

1999 NATA Priority HAPs	1 in a million Cancer Risk Threshold (ug/m3)	Noncancer Threshold HI=1 (ug/m3)	Analysis Method	MDL (ug/m3)	1999 NATA Cancer Risk (in a milion)	1999 NATA Noncancer Risk (HI)
Acrolein		0.02	TO-15 ¹	0.07		5.78
Coke oven	0.0016		NA	NA	1.86	
Diesel PM ^a	0.0033	5	NIOSH 5040 ²	0.4	NA	NA
POM ^b /PAH	0.000010		TO-13A ³	0.0000024	1.34	
Chromium 6	0.000083	0.1	Modified CARB Method 039	0.000011	1.65	0.00081
Hydrazine	0.00020	0.2	OSHA 108	0.076	5	
Chlorine		0.2	NIOSH 6011	0.02		0.0998
Nickel compounds	0.006	0.065	IO-3.5	0.00023	0.15	0.01477
Arsenic Compounds	0.00023	0.03	IO-3.5	0.000079	0.38	
Benzidine	0.000015	10	TO-13A (XAD)	0.25	0.02	
Ethylene oxide	0.011	30	NIOSH 1614	0.04	0.45	
2,4-Toluene Diisocyanate	0.091	0.07	NIOSH 5522	0.000020	0.03	0.04
Cadmium compounds	0.00056	0.02	IO-3.5	0.000058	0.16	
Hexamethylene 1-6-diisocyanate		0.01	NIOSH 5522	0.000040		0.0065
Triethylamine		7	OSHA PV2060	0.20		0.00059
1,3-Butadiene	0.033	2	TO-15 ¹	0.080	3.99	
Hydrochloric acid		20	NIOSH 7903	0.000012		0.0009
Maleic anhydride		0.7	NIOSH 3512	0.000043		0.0062
Manganese compounds		0.05	IO-3.5	0.000095		0.038
Perchloroethylene	0.200	270	TO-15 ¹	0.43	1.54	
Antimony		0.2	IO-3.5	0.000083		0.00032
Benzene	0.143	30	TO-15 ¹	0.29	10.46	
Formaldehyde ^c	0.077	9.8	TO-11A	0.010	0.00006	0.152
Naphthalene	0.029	3	TO-13A	0.00000019	2.19	0.021
Carbon Tetrachloride	0.067	40	TO-15 ¹	0.33	3.29	

^a Based on CALEPA URE

^b POM cancer threshold utilized most potent compound

^c Uses IRIS value that is undergoing review

¹ SIM mode

² Particulate Diesel as elemental carbon

³ Total of all PAHs using PUF