

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) With Statistical Data
Quarter Ending 3-31-07**

Chemical	num	mean*	Annual			max*	1-Hour ESL
			ESL	p90	p99		
Ethane	1954	11.74	1000	24.56	67.70	380.08	10000
Ethylene	1954	1.10	105	2.75	7.62	11.58	1049
Propane	1954	8.17	1000	18.50	55.12	303.60	10000
Propylene	1954	0.96		2.64	7.84	29.64	68100
nButane	1954	4.75	800	10.78	32.96	121.68	8000
Isobutane	1954	3.18	203	7.91	23.38	110.33	2025
13Butadiene	1954	0.09	5	0.14	0.46	11.16	50
1Butene	1954	0.19	7	0.44	1.20	15.36	70
c2Butene	1954	0.15	60	0.40	1.21	4.53	600
t2Butene	1954	0.24	60	0.56	1.57	6.17	600
nPentane	1954	2.04	120	4.90	15.68	142.94	1200
Isopentane	1954	3.17	120	7.60	25.48	170.63	1200
1Pentene	1954	0.07	3	0.14	0.42	2.77	30
c2Pentene	1954	0.06	3	0.14	0.47	7.72	30
t2Pentene	1954	0.14	3	0.29	0.87	21.95	30
Benzene	1954	1.04	1	2.28	11.84	120.16	25
Cyclohexane	1954	0.28	42	0.81	2.22	9.29	420
nHexane	1954	0.74	50	1.60	5.46	122.55	500
Toluene	1954	1.08	50	2.38	11.02	58.52	500
mpXylene	1953	0.25	48	0.61	1.92	7.18	480
oXylene	1954	0.08	85	0.19	0.63	2.40	850
Ethyl_Benzene	1954	0.08	46	0.17	0.58	2.24	460
Cumene	1954	0.05	10	0.20	0.68	2.88	100
124_tmb	1954	0.09	25	0.19	0.65	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.