

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) with Statistical Data
Quarter Ending 3-31-09**

Chemical	num	mean*	Annual ESL or ReV	p90	p99	max*	1-Hour ESL or ReV
Ethane	1950	8.78	1,000	18.85	63.66	192.52	10,000
Ethylene	1948	0.75	30	1.38	8.29	51.61	1,200
Propane	1950	5.66	1,000	13.03	52.04	206.86	10,000
Propylene	1946	0.41	500	0.85	3.59	69.8	5,000
n-Butane	1950	3.46	800	8.01	31.1	127.01	8,000
Isobutane	1949	2	204	4.85	18.21	65.46	2,040
1,3-Butadiene	1947	0.02	4.5	0.05	0.2	0.65	230
1-Butene	1944	0.06	---	0.14	0.52	2.05	360
c-2-Butene	1948	0.04	---	0.11	0.54	2.29	2,100
t-2-Butene	1947	0.07	---	0.15	0.6	1.91	2,100
n-Pentane	1950	1.48	120	3.46	17.79	72.28	1,200
Isopentane	1950	2.33	120	5.21	25.38	123.12	1,200
1-Pentene	64	0.02	---	0.04	0.3	0.3	100
c-2-Pentene	64	0.02	---	0.03	0.29	0.29	2,600
t-2-Pentene	64	0.04	---	0.06	0.61	0.61	2,600
Benzene	1950	0.43	1.4	1.04	4.41	7.13	180
Cyclohexane	1950	0.18	42	0.53	2.09	5.9	420
n-Hexane	1950	0.51	57	1.18	6.16	25.71	1,500
Toluene	1950	0.76	330	1.69	7.29	30.12	170
p-Xylene + m-Xylene	1950	0.18	42	0.38	1.65	7.5	41
o-Xylene	1950	0.06	42	0.13	0.57	2.04	380
Ethyl Benzene	1950	0.05	46	0.12	0.51	2.33	460
Isopropyl Benzene - Cumene	1950	0.02	10	0.04	0.47	1.33	100
1,2,3-Trimethylbenzene	1950	0.01	25	0.03	0.22	0.49	250
1,2,4-Trimethylbenzene	1950	0.04	25	0.09	0.43	1	250
1,3,5-Trimethylbenzene	1950	0.01	25	0.03	0.23	0.5	250
n-Decane	1949	0.02	175	0.04	0.31	1.09	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.