

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Roman E&G Corp</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3604</u>
Sample No :	<u>Q3604-01MSD</u>	Datafile:	<u>FE056817.D</u>
		Client ID :	<u>S-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	36.2	6.04	32.9	74		9.01 (40-140) 50
Aliphatic C9-C28	120.7	2.79	66.5	53		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)	4.0	0.0067	1.8467	46		2.15 (40-140) 50
n-Decane (C10)	4.0	0.0082	4.3525	109		0.91 (40-140) 50
Naphthalene (C11.7)	4.0	0.0056	2.3180	58		0 (40-140) 50
n-Dodecane (C12)	4.0	0.0037	2.1743	54		1.83 (40-140) 50
2-methylnaphthalene (C12.89)	4.0	0.0031	2.2503	56		1.77 (40-140) 50
n-Tetradecane (C14)	4.0	0.0483	2.2763	56		0 (40-140) 50
n-Hexadecane (C16)	4.0	0.0000	2.3794	59		1.68 (40-140) 50
n-Octadecane (C18)	4.0	0.0060	2.3833	59		1.68 (40-140) 50
n-Eicosane (C20)	4.0	0.0095	2.4229	60		1.65 (40-140) 50
n-Heneicosane (C21)	4.0	0.0149	2.4173	60		0 (40-140) 50
n-Docosane (C22)	4.0	0.0168	2.3462	58		1.71 (40-140) 50
n-Tetracosane (C24)	8.0	0.0326	7.0251	87		1.14 (40-140) 50
n-Hexacosane (C26)	4.0	0.0156	2.1448	53		0 (40-140) 50
n-Octacosane (C28)	4.0	0.0342	2.2728	56		0 (40-140) 50
n-Tricontane (C30)	4.0	0.0599	2.0527	50		4.08 (40-140) 50
n-Dotriacontane (C32)	4.0	0.0648	2.1901	53		7.84 (40-140) 50
n-Tetratriacontane (C34)	4.0	0.0923	2.4609	59		7.02 (40-140) 50
n-Hexatriacontane (C36)	4.0	0.2385	3.3912	79		16.44 (40-140) 50
n-Octatriacontane (C38)	4.0	0.6826	3.7213	76		6.8 (40-140) 50
n-Tetracontane (C40)	4.0	0.1931	3.6258	86		3.55 (40-140) 50