

Experiment SOA08-11

$\langle T \rangle = (313.4) \text{ K}$; $P = (981-986) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 16040-15640) \text{ ppm}$; $r. h. = (\sim 20) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
22.11.08			Filling with water vapour and synthetic air			
24.11.08						
	10:24:20	10:24:31	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	10:38	10:40	+ Limonene (1.3 hPa in 1l) with 6 SLM			
	11:37	11:39	+ 3-Pentanol (5.0 hPa \cdot (201/1002) /1l) with 6 SLM			
	11:56	11:58	+ Limonene (1.3 hPa in 1l) with 6 SLM			
	13:38	13:39	+ TME (1000 ppm/N ₂) with 100 SCCM			
	13:39	14:52	+ TME (1000 ppm/N ₂) with 30 SCCM			
	15:39	15:40	+ TME (1000 ppm/N ₂) with 100 SCCM			
	15:40	17:01	+ TME (1000 ppm/N ₂) with 30 SCCM			
	17:03	17:05	+ Limonene (1.3 hPa in 1l) with 6 SLM			
	17:29	17:30				
	17:30	19:16				
	20:00		Start pumping & flushing			

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