

CAS	Chemical	Type of Observation	VOC	Mutagenic	GIABS	ABS ₂	C _{int} (mg/kg)	RD ₀ (mg/kg-day)	k _e y	RIC ₁ (mg/m ³)	k _e y	SFO (mg/kg-day) ⁻¹	k _e y	IUR (mg/m ³) ⁻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)
7440-43-9	Cadmium (Diet)	Fall 2020			2.5	0.001		1.00E-03	I	1.00E-05	A			1.80E-03	I	7.10E+01	n	9.80E+02	n	1.60E-03	c**	6.80E-03	c**						
7440-43-9	Cadmium (Diet)	Spring 2021			2.5	0.001		1.00E-03	I	1.00E-05	A			1.80E-03	I	7.10E+01	n	9.80E+02	n	1.60E-03	c**	6.80E-03	c**						
..	Cadmium (Diet)	Change Effect																		X		X							
5103-71-9	Chlordane (alpha)	Spring 2021		V		1	0.04	5.00E-04	G							3.60E+01	n	5.00E+02	n					3.60E+00	n		4.90E-01	n	
5103-74-2	Chlordane (omega)	Spring 2021		V		1	0.04	5.00E-04	G							3.60E+01	n	5.00E+02	n					1.00E+01	n		1.40E+00	n	
52315-07-8	Cypermethrin	Spring 2021				1	0.1	6.00E-02	O							3.80E+03	n	4.90E+04	n					1.20E+03	n		1.90E+02	n	
7439-96-5	Manganese (Diet)	Fall 2020				1		1.40E-01	I	5.00E-05	I																		
7439-96-5	Manganese (Diet)	Spring 2021				1		1.40E-01	I	5.00E-05	I									5.20E-02	n	2.20E-01	n						
..	Manganese (Diet)	Change Effect																		X.		X.							
375-73-5	Perfluorobutane sulfonic acid (PFBS)	Fall 2020				1	0.1	2.00E-02	P							1.30E+03	n	1.60E+04	n					4.00E+02	n		1.30E-01	n	
375-73-5	Perfluorobutane sulfonic acid (PFBS)	Spring 2021				1	0.1	3.00E-04	P							1.90E+01	n	2.50E+02	n					6.00E+00	n		1.90E-03	n	
..	Perfluorobutane sulfonic acid (PFBS)	Change Effect						-2.00E-02								-1.30E+03		-1.60E+04						-3.90E+02			-1.30E-01		
45187-15-3	Perfluorobutanesulfonate	Fall 2020				1	0.1	2.00E-02	P							1.30E+03	n	1.60E+04	n					4.00E+02	n		1.30E-01	n	
45187-15-3	Perfluorobutanesulfonate	Spring 2021				1	0.1	3.00E-04	P							1.90E+01	n	2.50E+02	n					6.00E+00	n		1.90E-03	n	
..	Perfluorobutanesulfonate	Change Effect						-2.00E-02								-1.30E+03		-1.60E+04						-3.90E+02			-1.30E-01		
29420-49-3	Potassium Perfluorobutane Sulfonate	Fall 2020				1	0.1	2.00E-02	P							1.30E+03	n	1.60E+04	n					4.00E+02	n		1.30E-01	n	
29420-49-3	Potassium Perfluorobutane Sulfonate	Spring 2021				1	0.1	3.00E-04	P							1.90E+01	n	2.50E+02	n					6.00E+00	n		3.00E-03	n	
..	Potassium Perfluorobutane Sulfonate	Change Effect						-2.00E-02								-1.30E+03		-1.60E+04						-3.90E+02			X.		