

Parameters	Instrument	Time resolution	Detection limit	Accuracy	References
HONO	LPAP	200 s	1 pptv	20 %	(1, 2)
<i>p</i> NO ₃	LPAP	360 s	2 pptv	30 %	(1, 2, 3)
HNO ₃	LPAP	20 min	2 pptv	30 %	(1, 2, 3)
NO	CI	1 s	20 pptv	10 %	(4)
NO ₂	CI	1 s	40 pptv	15 %	(4)
O ₃	CI	1 s	100 pptv	5 %	(4)
OH	SICIMS	30 s	*5 × 10 ⁴	30 %	(5, 6)
HONO	DOAS	60 s	~ 30 pptv	20 %	(7)
Photolysis frequencies	CAFS	6 s		10–15 %	(8)
Surface area density	SMPS/UHSAS	65 s/1 s		20 %	(9)
VOCs	PTRMS	15 s		20 %	(10, 11)
VOCs/organic nitrates	TOGA	20 s		20 %	(12)