

## Experiment SOA08-8

$\langle T \rangle = (303.2) \text{ K}$ ;  $P = (1009) \text{ hPa}$ ;  $[\text{H}_2\text{O}] = (\sim 14790) \text{ ppm}$ ;  $r. h. = (\sim 35) \%$

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T $^\circ\text{C}$	r.h. %
18.11.08			Filling with water vapour and synthetic air			
19.11.08						
	09:30:00	09:30:10	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	<b>10:01</b>	10:04	+ $\alpha$ -Pinene (4.1 hPa $\cdot$ (347.8/1017.4) /1l) with 6 SLM			
	11:32	11:33	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	11:33	12:52	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	13:19	13:21	+ Isoprene (5.0 hPa/1 l) with 6 SLM			
	13:34	13:34:03	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	14:02	14:04	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	14:04	15:26	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	15:34:30	15:36:30	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	17:10		Start pumping & flushing			

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