

Initial RH	No. of experiments	NO <sub>x</sub> ppm	Toluene ppm	H <sub>2</sub> O <sub>2</sub> ppm	SOA from SMPS μg m <sup>-3</sup>	Wall-loss-corrected SOA μg m <sup>-3</sup>	SOA yield (%)
Low NO <sub>x</sub> – high toluene							
< 2	4	–	1.0	2.0	180 ± 20	210 ± 20	15 ± 2
20 ± 3	2	–	1.0	2.0	76 ± 4	87 ± 6	6.2 ± 0.5
43	1	–	1.0	2.0	74	84	5.9
76 ± 1	4	–	1.0	2.0	27 ± 7	28 ± 7	2.0 ± 0.5
89 ± 1	2	–	1.0	2.0	25 ± 8	26 ± 9	1.9 ± 0.6
Low NO <sub>x</sub> – lower toluene							
< 2	1	–	0.3	0.6	23	27	5.5
75	1	–	0.3	0.6	8	9	2.2
High NO <sub>x</sub> – high toluene							
< 2	1	0.3	1.0	2.0	330	390	27
43	1	0.3	1.0	2.0	210	260	18
77	1	0.3	1.0	2.0	230	270	19