

Analyte	Hydrocarbon group	TERMINAL		COMMUNITY AREA			CAPTAIN COOK - TORRES ST			NEAR BRIDGES ST		TASMAN ST				MORE DISTANT LOCATIONS			Australian Background	Reference Guidelines	Source
		AA_Admin 01 (µg/m ³)	AA_SOL01 ((µg/m ³)	AA_CC Bus Stop (µg/m ³)	AA_Mens Shed (µg/m ³)	AA_Comm Hall (µg/m ³)	AA_Private 1 (µg/m ³)	AA_Torr St (µg/m ³)	AA_Cooling 01 (µg/m ³)	AA_Cooling 02 (µg/m ³)	AA_Telstra Exch (µg/m ³)	AA_Tas 01 (µg/m ³)	AA_Private 2 (µg/m ³)	AA_Tas St 02 (µg/m ³)	AA_Tas St 03 (µg/m ³)	AA_Private 3 (µg/m ³)	AA_Torr St School (µg/m ³)	AA_Oil Pipe (µg/m ³)	(µg/m ³)	(µg/m ³)	
Benzene	Monoaromatic	0.24	0.55	0.44	0.34	0.30	0.52	0.38	0.42	0.46	0.57	0.44	0.55	0.77	0.41	0.41	0.68	0.58	0.77	1.7	WHO
Toluene		0.52	5.38	1.84	1.05	0.77	1.10	1.03	1.64	2.60	2.25	1.23	1.95	2.72	0.74	0.74	1.18	2.20	3.60	260	WHO
Ethylbenzene		0.09	0.87	0.32	0.21	0.16	0.25	0.18	0.28	0.40	0.35	0.21	0.29	0.33	0.18	0.18	0.22	0.28	0.62	250	ATSDR
m&p-Xylene		0.28	4.08	1.30	0.71	0.43	0.70	0.53	1.02	1.69	1.24	0.57	0.80	0.99	0.51	0.51	0.54	0.85	2.60	870	WHO
o-Xylene		0.13	1.84	0.58	0.35	0.22	0.32	0.27	0.47	0.77	0.59	0.27	0.37	0.47	0.23	0.23	0.26	0.39		870	WHO
1,2,4-Trimethylbenzene		0.27	4.65	1.23	0.62	0.51	0.60	0.40	0.89	1.45	1.07	0.55	0.53	0.87	0.39	0.39	0.44	0.67	0.96	60	US EPA
1,3,5-Trimethylbenzene		0.09	1.86	0.45	0.21	0.17	0.19	0.15	0.36	0.58	0.39	0.20	0.20	0.47	0.11	0.11	0.12	0.20	0.28	60	US EPA
Propylbenzene		0.04	0.82	0.20	0.11	0.09	0.12	0.07	0.15	0.23	0.18	0.12	0.12	0.20	0.07	0.07	0.11	0.12			
Isopropylbenzene		nd	0.27	0.09	0.06	0.04	0.05	0.04	0.07	0.11	0.09	0.04	0.05	0.06	0.04	0.04	0.04	0.05			
sec-Butylbenzene		nd	0.27	0.05	nd	nd	nd	nd	nd	0.07	0.04	nd	nd	0.07	nd	nd	nd	nd			
Styrene		0.08	0.08	0.10	0.06	0.09	0.26	0.09	0.15	0.08	0.14	0.12	0.09	0.10	0.14	0.14	0.14	0.13			
Naphthalene	Naphthalenes	0.26	0.42	0.39	0.37	0.34	0.46	0.21	0.36	0.39	0.41	0.26	0.16	0.43	0.34	0.34	0.35	0.43	0.09	3.0	US EPA
1-Methyl naphthalene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
2-Methyl naphthalene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
2-Methylbutane	Light branched	1.21	3.51	1.30	0.95	1.01	1.55	1.39	1.41	1.90	1.55	0.64	2.60	2.55	0.33	0.33	0.94	2.99	3.60		
3-Methylpentane	& cyclic alkanes	0.44	1.90	0.53	0.31	0.25	0.29	0.27	0.42	0.72	0.60	0.27	0.82	1.22	0.16	0.16	0.29	0.82			
2,2,4-Trimethyl pentane		1.21	7.49	1.52	0.61	0.39	0.45	0.43	0.95	1.80	1.04	0.12	0.39	0.64	0.07	0.07	0.16	0.78			
2,2-Dimethyl butane		0.31	0.47	0.38	0.38	0.38	0.45	nd	0.47	0.40	0.48	0.42	0.52	0.58	0.53	nd	0.50				
2,4-Dimethylpentane		0.23	0.74	0.30	0.19	0.19	0.15	0.15	0.23	0.25	0.23	0.08	0.13	0.13	0.10	0.10	0.15	0.30			
Ethylcyclopentane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Cyclohexane		0.54	3.44	1.18	0.78	0.64	0.73	0.69	1.14	1.92	1.74	1.68	2.38	2.73	1.08	1.08	1.47	0.83		6,000	US EPA
Methylcyclohexane		0.44	4.02	1.61	1.07	0.80	0.82	0.81	1.26	2.24	2.09	1.72	2.41	3.17	1.10	1.10	1.44	0.88			
Ethylcyclohexane		0.08	1.31	0.46	0.27	0.16	0.16	0.27	0.33	0.62	0.52	0.25	0.40	0.48	0.20	0.20	0.25	0.21			
Propyl cyclohexane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
n-Pentane	Alkanes	0.59	1.97	0.71	0.49	0.48	0.66	0.63	0.78	1.10	0.92	0.51	1.54	1.47	0.26	0.26	0.65	1.47	1.70	1,000	US EPA
n-Hexane		0.49	2.01	0.68	0.45	0.33	0.40	0.37	0.55	0.94	0.82	0.60	1.07	1.29	0.36	0.36	0.58	0.94	0.94	840	US EPA
n-Heptane		0.30	3.21	1.04	0.73	0.54	0.56	0.54	0.82	1.28	1.14	0.52	0.97	1.47	0.39	0.39	0.52	0.71		400	US EPA
n-Octane		0.23	3.51	1.20	0.71	0.47	0.47	0.71	0.96	1.68	1.24	0.51	0.84	1.20	0.37	0.37	0.46	0.64			
n-nonane		0.23	5.95	1.89	0.88	0.54	0.54	0.68	1.33	2.62	1.81	0.51	0.77	1.34	0.44	0.44	0.50	0.71		20	US EPA
n-Decane		nd	6.64	3.00	1.07	0.74	1.26	0.34	1.50	2.58	2.02	0.16	nd	1.98	0.63	0.63	0.33	0.81			
n-Undecane		nd	2.77	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
n-Dodecane		nd	nd	4.73	18.54	10.59	14.40	nd	nd	nd	nd	nd	nd	nd	2.91	2.91	nd	16.47			
n-Tridecane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
n-Tetradecane		nd	nd	0.85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.55	1.55	1.59	nd			
Chloromethane	Chlorinated	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,2-Dichloroethane (EDC)	methanes	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,2-Dibromoethane (EDB)	& ethanes	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Chloroform		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Carbon tetrachloride		0.24	0.20	0.29	0.21	0.11	0.10	0.27	0.27	0.31	0.21	0.14	0.16	0.09	0.22	0.22	0.24	0.25	0.38		
1,1-Dichloroethane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1,1-Trichloroethane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1,2-Trichloroethane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1,1,2-Tetrachloroethane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1,1,2,2-Tetrachloroethane		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Vinyl Chloride		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1-Dichloroethene	Chlorinated	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,2-Dichloroethylene (cis)	ethenes	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,2-Dichloroethylene (trans)		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Trichloroethylene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Tetrachloroethylene		nd	nd	0.08	0.09	0.13	0.24	0.10	nd	nd	0.10	nd	nd	nd	0.12	0.12	0.11	0.09	0.52	40	US EPA
1,2-Dichloropropane	Additional	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,3-Dichloropropane	Chlorinateds	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,1-Dichloropropene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Hexachlorobutadiene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
2-Chloro-1,3-butadiene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Chlorobenzene	Chlorobenzenes	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,2-Dichlorobenzene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,3-Dichlorobenzene		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
1,4-Dichlorobenzene		nd	nd	nd	nd	1.66	0.07	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
MEK	Additional	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
Isopropyl alcohol		nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			
C6-C10	TRH	8.48	75.46	22.96	12.84	9.42	9.44	27.36	20.66	31.43	24.15	12.63	17.22	21.14	8.69	8.69	9.74	11.75			
>C10-C14		6.96	41.69	61.66	44.34	50.91	37.81	58.14	163.85	122.31	37.07	77.52	54.62	79.32	27.04	27.04	15.87	41.46			

ATSDR
WHO

Agency for Toxic Substances and Disease Registry
World Health Organisation