

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>Q3410</u>
Sample No :	<u>Q3410-07MSD</u>	Datafile:	<u>FC070037.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	38.0	124	149	64		0 (40-140) 50
Aliphatic C9-C28	126.7	27.1	97.5	56		0.7 (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)	4.2	0.0024	2.6388	63		0 (40-140) 50
n-Decane (C10)	4.2	0.0078	2.6870	64		0 (40-140) 50
Naphthalene (C11.7)	4.2	0.0369	2.9852	70		0 (40-140) 50
n-Dodecane (C12)	4.2	0.0081	2.6981	64		0 (40-140) 50
2-methylnaphthalene (C12.89)	4.2	0.0160	2.7097	64		0 (40-140) 50
n-Tetradecane (C14)	4.2	0.0228	2.6619	63		0 (40-140) 50
n-Hexadecane (C16)	4.2	0.0595	2.5227	59		0 (40-140) 50
n-Octadecane (C18)	4.2	0.0843	2.4518	56		1.77 (40-140) 50
n-Eicosane (C20)	4.2	0.1135	2.5573	58		1.71 (40-140) 50
n-Heneicosane (C21)	4.2	0.2449	2.7288	59		0 (40-140) 50
n-Docosane (C22)	4.2	0.1710	2.6612	59		1.68 (40-140) 50
n-Tetracosane (C24)	8.4	1.0493	9.5152	101		0.99 (40-140) 50
n-Hexacosane (C26)	4.2	0.2300	2.6530	58		0 (40-140) 50
n-Octacosane (C28)	4.2	0.6742	3.1008	58		1.71 (40-140) 50
n-Tricontane (C30)	4.2	0.9884	3.2938	55		5.31 (40-140) 50
n-Dotriacontane (C32)	4.2	2.4277	4.8148	57		3.45 (40-140) 50
n-Tetratriacontane (C34)	4.2	3.1972	5.8682	64		6.06 (40-140) 50
n-Hexatriacontane (C36)	4.2	3.7859	6.9067	74		11.43 (40-140) 50
n-Octatriacontane (C38)	4.2	1.7885	5.4445	87		16.84 (40-140) 50
n-Tetracontane (C40)	4.2	1.3195	4.8801	85		2.38 (40-140) 50