

CAS	Chemical	Type of Observation	voc_status	Mutagenic	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> (mg/m <sup>3</sup> )	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> (mg/m <sup>3</sup> )	SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (mg/m <sup>3</sup> )	IUR (mg/m <sup>3</sup> ) <sup>-1</sup>	k <sub>e</sub> (mg/m <sup>3</sup> )	Resident Soil (mg/kg)	resskey	Industrial Soil (mg/kg)	indskey	Resident Air (ug/m <sup>3</sup> )	resakey	Industrial Air (ug/m <sup>3</sup> )	indakey	Tap Water (ug/L)	restkey	MCL (ug/L)	Risk-based SSL (mg/kg)	slriskkey	MCL-based SSL (mg/kg)		
15541-45-4	Bromate	Fall 2022			1			4.00E-03	I			7.00E-01	I			9.90E-01	c	4.70E+00	c					1.10E-01	c	10	8.50E-04	c	7.70E-02		
15541-45-4	Bromate	Spring 2023			1			4.00E-03	I			7.00E-01	I	1.40E-04	C	9.90E-01	c	4.70E+00	c	2.00E-02	X..	8.80E-02	X..	1.10E-01	c	10	8.50E-04	c	7.70E-02		
79-08-3	Bromoacetic acid	Fall 2022			1	0.10																								1.20E-02	
79-08-3	Bromoacetic acid	Spring 2023			1	0.10		1.70E-03	C							1.10E+02	n	1.40E+03	n					3.40E+01	n	6.0E+01(G)	6.90E-03	n	1.20E-02		
106-94-5	Bromopropane, 1-	Fall 2022	V		1		9.70E+02		1.00E-01	A						2.20E+02	n	9.40E+02	n	1.00E+02	n	4.40E+02	n	2.10E+02	n				6.40E-02	n	
106-94-5	Bromopropane, 1-	Spring 2023	V		1		9.70E+02		1.00E-01	A			3.70E-06	C	1.60E+00	c	7.10E+00	c	7.60E-01	c	3.30E+00	c	1.50E+00	c				4.60E-04	c		
79-11-8	Chloroacetic Acid	Fall 2022			1	0.10																								1.20E-02	
79-11-8	Chloroacetic Acid	Spring 2023			1	0.10		3.50E-03	C							2.20E+02	n	2.90E+03	n					7.00E+01	n	6.0E+01(G)	1.40E-02	n	1.20E-02		
631-64-1	Dibromoacetic acid	Fall 2022			1	0.10																								1.20E-02	
631-64-1	Dibromoacetic acid	Spring 2023			1	0.10		3.00E-04	C			2.50E-01	C			2.20E+00	c**	9.20E+00	c*					3.10E-01	c*	6.0E+01(G)	6.30E-05	c*	1.20E-02		
119-90-4	Dimethoxybenzidine, 3,3'-	Fall 2022			1	0.10						1.60E+00	P			3.40E-01	c	1.40E+00	c					4.70E-02	c				5.80E-05	c	
119-90-4	Dimethoxybenzidine, 3,3'-	Spring 2023			1	0.10						1.60E+00	P	1.40E-01	C	3.30E-01	c	1.40E+00	c	2.00E-05	c	8.80E-05	c	4.70E-02	c				5.80E-05	c	
319-84-6	Hexachlorocyclohexane, Alpha-	Fall 2022			1	0.10		8.00E-03	A			6.30E+00	I	1.80E-03	I	8.60E-02	c	3.60E-01	c	1.60E-03	c	6.80E-03	c	7.20E-03	c				4.20E-05	c	
319-84-6	Hexachlorocyclohexane, Alpha-	Spring 2023			1	0.10						6.30E+00	I	1.80E-03	I	8.60E-02	c	3.60E-01	c	1.60E-03	c	6.80E-03	c	7.20E-03	c				4.20E-05	c	
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	Fall 2022			1	0.04		1.00E-05	A			1.10E+00	C	3.10E-04	C	5.70E-01	c**	2.50E+00	c**	9.10E-03	c	4.00E-02	c	4.20E-02	c**	.2	2.40E-04	c**	1.20E-03		
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	Spring 2023			1	0.04		3.00E-04	X			1.10E+00	C	3.10E-04	C	5.70E-01	c*	2.50E+00	c	9.10E-03	c	4.00E-02	c	4.20E-02	c*	.2	2.40E-04	c*	1.20E-03		
78-83-1	Isobutyl Alcohol	Fall 2022	V		1		1.00E+04	3.00E-01	I							2.30E+04	ns	3.50E+05	nms					5.90E+03	n				1.20E+00	n	
78-83-1	Isobutyl Alcohol	Spring 2023	V		1		1.00E+04	3.00E-01	I	4.00E-01	X					7.80E+03	n	4.30E+04	ns	4.20E+02	n	1.80E+03	n	7.30E+02	n				1.50E-01	n	
7664-38-2	Phosphoric Acid	Fall 2022			1				1.00E-02	I						1.40E+07	nm	6.00E+07	nm	1.00E+01	n	4.40E+01	n								
7664-38-2	Phosphoric Acid	Spring 2023			1			1.00E+00	P	1.00E-02	I					7.80E+04	n	1.10E+06	nm	1.00E+01	n	4.40E+01	n	2.00E+04	n						
7681-49-4	Sodium Fluoride	Fall 2022			1			5.00E-02	A	1.30E-02	C					3.90E+03	n	5.80E+04	n	1.40E+01	n	5.70E+01	n	1.00E+03	n	4000	1.50E+02	n	6.00E+02		
7681-49-4	Sodium Fluoride	Spring 2023			1			5.00E-02	A	1.40E-02	C					3.90E+03	n	5.80E+04	n	1.50E+01	n	6.10E+01	n	1.00E+03	n	4000	1.50E+02	n	6.00E+02		
E1790666	Total Petroleum Hydrocarbons (Aliphatic Low)	Fall 2022	V		1		5.20E+01	5.00E-03	P	4.00E-01	P					2.10E+02	ns	1.50E+03	ns	4.20E+02	n	1.80E+03	n	9.00E+01	n				9.80E-02	n	
E1790666	Total Petroleum Hydrocarbons (Aliphatic Low)	Spring 2023	V		1		1.10E+02	5.00E-03	P	4.00E-01	P					2.50E+02	ns	1.90E+03	ns	4.20E+02	n	1.80E+03	n	2.80E+01	n				2.00E-02	n	
75-01-4	Vinyl Chloride	Fall 2022	V	M	1		3.90E+03	3.00E-03	I	8.00E-02	A	7.20E-01	I	4.40E-06	I	5.90E-02	c	1.70E+00	c	1.70E-01	c	2.80E+00	c	1.90E-02	c	2	6.50E-06	c	6.90E-04		
75-01-4	Vinyl Chloride	Spring 2023	V	M	1		3.90E+03	3.00E-03	I	1.00E-01	I	7.20E-01	I	4.40E-06	I	5.90E-02	c	1.70E+00	c	1.70E-01	c	2.80E+00	c	1.90E-02	c	2	6.50E-06	c	6.90E-04		
592-01-8	~Calcium Cyanide	Fall 2022			1			1.00E-03	I							7.80E+01	n	1.20E+03	n					2.00E+01	n						
592-01-8	~Calcium Cyanide	Spring 2023			1			1.00E-03	I	9.00E-03	C					7.80E+01	n	1.20E+03	n	9.40E+00	n	3.90E+01	n	2.00E+01	n						
1763-23-1	~Perfluorooctanesulfonic acid (PFOS)	Fall 2022			1	0.10		2.00E-06	A							1.30E-01	n	1.60E+00	n					4.00E-02	n				3.80E-05	n	
1763-23-1	~Perfluorooctanesulfonic acid (PFOS)	Spring 2023			1	0.10		2.00E-06	A							1.30E-01	n	1.60E+00	n					4.00E-02	n				3.10E-04	n	
151-50-8	~Potassium Cyanide	Fall 2022			1			2.00E-03	I							1.60E+02	n	2.30E+03	n					4.00E+01	n						
151-50-8	~Potassium Cyanide	Spring 2023			1			2.00E-03	I	9.00E-03	C					1.60E+02	n	2.30E+03	n	9.40E+00	n	3.90E+01	n	4.00E+01	n						
2795-39-3	~Potassium perfluorooctanesulfonate	Fall 2022			1	0.10		2.00E-06	A							1.30E-01	n	1.60E+00	n					4.00E-02	n						
2795-39-3	~Potassium perfluorooctanesulfonate	Spring 2023			1	0.10		2.00E-06	A							1.30E-01	n	1.60E+00	n					4.00E-02	n				3.10E-04	n	
143-33-9	~Sodium Cyanide	Fall 2022			1			1.00E-03	I							7.80E+01	n	1.20E+03	n					2.00E+01	n	200					
143-33-9	~Sodium Cyanide	Spring 2023			1			1.00E-03	I	9.00E-03	C					7.80E+01	n	1.20E+03	n	9.40E+00	n	3.90E+01	n	2.00E+01	n	200					
10495-86-0	~Ammonium perfluorobutanoate	Spring 2023			1	0.10		1.00E-03	I							6.30E+01	n	8.20E+02	n					2.00E+01	n				7.10E-03	n	
21615-47-4	~Ammonium perfluorohexanoate	Spring 2023	V		1			5.00E-04	I							3.90E+01	n	5.80E+02	n					7.20E+00	n				1.70E-02	n	
7758-11-4	~Dipotassium phosphate	Spring 2023			1			1.00E+00	P							7.80E+04	n	1.20E+06	nm					2.00E+04	n						
7558-79-4	~Disodium phosphate	Spring 2023			1			1.00E+00	P							7.80E+04	n	1.20E+06	nm					2.00E+04	n						
7778-77-0	~Monopotassium phosphate	Spring 2023			1			1.00E+00	P							7.80E+04	n	1.20E+06	nm					2.00E+04	n						
7558-80-7	~Monosodium phosphate	Spring 2023			1			1.00E+00	P							7.80E+04	n	1.20E+06	nm					2.00E+04	n						
45048-62-2	~Perfluorobutanoate	Spring 2023	V		1		9.30E+04	1.00E-03	I							7.80E+01	n	1.20E+03	n					1.80E+01	n				6.70E-03	n	
375-22-4	~Perfluorobutanoic acid (PFBA)	Spring 2023	V		1		2.60E+03	1.00E-03	I							7.80E+01	n	1.20E+03	n					1.80E+01	n				6.50E-03	n	
92612-52-7	~Perfluorohexanoate	Spring 2023	V		1		6.80E+03	5.00E-04	I							3.90E+01	n	5.80E+02	n					6.10E+00	n				1.40E-02	n	
307-24-4	~Perfluorohexanoic acid (PFHxA)	Spring 2023			1	0.10		5.00E-04	I							3.20E+01	n	4.10E+02	n					9.90E+00	n				2.40E-03	n	
198-55-0	~Perylene	Spring 2023			1	0.13		9.00E-05	X	2.00E-06	X					5.4															