

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>Q3725</u>
Sample No :	<u>Q3732-01MSD</u>	Datafile:	<u>FE057109.D</u>
		Client ID :	<u>HD-01-11-26-2025MSD</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	34.5	15.1	41.3	76		4.99 (40-140) 50
Aliphatic C9-C28	115.1	2.07	75.4	64		1.1 (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)	3.8	0.0080	1.6250	43		0 (40-140) 50
n-Decane (C10)	3.8	0.0057	3.9542	104		0 (40-140) 50
Naphthalene (C11.7)	3.8	0.0057	2.3974	63		0 (40-140) 50
n-Dodecane (C12)	3.8	0.0040	2.1487	56		1.77 (40-140) 50
2-methylnaphthalene (C12.89)	3.8	0.0057	2.4700	65		0 (40-140) 50
n-Tetradecane (C14)	3.8	0.0288	2.5235	66		0 (40-140) 50
n-Hexadecane (C16)	3.8	0.0519	2.7194	70		1.42 (40-140) 50
n-Octadecane (C18)	3.8	0.0263	2.7198	71		1.4 (40-140) 50
n-Eicosane (C20)	3.8	0.0253	2.8238	74		0 (40-140) 50
n-Heneicosane (C21)	3.8	0.0227	2.8453	74		1.34 (40-140) 50
n-Docosane (C22)	3.8	0.0287	2.8032	73		1.36 (40-140) 50
n-Tetracosane (C24)	7.7	0.0631	8.7218	112		0.89 (40-140) 50
n-Hexacosane (C26)	3.8	0.0574	2.6596	68		1.46 (40-140) 50
n-Octacosane (C28)	3.8	0.0737	2.7382	70		0 (40-140) 50
n-Tricontane (C30)	3.8	0.0992	2.2838	57		1.74 (40-140) 50
n-Dotriacontane (C32)	3.8	0.1849	2.2784	55		1.8 (40-140) 50
n-Tetratriacontane (C34)	3.8	0.3291	2.5792	59		1.68 (40-140) 50
n-Hexatriacontane (C36)	3.8	0.9840	3.3515	62		1.63 (40-140) 50
n-Octatriacontane (C38)	3.8	0.7415	3.4826	72		2.74 (40-140) 50
n-Tetracontane (C40)	3.8	0.0674	3.3827	87		2.33 (40-140) 50