Supplemental Table 1. All data (mean ± standard deviation) and subject numbers are tabulated for clarity. In situ zymography was only conducted on a limited number of subjects (described in parantheses), and lost data due to inadequate sample preparation are similarly indicated by a parenthetical notation of the total subject number for specific assays. †Note that for mRNA endpoints (HO-1, MMP-9, TIMP2, and ET-1) from the gas-only studies, control samples were pooled and so 20 samples were used for comparisons.

	N	ET-1	MMP9	HO-1	TIMP2	TBARS	In Situ
Control (Gas)	6	1.00±0.55	1.00±0.50	1.00±0.63	1.00±0.54	8.80±3.60	1.00±0.12 (6)
Gasoline	6	2.24±0.75	1.84±0.69	0.29±0.34	2.77±1.13	14.92±2.65	1.86±0.15 (5)
Control (DE)	10	1.00±0.30 (7)	1.00±0.41 (7)	1.00±0.23 (8)	1.00±0.59 (8)	6.85±2.98	1.00±0.13 (6)
Diesel	10	1.24±0.18 (9)	1.62±0.38 (8)	1.03±0.23 (9)	1.28±0.45 (8)	17.5±6.08	1.06±0.14 (7)
Control (HWS)	10	1.00±0.25	1.00±0.27	1.00±0.48	1.00±0.30	8.05±3.15	1.00±0.15 (6)
Hardwood Smoke	10	1.00±0.22	0.89±0.30	1.60±1.22	0.93±0.44	9.95±4.52	1.39±0.29 (6)
Control (SDCCA)	10	1.00±0.25	1.00±0.27	1.00±0.17	1.00±0.29	6.55±2.60	1.00±0.06 (6)
SDCCA	10	1.00±0.22	0.89±.30	1.02±0.33	1.16±0.26	7.2±2.59	1.03±0.25 (6)
Control (acid)	14	1.00±0.55	1.00±0.60	1.00±0.34	1.00±0.63	9.75±3.90	1.00±0.22 (11)
SOA (Acid)	13	0.89±0.39	0.84±0.56	0.77±0.39	0.62±0.35	8.65±2.60	0.94±0.27 (11)
Control (neutral)	10	1.00±0.25	1.00±0.35	1.00±0.34	1.00±0.48	7.35±1.03	1.00±0.45 (10)
SOA (neutral)	10	0.97±0.55	0.73±0.24	1.21±0.54	0.66±0.25	7.55±3.14	0.97±0.31 (9)
Control (all gases)	20	1.00±0.48†	1.00±0.51†	1.00±0.90†	1.00±0.64†	5.67 ± 0.61	1.00 ±0.16 (5)
8 ppm CO	10	0.93±0.25	1.03±0.68	0.62±0.31	1.03±0.75	ND	ND
80 ppm CO	10	2.03±1.34 (9)	1.81±0.77 (9)	1.69±1.00 (9)	1.41±0.24 (9)	5.11 ± 2.2	1.32±0.11 (5)
0.2 ppm NO	10	0.67±0.46 (8)	1.56±0.82 (8)	1.39±0.63 (8)	1.58±0.54 (8)	ND	ND
2.0 ppm NO	10	1.36±0.45 (8)	1.07±.037 (8)	1.09±0.53 (8)	1.06±0.37 (8)	ND	ND
17 ppm NO	10	1.98±0.87 (9)	1.91±0.69 (9)	1.37±0.78 (9)	1.21±0.63 (9)	5.20 ± 0.59	1.32±0.08 (5)
0.2 ppm NO_2	10	1.11±0.56	0.89±0.29	0.76±0.33	0.78±0.39	ND	ND
2.0 ppm NO_2	10	0.97±0.36	1.11±0.55	0.49±0.30	0.78±0.38	5.10 ± 0.88 (9)	1.19±0.15 (5)