

MYDAQ6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDAQ6

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 97.4

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	19	D	0.89	JD	35.8	50	*
Arsenic	75 - 125	54	D	38	D	14.28	112	
Barium	75 - 125	810	D	140	D	714	94	
Beryllium	75 - 125	18	D	0.98	D	17.86	98	
Cadmium	75 - 125	18	D	1.2	D	17.86	95	
Chromium	75 - 125	86	D	16	D	71.4	99	
Cobalt	75 - 125	190	D	16	D	178.6	99	
Copper	75 - 125	110	D	34	D	89.2	87	
Lead		43	D	37	D	7.14	82	
Manganese		940	D	750	D	178.6	109	
Nickel	75 - 125	200	D	17	D	178.6	99	
Selenium	75 - 125	25	D	6.4	UD	35.8	70	*
Silver	75 - 125	13	D	1.8	UD	17.86	90	
Thallium	75 - 125	12	D	4.5	UD	17.86	96	
Vanadium	75 - 125	230	D	62	D	178.6	96	
Zinc	75 - 125	260	D	120	D	178.6	78	