

Experiment SOA08-5

$\langle T \rangle = (253.2) \text{ K}$; $P = (1013) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 510) \text{ ppm}$; $r. h. = (\sim 40) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
13.11.08			Filling with water vapour and synthetic air			
14.11.08						
	9:17:00	9:17:05	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	9:32	9:38:30	+ (NH ₄) ₂ SO ₄ -Particles (Atomizer, 1wt% in water)			
	10:02	10:05	+ α -Pinene (4.1 hPa \cdot (40/1022) /1l) with 6 SLM			
	10:59:20	10:59:28	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	11:38	11:40	+ 3-Pentanol (5.0 hPa \cdot (202.5/1044) /1l) with 6 SLM			
	12:29	12:30	+ TME (1000 ppm/N ₂) with 100 SCCM			
	12:30	15:03	+ TME (1000 ppm/N ₂) with 30 SCCM			
	15:16	15:18	+ Isoprene (10 hPa/1l) with 6 SLM			
	15:47	16:37	N1 (3 SLM for IC analysis)			
	15:53	16:43	+ TME (1000 ppm/N ₂) with 30 SCCM			
	17:35	17:37:30	+ TME (1000 ppm/N ₂) with 100 SCCM			
	17:37:30	18:37	+ TME (1000 ppm/N ₂) with 30 SCCM			
	19:02		Start pumping & flushing			

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