

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-MS

% 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	130	0.82 J	130.5	96	
Arsenic	75 - 125	87	42	52.5	86	
Barium	75 - 125	2600 D	140 D	2550	96	
Beryllium	75 - 125	69	0.64	66.0	105	
Cadmium	75 - 125	63	0.47	66.0	96	
Chromium	75 - 125	260	18	261	94	
Cobalt	75 - 125	670 D	15 D	652.5	100	
Copper	75 - 125	330	36	327	89	
Lead	75 - 125	48	28	25.5	76	
Nickel	75 - 125	660 D	16 D	652.5	99	
Selenium	75 - 125	130	0.48 J	130.5	100	
Silver	75 - 125	29	0.16 J	66.0	44	*
Thallium	75 - 125	53	0.11 J	66.0	81	
Vanadium	75 - 125	700 D	63 D	652.5	98	
Zinc	75 - 125	720	140	652.5	90	

MYDAQ6S

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	29		0.82	J	23.4	118	
Arsenic		48		42		9.3	60	
Barium	75 - 125	710	D	140	D	480	122	
Beryllium	75 - 125	18		0.64		11.7	145	*
Cadmium	75 - 125	15		0.47		11.7	122	
Chromium	75 - 125	78		18		47.1	127	*
Cobalt	75 - 125	170	D	15	D	117.6	133	*
Copper	75 - 125	100		36		58.8	113	
Lead		29		28		4.8	26	
Nickel	75 - 125	170	D	16	D	117.6	135	*
Selenium	75 - 125	28		0.48	J	23.4	116	
Silver	75 - 125	11		0.16	J	11.7	91	
Thallium	75 - 125	12		0.11	J	11.7	103	
Vanadium	75 - 125	210	D	63	D	117.6	128	*
Zinc	75 - 125	270		140		117.6	111	