

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>Q2600-05MS</u>	Datafile:	<u>FC069465.D</u>
		Client ID :	<u>STOCK-PILEMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	12.2	38.5	40.0	12	*	(40-140)
Aliphatic C12-C16	8.1	6.44	11.9	67		(40-140)
Aliphatic C16-C21	12.2	41.6	57.2	127		(40-140)
Aliphatic C21-C28	16.2	185	210	149	*	(40-140)
Aliphatic C28-C40	24.4	105	133	114		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.1	0.0000	1.6202	40		(40-140)
n-Decane (C10)	4.1	0.0000	3.0548	75		(40-140)
Naphthalene (C11.7)	4.1	0.0000	0.6501	16	*	(40-140)
n-Dodecane (C12)	4.1	0.0000	2.8958	71		(40-140)
2-methylnaphthalene (C12.89)	4.1	0.0000	0.2179	5	*	(40-140)
n-Tetradecane (C14)	4.1	0.0000	2.7827	68		(40-140)
n-Hexadecane (C16)	4.1	0.0000	3.1218	76		(40-140)
n-Octadecane (C18)	4.1	0.0000	3.7110	91		(40-140)
n-Eicosane (C20)	4.1	0.0000	5.1579	126		(40-140)
n-Heneicosane (C21)	4.1	0.0000	5.7165	139		(40-140)
n-Docosane (C22)	4.1	0.0000	6.3582	155	*	(40-140)
n-Tetracosane (C24)	8.1	0.0000	7.5568	93		(40-140)
n-Hexacosane (C26)	4.1	0.0000	13.4593	328	*	(40-140)
n-Octacosane (C28)	4.1	0.0000	9.1146	222	*	(40-140)
n-Tricontane (C30)	4.1	0.0000	5.6609	138		(40-140)
n-Dotriacontane (C32)	4.1	0.0000	6.7534	165	*	(40-140)
n-Tetratriacontane (C34)	4.1	0.0000	5.0301	123		(40-140)
n-Hexatriacontane (C36)	4.1	0.0000	5.4225	132		(40-140)
n-Octatriacontane (C38)	4.1	0.0000	4.8304	118		(40-140)
n-Tetracontane (C40)	4.1	0.0000	4.3576	106		(40-140)