

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

<b>Chemical</b>	<b>num</b>	<b>mean*</b>	<b>Annual ESL or ReV</b>	<b>p90</b>	<b>p99</b>	<b>max*</b>	<b>1-Hour ESL or ReV</b>
Ethane	1773	4.87	1,000	12.72	44.38	80.39	10,000
Ethylene	1773	0.67	30	1.46	7.61	19.33	1,200
Propane	1773	4.23	1,000	11.22	48.16	107.39	10,000
Propylene	1686	0.92	500	1.41	17.71	118.21	5,000
n-Butane	1773	2	800	4.98	27.15	67.84	8,000
Isobutane	1773	1.62	204	4.08	23	42.21	2,040
1,3-Butadiene	1773	0.04	4.5	0.08	0.27	2.29	230
1-Butene	1773	0.11	---	0.13	2.49	7.09	360
c-2-Butene	1773	0.1	---	0.09	2.3	6.73	2,100
t-2-Butene	1773	0.14	---	0.12	2.96	9.26	2,100
n-Pentane	1773	1.22	120	2.54	16.19	77.14	1,200
Isopentane	1773	1.97	120	4.35	25.22	78.05	1,200
1-Pentene	1773	0.05	---	0.1	0.61	1.53	100
c-2-Pentene	1773	0.05	---	0.09	0.76	2.13	2,600
t-2-Pentene	1773	0.1	---	0.16	1.41	3.93	2,600
Benzene	1771	0.52	1.4	0.88	9.27	51.15	180
Cyclohexane	1771	0.14	42	0.39	1.81	5.17	420
n-Hexane	1771	0.4	57	0.97	4.71	13.57	1,500
Toluene	1771	0.52	330	1.32	4.09	11.72	170
p-Xylene + m-Xylene	1771	0.23	42	0.52	2.32	4.7	41
o-Xylene	1771	0.08	42	0.2	0.71	1.54	380
Ethyl Benzene	1771	0.06	46	0.15	0.58	1.63	460
Isopropyl Benzene - Cumene	1771	0.02	10	0.03	0.29	1.37	100
1,2,3-Trimethylbenzene	1771	0.03	25	0.07	0.26	0.46	250
1,2,4-Trimethylbenzene	1771	0.09	25	0.19	0.68	1.93	250
1,3,5-Trimethylbenzene	1771	0.03	25	0.08	0.29	0.71	250
n-Decane	1771	0.03	175	0.06	0.22	0.79	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.