

MYDAE1SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030

Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDAD3

Matrix : Soil Analytical Method: ICP-MS

% Solids: 98.9

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	99		0.54	J	103.5	94	
Arsenic	75 - 125	75		39		42.0	87	
Barium	75 - 125	2200	D	130	D	2100	101	
Beryllium	75 - 125	54		0.65		52.5	103	
Cadmium	75 - 125	49		0.42		52.5	94	
Chromium	75 - 125	210		18		208.5	94	
Cobalt	75 - 125	550	D	15	D	519	103	
Copper	75 - 125	270		35		259.5	91	
Lead	75 - 125	47		27		21.0	94	
Nickel	75 - 125	550	D	15	D	519	103	
Selenium	75 - 125	100		0.39	J	103.5	98	
Silver	75 - 125	37		0.15	J	52.5	71	*
Thallium	75 - 125	50		0.1	J	52.5	96	
Vanadium	75 - 125	590	D	68	D	519	100	
Zinc	75 - 125	600		120		519	93	

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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	22		0.54	J	20.4	105	
Arsenic		47		39		8.1	95	
Barium	75 - 125	770	D	130	D	420	155	*
Beryllium	75 - 125	11		0.65		10.2	104	
Cadmium	75 - 125	11		0.42		10.2	106	
Chromium	75 - 125	58		18		41.1	98	
Cobalt	75 - 125	170	D	15	D	102.6	155	*
Copper	75 - 125	82		35		51.3	92	
Lead		30		27		4.2	78	
Nickel	75 - 125	170	D	15	D	102.6	154	*
Selenium	75 - 125	20		0.39	J	20.4	98	
Silver	75 - 125	8.7		0.15	J	10.2	84	
Thallium	75 - 125	10		0.1	J	10.2	97	
Vanadium	75 - 125	250	D	68	D	102.6	178	*
Zinc	75 - 125	210		120		102.6	94	