

EPA SAMPLE NO.

MYDAQ6L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAQ6Matrix : Soil Analytical Method: ICP-MS% Solids: 97.4Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Antimony	0.82	J	0.77	J	6	
Arsenic	42		44		5	
Barium	140	D	130	D	3	
Beryllium	0.64		0.61	J	4	
Cadmium	0.47		2.3	U	100	
Chromium	18		19		2	
Cobalt	15	D	15	D	2	
Copper	36		38		4	
Lead	28		26		5	
Nickel	16	D	16	D	4	
Selenium	0.48	J	11.0	U	100	
Silver	0.16	J	2.3	U	100	
Thallium	0.11	J	2.3	U	100	
Vanadium	63	D	62	D	2	
Zinc	140		140		7	