

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) with Statistical Data
Quarter Ending 3-31-06**

Chemical	num	mean*	Annual ESL or ReV	p90	p99	max*	1-Hour ESL or ReV
Ethane	1795	10.16	1,000	23.77	64.71	295.48	10,000
Ethylene	1795	1.12	30	2.35	7.58	73.05	1,200
Propane	1795	7.26	1,000	18.83	57.84	185.28	10,000
Propylene	1795	1.12	500	2.84	11.06	23.55	5,000
n-Butane	1795	4.39	800	10.87	32.82	129.15	8,000
Isobutane	1795	3.33	204	8.11	23.72	95.39	2,040
1,3-Butadiene	1795	0.05	4.5	0.09	0.32	7.1	230
1-Butene	1795	0.17	---	0.38	2.32	5.94	360
c-2-Butene	1795	0.16	---	0.33	2.27	4.53	2,100
t-2-Butene	1795	0.21	---	0.42	3.02	5.98	2,100
n-Pentane	1795	1.46	120	3.79	15.15	44.81	1,200
Isopentane	1795	2.65	120	7.2	18.64	76.75	1,200
1-Pentene	1795	0.05	---	0.12	0.41	1.6	100
c-2-Pentene	1795	0.05	---	0.12	0.44	2.17	2,600
t-2-Pentene	1795	0.1	---	0.23	0.84	4.76	2,600
Benzene	1795	0.81	1.4	1.79	8.39	46.03	180
Cyclohexane	1795	0.33	42	0.85	3.53	32.07	420
n-Hexane	1795	0.71	57	1.64	8.05	19.64	1,500
Toluene	1794	0.68	330	1.64	5	15.3	170
p-Xylene + m-Xylene	1795	0.26	42	0.64	1.96	7.92	41
o-Xylene	1795	0.1	42	0.22	0.62	1.53	380
Ethyl Benzene	1795	0.07	46	0.18	0.52	1.21	460
Isopropyl Benzene - Cumene	1795	0.03	10	0.08	0.47	1.72	100
1,2,3-Trimethylbenzene	662	0.01	25	0.04	0.13	0.37	250
1,2,4-Trimethylbenzene	1795	0.08	25	0.18	0.76	7.3	250
1,3,5-Trimethylbenzene	1795	0.04	25	0.09	0.31	0.79	250
n-Decane	1795	0.04	175	0.07	0.53	1.3	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.