

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3495</u>
Sample No :	<u>Q3496-01MSD</u>	Datafile:	<u>FC070111.D</u>
		Client ID :	<u>DRILL-CUTTINGSMSD</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	34.8	6.61	44.9	110		0 (40-140) 50
Aliphatic C9-C28	115.9	1.96	73.0	61		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)	3.9	0.0052	1.8237	47		0 (40-140) 50
n-Decane (C10)	3.9	0.0119	4.5035	115		1.72 (40-140) 50
Naphthalene (C11.7)	3.9	0.0122	2.5636	65		1.53 (40-140) 50
n-Dodecane (C12)	3.9	0.0087	2.4402	62		1.6 (40-140) 50
2-methylnaphthalene (C12.89)	3.9	0.0095	2.5344	65		0 (40-140) 50
n-Tetradecane (C14)	3.9	0.0120	2.6184	67		0 (40-140) 50
n-Hexadecane (C16)	3.9	0.0122	2.6019	66		1.5 (40-140) 50
n-Octadecane (C18)	3.9	0.0099	2.5841	66		1.5 (40-140) 50
n-Eicosane (C20)	3.9	0.0104	2.7025	69		1.44 (40-140) 50
n-Heneicosane (C21)	3.9	0.0099	2.7322	70		1.42 (40-140) 50
n-Docosane (C22)	3.9	0.0220	2.6877	68		1.46 (40-140) 50
n-Tetracosane (C24)	7.7	0.0785	5.2836	68		1.46 (40-140) 50
n-Hexacosane (C26)	3.9	0.0350	2.6077	66		1.5 (40-140) 50
n-Octacosane (C28)	3.9	0.0545	2.6650	67		1.48 (40-140) 50
n-Tricontane (C30)	3.9	0.0608	2.5695	64		1.55 (40-140) 50
n-Dotriacontane (C32)	3.9	0.0860	2.7379	68		1.46 (40-140) 50
n-Tetratriacontane (C34)	3.9	0.1503	3.3140	81		2.44 (40-140) 50
n-Hexatriacontane (C36)	3.9	0.3048	3.9471	93		1.08 (40-140) 50
n-Octatriacontane (C38)	3.9	0.3442	4.7866	114		13.08 (40-140) 50
n-Tetracontane (C40)	3.9	0.1141	4.6540	116		5.31 (40-140) 50