

**AutoGC Summary Statistics for 48\_355\_0035 -- Oak Park [32]**  
**Date Range: 3rd Quarter 2010 -- July 1, 2010 00:00 CST to October 1, 2010 00:00 CST**

**Total Samples Possible: 2208**

**Sorted by: Elution order**

| Species                          | Param | CAS Number | Num Ambient Samples | Peak 1-Hour Value | Peak 24-Hour Value | Mean  | Num Over Odor | Num Over        |        | Mean Over  |        |
|----------------------------------|-------|------------|---------------------|-------------------|--------------------|-------|---------------|-----------------|--------|------------|--------|
|                                  |       |            |                     |                   |                    |       |               | Short-Term AMCV | Health | Vegetation | Health |
| Ethane ppb-v                     | 43202 | 74-84-0    | 1654                | 71.268            | 18.84              | 3.501 | 0             |                 |        |            |        |
| Ethylene ppb-v                   | 43203 | 74-85-1    | 1654                | 43.084            | 3.864              | 0.499 | 0             | 0               | 0      | No         | No     |
| Propane ppb-v                    | 43204 | 74-98-6    | 1654                | 161.42            | 16.695             | 2.488 | 0             |                 |        |            |        |
| Propylene ppb-v                  | 43205 | 115-07-1   | 1637                | 11.3              | 1.737              | 0.297 | 0             |                 |        |            |        |
| Isobutane ppb-v                  | 43214 | 75-28-5    | 1654                | 104.112           | 6.853              | 1.054 | 0             |                 | 0      |            | No     |
| n-Butane ppb-v                   | 43212 | 106-97-8   | 1654                | 410.923           | 25.77              | 1.699 | 0             |                 | 0      |            | No     |
| t-2-Butene ppb-v                 | 43216 | 624-64-6   | 1653                | 4.883             | 0.465              | 0.051 | 0             |                 | 0      |            |        |
| 1-Butene ppb-v                   | 43280 | 106-98-9   | 1653                | 4.898             | 0.475              | 0.047 | 0             |                 | 0      |            |        |
| c-2-Butene ppb-v                 | 43217 | 590-18-1   | 1653                | 6.407             | 0.366              | 0.037 | 0             |                 | 0      |            |        |
| Isopentane ppb-v                 | 43221 | 78-78-4    | 1654                | 402.74            | 25.318             | 1.557 | 0             |                 | 0      |            | No     |
| n-Pentane ppb-v                  | 43220 | 109-66-0   | 1654                | 435.96            | 27.3               | 1.14  | 0             |                 | 0      |            | No     |
| 1,3-Butadiene ppb-v              | 43218 | 106-99-0   | 1654                | 1.538             | 0.102              | 0.031 | 0             |                 | 0      |            | No     |
| t-2-Pentene ppb-v                | 43226 | 646-04-8   | 1654                | 2.893             | 0.172              | 0.048 |               |                 | 0      |            |        |
| 1-Pentene ppb-v                  | 43224 | 109-67-1   | 1654                | 1.387             | 0.077              | 0.027 | 0             |                 | 0      |            |        |
| c-2-Pentene ppb-v                | 43227 | 627-20-3   | 1654                | 0.558             | 0.147              | 0.03  |               |                 | 0      |            |        |
| n-Hexane ppb-v                   | 43231 | 110-54-3   | 1655                | 196.289           | 13.119             | 0.502 | 0             |                 | 0      |            | No     |
| Benzene ppb-v                    | 45201 | 71-43-2    | 1655                | 38.847            | 2.673              | 0.271 | 0             |                 | 0      |            | No     |
| Cyclohexane ppb-v                | 43248 | 110-82-7   | 1655                | 87.371            | 6.107              | 0.209 | 0             |                 | 0      |            | No     |
| Toluene ppb-v                    | 45202 | 108-88-3   | 1655                | 38.703            | 3.08               | 0.364 | 0             |                 | 0      |            | No     |
| Ethyl Benzene ppb-v              | 45203 | 100-41-4   | 1654                | 2.56              | 0.221              | 0.041 | 0             |                 | 0      |            | No     |
| p-Xylene + m-Xylene ppb-v        | 45109 |            | 1654                | 13.218            | 1.095              | 0.153 | 0             |                 | 0      |            | No     |
| o-Xylene ppb-v                   | 45204 | 95-47-6    | 1654                | 3.139             | 0.259              | 0.048 | 0             |                 | 0      |            | No     |
| Isopropyl Benzene - Cumene ppb-v | 45210 | 98-82-8    | 1654                | 2.062             | 0.281              | 0.017 | 0             |                 | 0      |            | No     |
| 1,3,5-Trimethylbenzene ppb-v     | 45207 | 108-67-8   | 1655                | 0.984             | 0.07               | 0.019 |               |                 | 0      |            | No     |
| 1,2,4-Trimethylbenzene ppb-v     | 45208 | 95-63-6    | 1655                | 1.39              | 0.179              | 0.051 |               |                 | 0      |            | No     |
| n-Decane ppb-v                   | 43238 | 124-18-5   | 1655                | 2.425             | 0.231              | 0.039 | 0             |                 | 0      |            | No     |
| 1,2,3-Trimethylbenzene ppb-v     | 45225 | 526-73-8   | 1655                | 0.879             | 0.062              | 0.022 |               |                 | 0      |            | No     |

Only data with a sample date/time that is greater than or equal to the starting date/time and less than the ending date/time is included in the report.

The starting time is set to midnight of the first day and the ending time is set to midnight of the last day.

"Total Samples Possible" is calculated from the total number of hours between the starting date/time and the ending date/time and may not represent the actual time the instrument was operational.

The "Num Ambient Samples" column includes all ambient samples, including those that are not flagged as validated.

The "Mean" is calculated as a weighted average of daily averages and takes into account the number of samples flagged ambient for each day.

The "Mean Over Long-Term" column is an indication of whether or not the calculated mean is over the established long-term Air Monitoring Comparison Level and may not correspond to an actual exceedance.