

EPA SAMPLE NO.

MBH6N6L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51835 MA No.: _____ SDG No.: MBH6M7Matrix : Water Analytical Method: ICP-AES

% Solids: _____

Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	13000		15000		10	
Antimony	60.0	U	300	U		
Arsenic	34		35	J	1	
Barium	79	J	86	J	8	
Beryllium	8.1		9.9	J	22	
Cadmium	1.6	J	25.0	U	100	
Calcium	240000		260000		10	
Chromium	19		20	J	3	
Cobalt	22	J	16	J	28	
Copper	2200		2400		12	
Iron	22000		24000		13	
Lead	4.0	J	50.0	U	100	
Magnesium	20000		22000	J	12	
Manganese	6700		7500		12	
Nickel	38	J	37	J	1	
Potassium	4200	J	4100	J	2	
Selenium	35.0	U	180	U		
Silver	10.0	U	50.0	U		
Sodium	7400		7500	J	2	
Thallium	25.0	U	130	U		
Vanadium	120		170	J	46	
Zinc	480		560		17	