

Experiment SOA08-14

$\langle T \rangle = (293.4) \text{ K}$; $P = (1012-1002) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 10200-9942) \text{ ppm}$; $r. h. = (\sim 40) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
26.11.08			Filling with water vapour and synthetic air			
27.11.08						
	9:58:00	9:58:11	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	10:19	10:21	+ α -Pinene (4.1 hPa (703/1011) in 1l) with 6 SLM			
	11:44	11:47	+ 3-Pentanol (5.0 hPa *(242/1016) /1l) with 6 SLM			
	12:31	12:32	+ TME (984 ppm/N ₂) with 100 SCCM			
	12:32	16:12	+ TME (984 ppm/N ₂) with 30 SCCM			
	16:22:00	16:22:06	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	16:26	16:27	+ TME (984 ppm/N ₂) with 100 SCCM			
	16:27	23:04	+ TME (984 ppm/N ₂) with 30 SCCM			
	23:08	23:10	+ 3-Pentanol (5.0 hPa *(222/1045) /1l) with 6 SLM			
	23:13	23:15	+ TME (984 ppm/N ₂) with 100 SCCM			
28.11.08	23:15	24:43	+ TME (984 ppm/N ₂) with 30 SCCM			
			Start pumping & flushing			

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