

## Experiment SOA08-2

<T> = (293.2) K; P = (1002) hPa; [H<sub>2</sub>O] = (~9500) ppm; r. h. = (~40) %

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T °C	r.h. %
10.11.08			Filling with water vapour and synthetic air			
11.11.08						
	9:03:00	9:03:04	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	<b>9:19</b>	9:30	+ (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -Particles (Atomizer, 1wt% in water)			
	9:56	9:58	+ $\alpha$ -Pinene (4.1 hPa *(600/1006) /1l) with 6 SLM			
	11:02	11:04	+ 3-Pentanol (5 hPa *(360/1015) /1l) with 6 SLM			
	11:12:00	11:12:06	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	11:54	11:55	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	11:55	15:00	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	16:06	16:56	N1 (3 SLM for IC analysis)			
	17:30		Start pumping & flushing			

N = Nylon filter sample , T= Teflon filter sample (via Apiezon L Denuder)