

	Technique	Time resolution	1σ precision	1σ accuracy
OH	LIF	47 s	$0.3 \times 10^6 \text{ cm}^{-3}$	13 %
OH	DOAS	200 s	$0.8 \times 10^6 \text{ cm}^{-3}$	6.5 %
HO ₂	LIF	47 s	$1.5 \times 10^7 \text{ cm}^{-3}$	16 %
k_{OH}	Laser-photolysis + LIF	180 s	0.3 s^{-1}	10 %
NO	Chemiluminescence	180 s	4 pptv	5 %
NO ₂	Chemiluminescence	180 s	2 pptv	5 %
HONO	LOPAP	300 s	1.3 pptv	12 %
O ₃	UV-absorption	10 s	1 ppbv	5 %
MBO and Acetone	PTR-TOF-MS	30 s	> 15 pptv	< 14 %
MBO	GC	30 min	4–8 %	5 %
HCHO	Hantzsch monitor	120 s	20 pptv	5 %