Table 6-2. Summary of Conclusions from Smog Chamber Experiments

| CHAMBER STUDY | MAXIMAL NO$_2$ | | AVERAGE NO$_2$ | |
	Dependence on NO$_x$	Dependence on HC	Dependence on NO$_x$	Dependence on HC
University of North Carolina[32]	Proportional or slightly less than proportional	50% HC reduction reduces maximal NO$_2$ by 10% to 20%	Proportional or slightly less than proportional	Uncertain, 50% HC reduction may decrease average NO$_2$ by 20% or may increase average NO$_2$
Bureau of Mines[33,34]	Proportional	No effect	Proportional	50% HC reduction increases average NO$_2$ by 10% to 30%
General Motors[35]	Slightly less than proportional	50% HC reduction reduces maximal NO$_2$ by 25%	Proportional to slightly less than proportional	No effect
HEW, Auto Exhaust[36]	------------	------------	Proportional	No consistent effect
HEW, Toluene[37]	------------	------------	Proportional	No effect

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