

Experiment SOA08-6

$\langle T \rangle = (313.2) \text{ K}$; $P = (1013) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 14500) \text{ ppm}$; $r. h. = (\sim 20) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
15.11.08			Filling with water vapour and synthetic air			
17.11.08						
	10:02	10:02:04	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	10:12	10:20	+ (NH ₄) ₂ SO ₄ -Particles (Atomizer, 1wt% in water)			
	10:51	10:53	+ α -Pinene (4.5 hPa/1l) with 6 SLM			
	11:41	11:43	+ 3-Pentanol (5.0 hPa * (219/1017) /1l) with 6 SLM			
	11:52	11:52:07	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	12:47:20	12:48:20	+ TME (1000 ppm/N ₂) with 100 SCCM			
	12:48:20	15:16	+ TME (1000 ppm/N ₂) with 30 SCCM			
	17:30	18:20	+ Test adding cis-pinonic acid (1 SLM/ oven: 111 $^\circ\text{C}$)			
	16:15	17:05	N1 (3 SLM for IC analysis)			
	19:07		Start pumping & flushing			

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