

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) with Statistical Data
Quarter Ending 6-30-06**

Chemical	num	mean*	Annual ESL or ReV	p90	p99	max*	1-Hour ESL or ReV
Ethane	1913	4.21	1,000	8.64	32.06	73.16	10,000
Ethylene	1913	0.54	30	0.94	6.39	30.69	1,200
Propane	1913	2.71	1,000	6.22	31.52	118.12	10,000
Propylene	1913	0.46	500	0.63	8.19	21.38	5,000
n-Butane	1913	1.41	800	2.98	16.87	62.25	8,000
Isobutane	1913	1.18	204	2.17	14.3	39.51	2,040
1,3-Butadiene	1913	0.03	4.5	0.05	0.15	1.45	230
1-Butene	1913	0.07	---	0.08	1.27	3.88	360
c-2-Butene	1913	0.06	---	0.06	1.05	3.71	2,100
t-2-Butene	1913	0.08	---	0.08	1.38	4.76	2,100
n-Pentane	1913	0.72	120	1.26	10.29	49.06	1,200
Isopentane	1913	1.21	120	2.37	14.32	51.02	1,200
1-Pentene	1912	0.03	---	0.06	0.26	0.61	100
c-2-Pentene	1913	0.02	---	0.05	0.24	0.63	2,600
t-2-Pentene	1913	0.05	---	0.09	0.51	1.18	2,600
Benzene	1913	0.31	1.4	0.43	5.12	19.99	180
Cyclohexane	1913	0.12	42	0.24	1.78	22.43	420
n-Hexane	1913	0.3	57	0.58	3.8	33.23	1,500
Toluene	1913	0.38	330	0.79	3.99	25.26	170
p-Xylene + m-Xylene	1913	0.15	42	0.27	1.56	24.57	41
o-Xylene	1913	0.07	42	0.12	0.65	8.59	380
Ethyl Benzene	1913	0.04	46	0.08	0.44	5.42	460
Isopropyl Benzene - Cumene	1913	0.01	10	0.01	0.32	1	100
1,2,3-Trimethylbenzene	1913	0.02	25	0.04	0.22	3.27	250
1,2,4-Trimethylbenzene	1913	0.06	25	0.1	0.81	10.33	250
1,3,5-Trimethylbenzene	1913	0.03	25	0.05	0.34	4.13	250
n-Decane	1913	0.04	175	0.04	0.58	5.14	1,750

Notes:

* Bordered cells denote values greater than ESL or ReV.

1. Because data quality assurance is an on-going process, reported concentrations and statistics are subject to change.
2. Effects screening levels (ESL) and reference values (ReV) are not pollutant standards, and are used 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 or Rev. 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 and annual ESL or ReV.