

Parameter	Uncertainty (3 standard deviations)	Uncertainty in measurements	HGF <sub>org</sub> (relative to 1.26)
RH (DMA2)	1 %	2.3 % in measured HGF	3.2 %
Organic density	18 %	2.6 % in ACSM-derived HGF	3.2 %
BC density	33 %	1.0 % in ACSM-derived HGF	2.0 %
NH <sub>4</sub> , NO <sub>3</sub> mass concentration	20 %	0.6 %, 0.5 %	0.8 %, 1.6 %
SO <sub>4</sub> mass concentration	20 %	1.8 %	4.0 %
Organics mass concentration	20 %	1.4 %	3.2 %
BC mass concentration	5 %	0.1 %	0.8 %