

## Experiment SOA08-1

<T> = (293.2) K; P = (1007) hPa; [H<sub>2</sub>O] = (~9160) ppm; r. h. = (~40) %

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T °C	r.h. %
08.11.08			Filling with water vapour and synthetic air			
10.11.08						
	10:02	10:02:05	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	<b>10:32</b>	10:39	+ (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -Particles (Atomizer, 1wt% in water)			
	10:56	11:00	+ $\alpha$ -Pinene (4.1 hPa *(440/1044) /1l) with 6 SLM			
	12:12	12:12:05	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	14:01	14:02:10	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	14:02:10	15:10	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	16:17	16:19	+ 3-Pentanol (5 hPa *(187/1038) /1l) with 6 SLM			
	16:58	16:59	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	16:59	19:02	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	19:03	19:06	+ TME (1000 ppm/N <sub>2</sub> ) with 1.0 SLM			
	19:33		Start pumping & flushing			

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