

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>T&A Construction Inc</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2600</u>
Sample No :	<u>Q2600-05MSD</u>	Datafile:	<u>FC069466.D</u>
		Client ID :	<u>STOCK-PILEMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	12.2	38.5	40.1	13	*	7.06 (40-140)	50
Aliphatic C12-C16	8.1	6.44	12.1	70		3.8 (40-140)	50
Aliphatic C16-C21	12.2	41.6	54.0	101		22.8 (40-140)	50
Aliphatic C21-C28	16.2	185	212	162	*	8.36 (40-140)	50
Aliphatic C28-C40	24.3	105	135	122		6.78 (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	4.1	0.0000	1.5857	39	*	2.53 (40-140)	50
n-Decane (C10)	4.1	0.0000	3.0598	75		0 (40-140)	50
Naphthalene (C11.7)	4.1	0.0000	0.6543	16	*	0 (40-140)	50
n-Dodecane (C12)	4.1	0.0000	2.9129	71		0 (40-140)	50
2-methylnaphthalene (C12.89)	4.1	0.0000	0.2228	5	*	0 (40-140)	50
n-Tetradecane (C14)	4.1	0.0000	2.8213	69		1.46 (40-140)	50
n-Hexadecane (C16)	4.1	0.0000	3.1551	77		1.31 (40-140)	50
n-Octadecane (C18)	4.1	0.0000	3.9532	96		5.35 (40-140)	50
n-Eicosane (C20)	4.1	0.0000	4.6030	112		11.76 (40-140)	50
n-Heneicosane (C21)	4.1	0.0000	5.1021	124		11.41 (40-140)	50
n-Docosane (C22)	4.1	0.0000	5.8545	143	*	8.05 (40-140)	50
n-Tetracosane (C24)	8.1	0.0000	6.5017	80		15.03 (40-140)	50
n-Hexacosane (C26)	4.1	0.0000	8.7559	214	*	42.07 (40-140)	50
n-Octacosane (C28)	4.1	0.0000	11.3132	276	*	21.69 (40-140)	50
n-Tricontane (C30)	4.1	0.0000	5.3799	131		5.2 (40-140)	50
n-Dotriacontane (C32)	4.1	0.0000	5.9873	146	*	12.22 (40-140)	50
n-Tetratriacontane (C34)	4.1	0.0000	5.3501	130		5.53 (40-140)	50
n-Hexatriacontane (C36)	4.1	0.0000	5.5916	136		2.99 (40-140)	50
n-Octatriacontane (C38)	4.1	0.0000	5.0534	123		4.15 (40-140)	50
n-Tetracontane (C40)	4.1	0.0000	4.5315	111		4.61 (40-140)	50