

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)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
492-80-8	Auramine	Spring 2019			1	0						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	0						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-04		
104-76-7	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Spring 2019	V		1			0	P	0	P	9.50E-03	P			7.30E+01	c**	3.40E+02	c*	4.20E-02	n	1.80E-01	n	8.30E-02	n				
104-76-7	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Fall 2019	V		1		650	0	P	0	P	9.50E-03	P			2.30E+00	n	9.70E+00	n	4.20E-02	n	1.80E-01	n	8.30E-02	n		3.40E-05	n	
.....	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	Change Effect																											
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	Spring 2019			1	0						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	0						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																									1.30E-03		
79-46-9	Nitropropane, 2-	Spring 2019	V		1		4900			0	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		4900			0	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																									7.60E-03		
5216-25-1	Tetrachlorotoluene, p- alpha, alpha, alpha-	Spring 2019	V		1							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			0	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-04	.X.	
E1790676	Total Petroleum Hydrocarbons (Aromatic High)	Spring 2019			1	0		0	P							2.50E+02	n	3.30E+03	n					8.00E+01	n		8.90E+00	n	
E1790676	Total Petroleum Hydrocarbons (Aromatic High)	Fall 2019			1	0		0	P							2.40E+02	n	3.00E+03	n					8.00E+01	n		8.90E+00	n	
.....	Total Petroleum Hydrocarbons (Aromatic High)	Change Effect				0																							
E1790674	Total Petroleum Hydrocarbons (Aromatic Medium)	Spring 2019	V		1			0	P	0	P					1.10E+01	n	6.00E+01	n	3.10E-01	n	1.30E+00	n	5.50E-01	n		2.30E-03	n	
E1790674	Total Petroleum Hydrocarbons (Aromatic Medium)	Fall 2019	V		1	0		0	P	0	P					9.70E+00	n	5.60E+01	n	3.10E-01	n	1.30E+00	n	5.50E-01	n		2.30E-03	n	
.....	Total Petroleum Hydrocarbons (Aromatic Medium)	Change Effect																											
25167-70-8	Trimethylpentene, 2,4,4-	Spring 2019	V		1		30	0	X							7.80E+01	ns	1.20E+03	ns					6.50E+00	n		2.20E-02	n	
25167-70-8	Trimethylpentene, 2,4,4-	Fall 2019	V		1		30	0	X							7.80E+01	ns	1.20E+03	ns					3.80E+00	n		1.30E-02	n	
.....	Trimethylpentene, 2,4,4-	Change Effect																											
7440-61-1	Uranium	Fall 2019			1			0	A	0	A					1.60E+00	n	2.30E+01	n	4.20E-03	n	1.80E-02	n	4.00E-01	n		1.80E-01	n	1.40E+01
E715565	Uranium (Soluble Salts)	Spring 2019			1			0	A	0	A					1.60E+00	n	2.30E+01	n	4.20E-03	n	1.80E-02	n	4.00E-01	n		1.80E-01	n	1.40E+01
106-42-3	Xylene, P-	Spring 2019	V		1		390	0	G	0	G					5.60E+01	n	2.40E+02	n	1.00E+01	n	4.40E+01	n	1.90E+01	n		1.90E-02	n	
106-42-3	Xylene, p-	Fall 2019	V		1		390	0	G	0	G					5.60E+01	n	2.40E+02	n	1.00E+01	n	4.40E+01	n	1.90E+01	n		1.90E-02	n	
12672-29-6	~Aroclor 1248	Spring 2019	V		1	0						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	0						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																											
.....	~Hexachlorodibenzo-p-dioxin, Mixture	Spring 2019			1	0						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	
34465-46-8	~Hexachlorodibenzo-p-dioxin, Mixture	Fall 2019			1	0						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	
XXXXXXXXXX.	~Hexachlorodibenzo-p-dioxin, Mixture	Change Effect																											