

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) with Statistical Data
Quarter Ending 6-30-08**

Chemical	num	mean*	Annual ESL or ReV	p90	p99	max*	1-Hour ESL or ReV
Ethane	1948	3.49	1,000	8.07	24.3	69.81	10,000
Ethylene	1948	0.36	30	0.57	2.4	31.6	1,200
Propane	1947	1.76	1,000	4.91	18.77	57.57	10,000
Propylene	1948	0.22	500	0.45	1.71	5.39	5,000
n-Butane	1948	1.31	800	3.56	14.57	45.43	8,000
Isobutane	1948	0.85	204	2.14	10.49	35.33	2,040
1,3-Butadiene	1948	0.03	4.5	0.05	0.16	1.1	230
1-Butene	1948	0.05	---	0.07	0.38	2.3	360
c-2-Butene	1948	0.05	---	0.07	0.51	5.94	2,100
t-2-Butene	1948	0.1	---	0.13	0.73	6.69	2,100
n-Pentane	1948	0.53	120	1.36	4.95	14.52	1,200
Isopentane	1948	1.1	120	2.83	9.94	26.96	1,200
1-Pentene	1948	0.02	---	0.05	0.19	0.95	100
c-2-Pentene	1948	0.01	---	0.03	0.16	0.84	2,600
t-2-Pentene	1948	0.05	---	0.09	0.4	2.02	2,600
Benzene	1948	0.14	1.4	0.38	1.37	3.72	180
Cyclohexane	1948	0.07	42	0.19	1.02	3.2	420
n-Hexane	1947	0.14	57	0.47	1.52	5.52	1,500
Toluene	1948	0.27	330	0.53	2.15	6.66	170
p-Xylene + m-Xylene	1948	0.07	42	0.12	0.67	1.49	41
o-Xylene	1948	0.03	42	0.05	0.21	1.85	380
Ethyl Benzene	1948	0.02	46	0.05	0.19	0.47	460
Isopropyl Benzene - Cumene	1948	0.01	10	0	0.33	0.56	100
1,2,3-Trimethylbenzene	1905	0.01	25	0.02	0.09	2.31	250
1,2,4-Trimethylbenzene	1905	0.05	25	0.08	0.23	10.49	250
1,3,5-Trimethylbenzene	1905	0.01	25	0.02	0.08	3.46	250
n-Decane	1905	0.01	175	0.02	0.1	0.28	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.