



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
<b>Met 200.8/6020A Master List (EPA 6020A) in Water</b>									
Preservation: pH<2; HNO <sub>3</sub> , Cool <6°C									
Container: HDPE NM, 500 mL, 1:1 HNO <sub>3</sub>									
Minimum Sample Volume: 500 mL									
Hold Time: 180 days									
Aluminum-27	2.37 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Antimony-121	0.0180 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Antimony-123	0.0280 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Arsenic-75a	0.0310 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Arsenic-75b	0.0602 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Barium-135	0.0560 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Barium-137	0.0530 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Beryllium-9	0.0290 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Cadmium-111	0.0300 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Cadmium-114	0.0400 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Calcium-44	1.91 ug/L	25.0 ug/L	50.0 ug/L		20	75 - 125	20	80 - 120	20
Chromium-52	0.130 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Chromium-53	0.0700 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Cobalt-59	0.0290 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Copper-63	0.378 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Copper-65	0.350 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Iron-54	6.27 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Iron-57	1.40 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Lead-208	0.0680 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Magnesium-24	0.307 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Manganese-55	0.0850 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Molybdenum-98	0.0650 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Nickel-60	0.0500 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Nickel-62	0.220 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20



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Potassium-39	1.41 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Selenium-82	0.0400 ug/L	0.250 ug/L	0.500 ug/L		20	75 - 125	20	80 - 120	20
Selenium-78	0.440 ug/L	1.00 ug/L	2.00 ug/L		20	75 - 125	20	80 - 120	20
Silver-107	0.0170 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Sodium-23	7.18 ug/L	50.0 ug/L	100 ug/L		20	75 - 125	20	80 - 120	20
Thallium-205	0.00800 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Vanadium-51a	0.0400 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Vanadium-51b	0.0160 ug/L	0.100 ug/L	0.200 ug/L		20	75 - 125	20	80 - 120	20
Zinc-66	1.30 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Zinc-67	0.940 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Zinc-68	1.09 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20