

MYDBA0SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDB92

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.1

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		0.69	J	130.5	99	
Arsenic	75 - 125	77		33		52.5	85	
Barium	75 - 125	2900	D	160	D	2550	103	
Beryllium	75 - 125	70		0.6		66.0	106	
Cadmium	75 - 125	65		0.96		66.0	98	
Chromium	75 - 125	290		33		262.5	97	
Cobalt	75 - 125	700	D	16	D	654	104	
Copper	75 - 125	450		150		327	91	
Lead	75 - 125	99		80		25.5	73	*
Nickel	75 - 125	720	D	27	D	654	106	
Selenium	75 - 125	140		0.41	J	130.5	106	
Silver	75 - 125	42		0.35	J	66.0	64	*
Thallium	75 - 125	55		0.12	J	66.0	84	
Vanadium	75 - 125	730	D	68	D	654	101	
Zinc	75 - 125	790		200		654	91	

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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	26		0.69	J	25.2	102	
Arsenic	75 - 125	40		33		10.2	64	*
Barium	75 - 125	720	D	160	D	510	111	
Beryllium	75 - 125	17		0.6		12.6	130	*
Cadmium	75 - 125	14		0.96		12.6	105	
Chromium	75 - 125	91		33		50.7	115	
Cobalt	75 - 125	170	D	16	D	126.6	125	
Copper	75 - 125	210		150		63.3	101	
Lead		74		80		5.1	-114	
Nickel	75 - 125	190	D	27	D	126.6	127	*
Selenium	75 - 125	31		0.41	J	25.2	122	
Silver	75 - 125	13		0.35	J	12.6	96	
Thallium	75 - 125	12		0.12	J	12.6	94	
Vanadium	75 - 125	220	D	68	D	126.6	120	
Zinc	75 - 125	330		200		126.6	101	