

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>Q3012</u>
Sample No :	<u>Q3011-05MSD</u>	Datafile:	<u>FE055667.D</u>
		Client ID :	<u>3MSD</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	32.3	4.56	34.6	93		5.99 (40-140)	50
Aliphatic C9-C28	107.7	3.29	97.6	88		4.6 (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)	3.6	0.0113	3.2575	90		4.55 (40-140)	50
n-Decane (C10)	3.6	0.0113	7.1026	197	*	5.21 (40-140)	50
Naphthalene (C11.7)	3.6	0.0226	3.5956	99		5.18 (40-140)	50
n-Dodecane (C12)	3.6	0.0159	3.5559	98		5.24 (40-140)	50
2-methylnaphthalene (C12.89)	3.6	0.0100	3.4710	96		5.35 (40-140)	50
n-Tetradecane (C14)	3.6	0.0218	3.6910	102		6.06 (40-140)	50
n-Hexadecane (C16)	3.6	0.0192	3.7047	102		5.03 (40-140)	50
n-Octadecane (C18)	3.6	0.0208	3.5299	97		5.29 (40-140)	50
n-Eicosane (C20)	3.6	0.0178	3.6134	100		5.13 (40-140)	50
n-Heneicosane (C21)	3.6	0.0220	3.4333	95		5.41 (40-140)	50
n-Docosane (C22)	3.6	0.0196	3.3536	93		6.67 (40-140)	50
n-Tetracosane (C24)	7.2	0.0876	9.9157	137		7.58 (40-140)	50
n-Hexacosane (C26)	3.6	0.0256	3.1587	87		5.92 (40-140)	50
n-Octacosane (C28)	3.6	0.1430	3.2644	87		7.14 (40-140)	50
n-Tricontane (C30)	3.6	0.1198	3.1286	84		7.41 (40-140)	50
n-Dotriacontane (C32)	3.6	0.1296	3.3867	90		6.9 (40-140)	50
n-Tetatriacontane (C34)	3.6	0.0948	3.4521	93		6.67 (40-140)	50
n-Hexatriacontane (C36)	3.6	0.2598	3.8108	99		4.12 (40-140)	50
n-Octatriacontane (C38)	3.6	0.2416	3.9857	104		2.93 (40-140)	50
n-Tetracontane (C40)	3.6	0.0500	3.6928	101		4.04 (40-140)	50