Supplemental Table 3: Analyte modes, calibration linearity, detection limits and recoveries on quality control (QC) standards

Element	Mass	Mode	Cal (rho)	Median Unk Conc (ppb)	Max Unk Conc (ppb)	LOD (ppb)	S/N	Secondary reference material recovery fractions	
								QC2 (n=4)	QC3 (n=8)
Mn	55	no gas	0.9999	0.01	1.64	0.012	1.26	1.08	1.09
Fe	56	H2	1.0000	2.08	54.48	0.195	10.63	1.07	1.05
Co	59	no gas	1.0000	0.00	0.02	0.011	0.00	1.05	1.03
Ni	60	no gas	1.0000	0.30	36.26	0.021	14.04	1.06	1.02
Cu	63	no gas	0.9999	1.00	3.03	0.016	61.40	1.06	1.04
Zn	66	no gas	0.9998	2.74	314.00	0.113	24.30	1.07	1.08

QC2 is a mid-calibration quality control standard made from stocks independent of calibration standards

QC3 is NIST 6143f (diluted 10x)