

Aggregate Risk and Hazard Quotient Results Table.

	A	B	C	D	E	F	G	H	I	J	K
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12	Chemical Name	Groundwater Pathway Aggregate Hazard Quotient	Surface Pathway Aggregate Hazard Quotient	Total HI		Groundwater Pathway Aggregate Risk	Surface Pathway Aggregate Cancer Risk	Total CR			
13	Acetone (2-propanone)	3.37E-04	1.51E-08	3.37E-04		---	---				
14	Acetonitrile (methyl cyanide)	4.61E-03	2.74E-07	4.61E-03		---	---				
15	Acrylonitrile	5.70E-03	2.84E-06	5.70E-03		1.05E-06	2.90E-10	1.05E-06			
16	Antimony	7.36E-02	5.77E-05	7.37E-02		---	---				
17	Arsenic	3.92E-02	5.22E-04	3.97E-02		9.43E-06	9.63E-08	9.53E-06			
18	Methyl methacrylate	1.06E-03	1.41E-08	1.06E-03		---	---				
19	Selenium(+4)	1.19E-02	1.41E-05	1.19E-02		---	---				
20	Selenium(+6)	1.12E-02	1.41E-05	1.12E-02		---	---				
21	Vinyl chloride	6.29E-04	1.25E-06	6.30E-04		1.09E-06	5.82E-10	1.09E-06			
22	Xylenes (total)	2.95E-03	8.22E-08	2.95E-03		---	---				
23	Zinc	1.05E-03	1.01E-03	2.06E-03		---	---				
24											
25											
26											
27	total risk excluding ND	1.52E-01	1.01E-03	1.53E-01		1.16E-05	8.72E-10	1.16E-05			
28											
29	total risk including 1/2 NDs	1.52E-01	1.32E-03	1.54E-01		1.16E-05	4.90E-08	1.16E-05			
30											
31											
32											
33											
34											
35											
36											
37											

Last Column from the Groundwater Pathway Hazard Quotient Table

Last Column from the Surface Pathway Hazard Quotient Table

Last Column from the Groundwater Pathway Risk Table

Last Column from the Surface Pathway Risk Table

Identify Non-Detects (i.e. with a background color)

Add Columns Summing Groundwater and Surface Pathway Results (i.e. "=B23+C23")

=@sum(B13..B23)
to sum the results

=@sum(C13..C23)-(@sum(C16,C17,C19,C20))
to sum the results and subtract non-detects

=G27+(0.5*@sum(G16,G17,G19,G20))
To include 1/2 of the non-detected results with the total detected results