40E-01	c	4.80E-01	c	2.60E-03	c	
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Fall 2019			1.00E+00	1.00E-01						4.60E-02	I	1.30E-05	C	1.20E+01	c	5.00E+01	c	2.20E-01	c	9.40E-01	c	7.00E-01	c	3.90E-03	c	
.....	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Change Effect																					2.20E-01	...	1.30E-03	...		
79-46-9	Nitropropane, 2-	Spring 2019	V		1.00E+00		4900			2.00E-02	I			2.70E-03	H	1.40E-02	c	6.00E-02	c	1.00E-03	c	4.50E-03	c	2.10E-03	c	5.40E-07	c	
79-46-9	Nitropropane, 2-	Fall 2019	V		1.00E+00		4900			2.00E-02	I			5.80E-04	X	6.40E-02	c	2.80E-01	c	4.80E-03	c	2.10E-02	c	9.70E-03	c	2.50E-06	c	
.....	Nitropropane, 2-	Change Effect														-2.10E-03	X	5.00E-02	...	2.20E-01	...	3.80E-03	...	1.70E-02	...	7.60E-03	...	
5216-25-1	Tetrachlorotoluene, p- alpha, alpha, alpha-	Spring 2019	V		1.00E+00							2.00E+01	H			3.50E-02	c	1.60E-01	c					1.30E-03	c	4.50E-06	c	
5216-25-1	Tetrachlorotoluene, p- alpha, alpha, alpha-	Fall 2019	V		1.00E+00			6.00E-05	X			1.60E+01	X			4.30E-02	c	2.00E-01	c					1.70E-03	c	5.70E-06	c	
.....	Tetrachlorotoluene, p- alpha, alpha, alpha-	Change Effect										-4.00E+00	X			8.00E-03	...	4.00E-02	...					4.00E-04	...			
E1790676	Total Petroleum Hydrocarbons (Aromatic High)	Spring 2019			1.00E+00	1.00E-01		4.00E-02	P							2.50E+03	n	3.30E+04	n					8.00E+02	n	8.90E+01	n	
E1790676	Total Petroleum Hydrocarbons (Aromatic High)	Fall 2019			1.00E+00	1.30E-01		4.00E-02	P							2.40E+03	n	3.00E+04	n					8.00E+02	n	8.90E+01	n	
.....	Total Petroleum Hydrocarbons (Aromatic High)	Change Effect				3.00E-02										-1.00E+02	...	-3.00E+03	...									
E1790674	Total Petroleum Hydrocarbons (Aromatic Medium)	Spring 2019	V		1.00E+00			4.00E-03	P	3.00E-03	P					1.10E+02	n	6.00E+02	n	3.10E+00	n	1.30E+01	n	5.50E+00	n	2.30E-02	n	
E1790674	Total Petroleum Hydrocarbons (Aromatic Medium)	Fall 2019	V		1.00E+00	1.30E-01		4.00E-03	P	3.00E-03	P					9.70E+01	n	5.60E+02	n	3.10E+00	n	1.30E+01	n	5.50E+00	n	2.30E-02	n	
.....	Total Petroleum Hydrocarbons (Aromatic Medium)	Change Effect														-1.30E+01	...	-4.00E+01	...									
25167-70-8	Trimethylpentene, 2,4,4-	Spring 2019	V		1.00E+00		30	1.00E-02	X							7.80E+02	ns	1.20E+04	ns					6.50E+01	n	2.20E-01	n	
25167-70-8	Trimethylpentene, 2,4,4-	Fall 2019	V		1.00E+00		30	1.00E-02	X							7.80E+02	ns	1.20E+04	ns					3.80E+01	n	1.30E-01	n	
.....	Trimethylpentene, 2,4,4-	Change Effect																						-2.70E+01	...	-9.00E-02	...	
7440-61-1	Uranium	Fall 2019			1.00E+00			2.00E-04	A	4.00E-05	A					1.60E+01	n	2.30E+02	n	4.20E-02	n	1.80E-01	n	4.00E+00	n	1.80E+00	n	1.40E+01
E715565	Uranium (Soluble Salts)	Spring 2019			1.00E+00			2.00E-04	A	4.00E-05	A					1.60E+01	n	2.30E+02	n	4.20E-02	n	1.80E-01	n	4.00E+00	n	1.80E+00	n	1.40E+01
106-42-3	Xylene, P-	Spring 2019	V		1.00E+00		390	2.00E-01	G	1.00E-01	G					5.60E+02	ns	2.40E+03	ns	1.00E+02	n	4.40E+02	n	1.90E+02	n	1.90E-01	n	
106-42-3	Xylene, p-	Fall 2019	V		1.00E+00		390	2.00E-01	G	1.00E-01	G					5.60E+02	ns	2.40E+03	ns	1.00E+02	n	4.40E+02	n	1.90E+02	n	1.90E-01	n	
12672-29-6	~Aroclor 1248	Spring 2019	V		1.00E+00	1.40E-01						2.00E+00	G	5.70E-04	G	2.30E-01	c	9.50E-01	c	4.90E-03	c	2.10E-02	c	7.80E-03	c	1.20E-03	c	
12672-29-6	~Aroclor 1248	Fall 2019	V		1.00E+00	1.40E-01						2.00E+00	G	5.70E-04	G	2.30E-01	c	9.40E-01	c	4.90E-03	c	2.10E-02	c	7.80E-03	c	1.20E-03	c	
.....	~Aroclor 1248	Change Effect																										
34465-46-8	~Hexachlorodibenzo-p-dioxin, Mixture	Spring 2019			1.00E+00	3.00E-02						6.20E+03	I	1.30E+00	I	1.00E-04	c	4.70E-04	c	2.20E-06	c	9.40E-06	c	1.30E-05	c	1.70E-05	c	
XXXXXXX	~Hexachlorodibenzo-p-dioxin, Mixture	Fall 2019			1.00E+00	3.00E-02						6.20E+03	I	1.30E+00	I	1.00E-04	c	4.70E-04	c	2.20E-06	c	9.40E-06	c	1.30E-05	c	1.70E-05	c	
.....	~Hexachlorodibenzo-p-dioxin, Mixture	Change Effect																										