

Oak Park - CAMS 634 - Rolling 12 Month Summaries

Chemical	TCEQ ESL		*Mean 12 Month Values (ppb-V) for Qtr Ending:							
	Annual	ppb-V	3/31/2006	6/30/2006	9/30/2006	12/31/2006	3/31/2007	6/30/2007	9/30/2007	12/31/2007
Ethane	1000	8.24	8.36	8.46	7.72	8.12	8.35	0	0	
Ethylene	105	1.01	1.04	1.02	0.95	0.95	0.95	0	0	
Propane	1000	6.73	6.77	6.85	5.95	6.18	6.23	0	0	
Propylene	---	0.95	0.99	1.09	0.99	0.95	0.92	0	0	
n_Butane	800	3.7	3.69	3.7	3.42	3.51	3.59	0	0	
Isobutane	203	2.68	2.74	2.74	2.53	2.49	2.49	0	0	
_13_Butadiene	5	0.04	0.04	0.05	0.05	0.06	0.07	0	0	
_1_Butene	7	0.14	0.15	0.16	0.15	0.15	0.15	0	0	
c_2_Butene	60	0.12	0.12	0.13	0.13	0.13	0.13	0	0	
t_2_Butene	60	0.16	0.17	0.18	0.20	0.21	0.21	0	0	
n_Pentane	120	1.91	1.89	1.84	1.56	1.71	1.77	0	0	
Isopentane	120	2.94	2.87	2.83	2.48	2.61	2.71	0	0	
_1_Pentene	3	0.05	0.05	0.05	0.06	0.06	0.06	0	0	
c_2_Pentene	3	0.04	0.05	0.05	0.05	0.06	0.06	0	0	
t_2_Pentene	3	0.09	0.09	0.1	0.10	0.11	0.12	0	0	
Benzene	1	0.66	0.69	0.74	0.70	0.75	0.75	0	0	
Cyclohexane	42	0.26	0.27	0.27	0.23	0.22	0.22	0	0	
n_Hexane	50	0.62	0.62	0.62	0.58	0.59	0.59	0	0	
Toluene	50	0.71	0.73	0.75	0.64	0.74	0.74	0	0	
p_Xylene_m_Xylene	48	0.24	0.25	0.26	0.24	0.24	0.23	0	0	
o_Xylene	85	0.09	0.1	0.1	0.09	0.09	0.08	0	0	
EthylBenzene	46	0.06	0.07	0.07	0.07	0.07	0.07	0	0	
Cumene	10	0.03	0.04	0.04	0.03	0.03	0.03	0	0	
_124_Trimethylbenzene	25	0.09	0.09	0.09	0.09	0.09	0.08	0	0	

Chemical	TCEQ ESL		*Max 12 Month Values (ppb-V) for Qtr Ending:							
	One-Hour	ppb-V	3/31/2006	6/30/2006	9/30/2006	12/31/2006	3/31/2007	6/30/2007	9/30/2007	12/31/2007
Ethane	10000	307.15	307.15	307.15	295.48	380.08	380.08	0	0	
Ethylene	1049	73.05	73.05	73.05	73.05	61.38	61.38	0	0	
Propane	10000	334.97	334.97	253.57	185.28	303.60	303.60	0	0	
Propylene	68100	27.07	27.07	118.2	118.21	118.21	118.21	0	0	
n_Butane	8000	158.03	158.03	129.15	353.35	353.35	353.35	0	0	
Isobutane	2025	226.38	226.38	95.38	95.39	110.33	110.33	0	0	
_13_Butadiene	50	7.95	7.95	7.95	8.66	11.16	11.16	0	0	
_1_Butene	70	7.98	5.95	7.1	7.09	15.36	15.36	0	0	
c_2_Butene	600	7.35	4.53	6.73	6.73	6.73	6.73	0	0	
t_2_Butene	600	9.55	5.98	9.25	9.26	9.26	9.26	0	0	
n_Pentane	1200	172.44	172.44	172.44	77.14	142.94	142.94	0	0	
Isopentane	1200	106.78	106.78	106.78	78.05	170.63	216.75	0	0	
_1_Pentene	30	4.3	3.52	3.52	1.60	2.77	2.77	0	0	
c_2_Pentene	30	4.02	2.34	2.34	2.17	7.72	7.72	0	0	
t_2_Pentene	30	8.04	5.04	5.04	4.76	21.95	21.95	0	0	
Benzene	25	48.17	48.17	51.15	51.15	120.16	120.16	0	0	
Cyclohexane	420	36.87	36.87	36.87	32.07	22.43	9.29	0	0	
n_Hexane	500	35.05	35.05	35.05	47.26	122.55	122.55	0	0	
Toluene	500	69.3	69.3	69.3	25.26	58.52	58.52	0	0	
p_Xylene_m_Xylene	480	36.74	36.74	36.74	24.57	24.57	8.58	0	0	
o_Xylene	850	27.31	27.31	27.31	8.59	8.59	2.76	0	0	
EthylBenzene	460	4.28	5.43	5.43	5.42	5.42	2.24	0	0	
Cumene	100	19.69	19.69	19.69	2.13	2.88	2.88	0	0	
_124_Trimethylbenzene	250	7.3	10.33	10.33	10.33	10.33	8.20	0	0	

NOTES:

\* Bordered cells denote values greater than ESL.

1. Because data quality assurance is an on-going process, reported concentrations are subject to change.
2. Effects screening levels are not pollutant standards, and are used qualitatively to determine when concentrations are high enough to merit further investigation.
3. Individual concentration measurements are taken over a 40-minute period, which is judged to be representative of the hour within which the sample was taken. Thus, it is appropriate to compare this measurement with a one-hour ESL. A three-month quarterly average concentration may or may not be representative of a full year, as some seasonal effects may exist; nevertheless, for screening purposes, it is a long-enough period to compare with an annual ESL.