

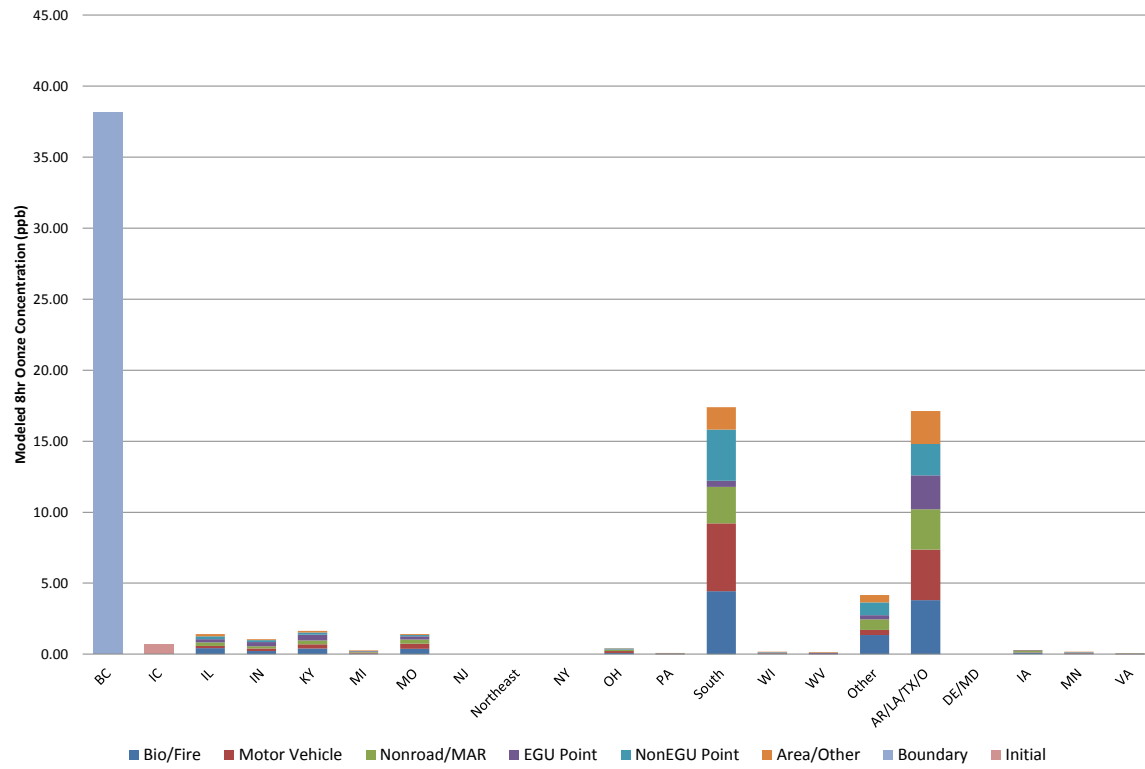
Monitor 471570021 Shelby, Tennessee

2018 OSAT Results (Modeled ppb)

| Row Labels | Bio/Fire | Motor Vehicle | Nonroad/MAR | EGU Point | NonEGU Point | Area/Other | Boundary | Initial | Total | % of Total |
|--------------------|--------------|---------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| BC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 38.14 | 0.00 | 38.14 | 45% |
| IC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.67 | 1% |
| IL | 0.43 | 0.15 | 0.24 | 0.24 | 0.19 | 0.16 | 0.00 | 0.00 | 1.41 | 2% |
| IN | 0.22 | 0.19 | 0.15 | 0.29 | 0.14 | 0.07 | 0.00 | 0.00 | 1.06 | 1% |
| KY | 0.40 | 0.30 | 0.27 | 0.39 | 0.17 | 0.12 | 0.00 | 0.00 | 1.65 | 2% |
| MI | 0.05 | 0.06 | 0.04 | 0.04 | 0.04 | 0.04 | 0.00 | 0.00 | 0.27 | 0% |
| MO | 0.38 | 0.35 | 0.30 | 0.23 | 0.09 | 0.07 | 0.00 | 0.00 | 1.42 | 2% |
| NJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| Northeast | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| NY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| OH | 0.08 | 0.15 | 0.08 | 0.03 | 0.06 | 0.03 | 0.00 | 0.00 | 0.43 | 1% |
| PA | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.00 | 0.00 | 0.08 | 0% |
| South | 4.43 | 4.79 | 2.57 | 0.42 | 3.61 | 1.56 | 0.00 | 0.00 | 17.38 | 21% |
| WI | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.17 | 0% |
| WV | 0.01 | 0.01 | 0.01 | 0.06 | 0.02 | 0.05 | 0.00 | 0.00 | 0.16 | 0% |
| Other | 1.34 | 0.38 | 0.74 | 0.28 | 0.90 | 0.53 | 0.00 | 0.00 | 4.17 | 5% |
| AR/LA/TX/O | 3.80 | 3.56 | 2.85 | 2.38 | 2.22 | 2.31 | 0.00 | 0.00 | 17.12 | 20% |
| DE/MD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| IA | 0.11 | 0.03 | 0.08 | 0.04 | 0.03 | 0.01 | 0.00 | 0.00 | 0.30 | 0% |
| MN | 0.05 | 0.03 | 0.04 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.18 | 0% |
| VA | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.05 | 0% |
| Grand Total | 11.37 | 10.06 | 7.42 | 4.46 | 7.53 | 5.01 | 38.14 | 0.67 | 84.66 | 100% |

Shelby, Tennessee

2018 OSAT Results - 75 ppb Threshold Day Average



OSAT-> 84.66 MATS-> 71.2 Ratio-> 0.841

Monitor 471570021 Shelby, Tennessee

2018 OSAT Results (MATS Adjusted ppb)

| Region | Bio/Fire | Motor Vehicle | Nonroad/MAR | EGU Point | NonEGU Point | Area/Other | Boundary | Initial | Total | % of Total |
|--------------------|-------------|---------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| BC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 32.08 | 0.00 | 32.08 | 45% |
| IC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.56 | 1% |
| IL | 0.36 | 0.13 | 0.20 | 0.20 | 0.16 | 0.13 | 0.00 | 0.00 | 1.19 | 2% |
| IN | 0.19 | 0.16 | 0.13 | 0.24 | 0.12 | 0.06 | 0.00 | 0.00 | 0.89 | 1% |
| KY | 0.34 | 0.25 | 0.23 | 0.33 | 0.14 | 0.10 | 0.00 | 0.00 | 1.39 | 2% |
| MI | 0.04 | 0.05 | 0.03 | 0.03 | 0.03 | 0.03 | 0.00 | 0.00 | 0.23 | 0% |
| BC | 0.32 | 0.29 | 0.25 | 0.19 | 0.08 | 0.06 | 0.00 | 0.00 | 1.19 | 2% |
| NJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| Northeast | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| NY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| OH | 0.07 | 0.13 | 0.07 | 0.03 | 0.05 | 0.03 | 0.00 | 0.00 | 0.36 | 1% |
| PA | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.00 | 0.00 | 0.07 | 0% |
| South | 3.73 | 4.03 | 2.16 | 0.35 | 3.04 | 1.31 | 0.00 | 0.00 | 14.62 | 21% |
| WI | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.14 | 0% |
| WV | 0.01 | 0.01 | 0.01 | 0.05 | 0.02 | 0.04 | 0.00 | 0.00 | 0.13 | 0% |
| Other | 1.13 | 0.32 | 0.62 | 0.24 | 0.76 | 0.45 | 0.00 | 0.00 | 3.51 | 5% |
| AR/LA/TX/O | 3.20 | 2.99 | 2.40 | 2.00 | 1.87 | 1.94 | 0.00 | 0.00 | 14.40 | 20% |
| DE/MD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| IA | 0.09 | 0.03 | 0.07 | 0.03 | 0.03 | 0.01 | 0.00 | 0.00 | 0.25 | 0% |
| MN | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.15 | 0% |
| VA | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.04 | 0% |
| Grand Total | 9.56 | 8.46 | 6.24 | 3.75 | 6.33 | 4.21 | 32.08 | 0.56 | 71.20 | 100% |

Shelby, Tennessee

2018 OSAT Results - 75 ppb Threshold Day Average

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