

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) With Statistical Data
Quarter Ending 12-31-06**

| Chemical | num | mean* | Annual | | | | max* | 1-Hour ESL |
|---------------|------|-------|--------|-------|-------|--------|-------|------------|
| | | | ESL | p90 | p99 | | | |
| Ethane | 1916 | 11.66 | 1000 | 26.29 | 81.32 | 185.78 | 10000 | |
| Ethylene | 1916 | 1.47 | 105 | 3.63 | 10.37 | 61.38 | 1049 | |
| Propane | 1916 | 9.61 | 1000 | 27.14 | 71.12 | 181.65 | 10000 | |
| Propylene | 1916 | 1.47 | | 4.31 | 16.61 | 30.44 | 68100 | |
| nButane | 1916 | 5.87 | 800 | 14.55 | 38.66 | 353.35 | 8000 | |
| Isobutane | 1916 | 4.00 | 203 | 11.41 | 29.77 | 75.91 | 2025 | |
| 13Butadiene | 1916 | 0.09 | 5 | 0.15 | 0.46 | 8.66 | 50 | |
| 1Butene | 1916 | 0.24 | 7 | 0.62 | 2.69 | 5.31 | 70 | |
| c2Butene | 1916 | 0.22 | 60 | 0.55 | 2.50 | 4.84 | 600 | |
| t2Butene | 1916 | 0.36 | 60 | 0.77 | 3.55 | 6.60 | 600 | |
| nPentane | 1915 | 2.87 | 120 | 7.77 | 25.92 | 57.35 | 1200 | |
| Isopentane | 1915 | 4.08 | 120 | 11.09 | 29.01 | 65.42 | 1200 | |
| 1Pentene | 1915 | 0.09 | 3 | 0.23 | 0.59 | 1.15 | 30 | |
| c2Pentene | 1915 | 0.08 | 3 | 0.23 | 0.67 | 1.04 | 30 | |
| t2Pentene | 1916 | 0.16 | 3 | 0.44 | 1.29 | 1.96 | 30 | |
| Benzene | 1915 | 1.14 | 1 | 2.38 | 14.05 | 26.32 | 25 | |
| Cyclohexane | 1915 | 0.34 | 42 | 1.00 | 2.55 | 7.72 | 420 | |
| nHexane | 1915 | 0.92 | 50 | 2.53 | 6.56 | 47.26 | 500 | |
| Toluene | 1915 | 0.97 | 50 | 2.07 | 7.73 | 23.24 | 500 | |
| mpXylene | 1915 | 0.34 | 48 | 0.75 | 2.07 | 8.57 | 480 | |
| oXylene | 1915 | 0.11 | 85 | 0.23 | 0.65 | 2.25 | 850 | |
| Ethyl_Benzene | 1915 | 0.10 | 46 | 0.21 | 0.63 | 2.15 | 460 | |
| Cumene | 1915 | 0.05 | 10 | 0.16 | 0.70 | 2.13 | 100 | |
| 124_tmb | 1914 | 0.11 | 25 | 0.22 | 0.84 | 8.20 | 250 | |

NOTES:

* Bordered cells denote values greater than ESL.

1. Because data quality assurance is an on-going process, reported concentrations are subject to change.

2. Effects screening levels are not pollutant standards, and are used qualitatively 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. 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 an annual ESL.