

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) With Statistical Data
Quarter Ending 9-30-06**

Chemical	num	mean*	Annual ESL	p90	p99	max*	1-Hour ESL
Ethane	1796	4.88		12.70	44.40	80.40	10000
Ethylene	1796	0.68		1.45	7.60	19.35	1022
Propane	1796	4.22	1000	11.23	48.17	107.40	10000
Propylene	1709	0.91		1.37	17.47	118.20	68120
n_Butane	1796	2.00	50	4.88	27.15	67.85	500
Isobutane	1796	1.61	800	4.08	23.00	42.20	8000
_13_Butadiene	1796	0.04	5	0.08	0.28	2.28	50
_1_Butene	1796	0.11	740	0.13	2.50	7.10	7400
c_2_Butene	1796	0.10	740	0.10	2.30	6.73	7400
t_2_Butene	1796	0.14	740	0.13	2.95	9.25	7400
n_Pentane	1796	1.21	100	2.52	16.18	77.14	1000
Isopentane	1796	1.97	120	4.36	25.22	78.04	1200
_1_Pentene	1796	0.05	800	0.10	0.58	1.54	8000
c_2_Pentene	1796	0.05	800	0.10	0.76	2.14	8000
t_2_Pentene	1796	0.10	800	0.16	1.40	3.92	8000
Benzene	1793	0.52	1	0.88	9.27	51.15	25
Cyclohexane	1793	0.14	100	0.40	1.82	5.17	1000
n_Hexane	1793	0.40	120	0.97	4.72	13.57	1200
Toluene	1793	0.52	50	1.33	4.10	11.71	500
p_Xylene_m_Xylene	1793	0.23	800	0.53	2.33	4.70	8000
o_Xylene	1793	0.08	100	0.20	0.71	1.54	1000
EthylBenzene	1793	0.06	100	0.15	0.58	1.63	1000
Cumene	1793	0.02	50	0.02	0.29	1.38	500
_124_Trimethylbenzene	1792	0.09	25	0.20	0.68	1.92	250

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.