

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>Q3604-01MS</u>	Datafile:	<u>FE056816.D</u>
		Client ID :	<u>S-1MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	36.2	6.04	30.6	68		(40-140)
Aliphatic C9-C28	120.7	2.79	66.8	53		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.0	0.0067	1.8686	47		(40-140)
n-Decane (C10)	4.0	0.0082	4.3919	110		(40-140)
Naphthalene (C11.7)	4.0	0.0056	2.3410	58		(40-140)
n-Dodecane (C12)	4.0	0.0037	2.1915	55		(40-140)
2-methylnaphthalene (C12.89)	4.0	0.0031	2.2696	57		(40-140)
n-Tetradecane (C14)	4.0	0.0483	2.2926	56		(40-140)
n-Hexadecane (C16)	4.0	0.0000	2.4004	60		(40-140)
n-Octadecane (C18)	4.0	0.0060	2.4215	60		(40-140)
n-Eicosane (C20)	4.0	0.0095	2.4414	61		(40-140)
n-Heneicosane (C21)	4.0	0.0149	2.4340	60		(40-140)
n-Docosane (C22)	4.0	0.0168	2.3574	59		(40-140)
n-Tetracosane (C24)	8.0	0.0326	7.0650	88		(40-140)
n-Hexacosane (C26)	4.0	0.0156	2.1522	53		(40-140)
n-Octacosane (C28)	4.0	0.0342	2.2629	56		(40-140)
n-Tricontane (C30)	4.0	0.0599	1.9864	48		(40-140)
n-Dotriacontane (C32)	4.0	0.0648	2.0392	49		(40-140)
n-Tetratriacontane (C34)	4.0	0.0923	2.2853	55		(40-140)
n-Hexatriacontane (C36)	4.0	0.2385	2.9088	67		(40-140)
n-Octatriacontane (C38)	4.0	0.6826	3.5416	71		(40-140)
n-Tetracontane (C40)	4.0	0.1931	3.5244	83		(40-140)