

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Sciacca General Contractors, LLC</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3661</u>
Sample No :	<u>Q3661-07MSD</u>	Datafile:	<u>FE057033.D</u>
		Client ID :	<u>5MSD</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 C28-C40	38.5	7.85	41.5	87		0.92 (40-140) 50
Aliphatic C9-C28	128.5	10.8	98.1	68		0.4 (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)	4.3	0.0041	3.2192	75		0 (40-140) 50
n-Decane (C10)	4.3	0.0060	7.2146	168	*	0 (40-140) 50
Naphthalene (C11.7)	4.3	0.0077	3.6466	85		0 (40-140) 50
n-Dodecane (C12)	4.3	0.0022	3.4166	79		1.26 (40-140) 50
2-methylnaphthalene (C12.89)	4.3	0.0037	3.3769	78		1.27 (40-140) 50
n-Tetradecane (C14)	4.3	0.0088	3.3943	79		0 (40-140) 50
n-Hexadecane (C16)	4.3	0.0949	3.2829	74		0 (40-140) 50
n-Octadecane (C18)	4.3	0.0090	3.1173	72		1.38 (40-140) 50
n-Eicosane (C20)	4.3	0.0647	3.2111	73		0 (40-140) 50
n-Heneicosane (C21)	4.3	0.1335	3.2648	73		0 (40-140) 50
n-Docosane (C22)	4.3	0.2724	3.4109	73		0 (40-140) 50
n-Tetracosane (C24)	8.6	0.2727	9.8795	112		0 (40-140) 50
n-Hexacosane (C26)	4.3	0.0363	2.9009	67		0 (40-140) 50
n-Octacosane (C28)	4.3	0.0648	3.1154	71		0 (40-140) 50
n-Tricontane (C30)	4.3	0.0474	2.7315	62		1.6 (40-140) 50
n-Dotriacontane (C32)	4.3	0.0936	2.8575	64		0 (40-140) 50
n-Tetratriacontane (C34)	4.3	0.0674	3.1251	71		0 (40-140) 50
n-Hexatriacontane (C36)	4.3	0.2713	3.9269	85		1.17 (40-140) 50
n-Octatriacontane (C38)	4.3	0.2604	4.7488	104		1.9 (40-140) 50
n-Tetracontane (C40)	4.3	0.0940	4.8198	110		0.9 (40-140) 50