

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) with Statistical Data
Quarter Ending 12-31-08**

Chemical	num	mean*	Annual ESL or ReV	p90	p99	max*	1-Hour ESL or ReV
Ethane	1911	10.62	1,000	23.78	70.46	267.67	10,000
Ethylene	1911	1.01	30	2.3	9.4	48.63	1,200
Propane	1912	7.54	1,000	17.29	75.2	346.74	10,000
Propylene	1912	0.55	500	1.33	3.74	9.89	5,000
n-Butane	1912	4.97	800	10.24	49.74	255.66	8,000
Isobutane	1912	2.99	204	7.02	25.19	58.04	2,040
1,3-Butadiene	1912	0.05	4.5	0.11	0.4	1.36	230
1-Butene	1912	0.09	---	0.25	0.62	1.4	360
c-2-Butene	1912	0.08	---	0.23	0.65	1.49	2,100
t-2-Butene	1912	0.11	---	0.28	0.71	1.83	2,100
n-Pentane	1912	2.06	120	4.19	22.23	88.91	1,200
Isopentane	1912	3.35	120	6.96	27.92	134.51	1,200
1-Pentene	1382	0.03	---	0.08	0.39	2.58	100
c-2-Pentene	1382	0.03	---	0.09	0.27	0.62	2,600
t-2-Pentene	1382	0.07	---	0.19	0.58	0.88	2,600
Benzene	1911	0.63	1.4	1.32	5.99	16.31	180
Cyclohexane	1911	0.3	42	0.78	3.12	12.51	420
n-Hexane	1911	0.75	57	1.5	10.46	37.8	1,500
Toluene	1911	1	330	2.29	8.77	18.39	170
p-Xylene + m-Xylene	1911	0.28	42	0.7	2.14	5.44	41
o-Xylene	1911	0.09	42	0.23	0.67	1.56	380
Ethyl Benzene	1911	0.08	46	0.2	0.62	1.75	460
Isopropyl Benzene - Cumene	1911	0.07	10	0.12	0.54	54	100
1,2,3-Trimethylbenzene	1910	0.03	25	0.07	0.26	0.42	250
1,2,4-Trimethylbenzene	1911	0.07	25	0.18	0.62	0.97	250
1,3,5-Trimethylbenzene	1911	0.03	25	0.09	0.3	0.58	250
n-Decane	1911	0.03	175	0.07	0.33	0.98	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.