

EPA SAMPLE NO.

MYDB51L

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.: MYDB42Matrix : Soil Analytical Method: ICP-MS% Solids: 97.5Concentration 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	0.94		0.89	J	5	
Arsenic	88		86		3	
Barium	140	D	130	D	2	
Beryllium	0.57		0.53	J	8	
Cadmium	1.2		1.0	J	17	
Chromium	18		17		3	
Cobalt	12	D	12	D	1	
Copper	77		75		3	
Lead	72		65		9	
Nickel	17	D	17	D	0	
Selenium	0.81	J	9.4	U	100	
Silver	0.47		0.43	J	8	
Thallium	0.1	J	1.9	U	100	
Vanadium	53	D	53	D	0	
Zinc	290		280		2	