

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>Q2504</u>
Sample No :	<u>Q2486-03MSD</u>	Datafile:	<u>FC069394.D</u>
		Client ID :	<u>1MSD</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	35.6	11.3	62.4	143	*	27 (40-140)	50
Aliphatic C9-C28	118.6	4.29	98.3	79		2.8 (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)	4.0	0.0049	3.4898	87		1.16 (40-140)	50
n-Decane (C10)	4.0	0.0101	3.6078	90		1.12 (40-140)	50
Naphthalene (C11.7)	4.0	0.0197	4.0469	101		1 (40-140)	50
n-Dodecane (C12)	4.0	0.0091	3.6199	90		1.12 (40-140)	50
2-methylnaphthalene (C12.89)	4.0	0.0095	3.7836	94		0 (40-140)	50
n-Tetradecane (C14)	4.0	0.0135	3.5238	88		1.14 (40-140)	50
n-Hexadecane (C16)	4.0	0.0081	3.3086	83		1.21 (40-140)	50
n-Octadecane (C18)	4.0	0.0133	3.1848	79		0 (40-140)	50
n-Eicosane (C20)	4.0	0.0131	3.3668	84		1.2 (40-140)	50
n-Heneicosane (C21)	4.0	0.0206	3.2537	81		0 (40-140)	50
n-Docosane (C22)	4.0	0.0373	3.2374	80		0 (40-140)	50
n-Tetracosane (C24)	7.9	0.0783	6.4000	80		39.2 (40-140)	50
n-Hexacosane (C26)	4.0	0.0409	3.1476	78		0 (40-140)	50
n-Octacosane (C28)	4.0	0.0918	3.1944	78		1.29 (40-140)	50
n-Tricontane (C30)	4.0	0.1101	3.3414	81		3.77 (40-140)	50
n-Dotriacontane (C32)	4.0	0.1436	3.6177	87		3.51 (40-140)	50
n-Tetratriacontane (C34)	4.0	0.1716	4.3924	106		4.83 (40-140)	50
n-Hexatriacontane (C36)	4.0	0.3009	5.3469	126		4.88 (40-140)	50
n-Octatriacontane (C38)	4.0	0.2902	6.9075	165	*	20 (40-140)	50
n-Tetracontane (C40)	4.0	0.1395	6.5743	161	*	11.84 (40-140)	50