

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3742</u>
Sample No :	<u>Q3742-14MSD</u>	Datafile:	<u>FE057183.D</u>
		Client ID :	<u>SB-1125-3DMSD</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	42.4	18.7	36.1	41		7.86 (40-140) 50
Aliphatic C9-C28	141.4	1.60	103	72		3 (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)	4.7	0.0028	3.3847	72		4.08 (40-140) 50
n-Decane (C10)	4.7	0.0047	3.3340	71		4.14 (40-140) 50
Naphthalene (C11.7)	4.7	0.0127	3.9634	84		4.65 (40-140) 50
n-Dodecane (C12)	4.7	0.0024	3.5373	75		2.63 (40-140) 50
2-methylnaphthalene (C12.89)	4.7	0.0013	3.7538	80		3.68 (40-140) 50
n-Tetradecane (C14)	4.7	0.0107	3.5072	74		3.97 (40-140) 50
n-Hexadecane (C16)	4.7	0.0000	3.4828	74		3.97 (40-140) 50
n-Octadecane (C18)	4.7	0.0062	3.4118	72		4.08 (40-140) 50
n-Eicosane (C20)	4.7	0.0112	3.5117	74		3.97 (40-140) 50
n-Heneicosane (C21)	4.7	0.0280	3.5789	76		2.6 (40-140) 50
n-Docosane (C22)	4.7	0.0342	3.5243	74		2.67 (40-140) 50
n-Tetracosane (C24)	9.4	0.0585	11.4039	121		1.64 (40-140) 50
n-Hexacosane (C26)	4.7	0.0253	3.3821	71		2.78 (40-140) 50
n-Octacosane (C28)	4.7	0.0570	3.7888	79		2.5 (40-140) 50
n-Tricontane (C30)	4.7	0.1056	2.9276	60		1.65 (40-140) 50
n-Dotriacontane (C32)	4.7	0.2117	2.9819	59		0 (40-140) 50
n-Tetratriacontane (C34)	4.7	0.3141	2.9039	55		5.61 (40-140) 50
n-Hexatriacontane (C36)	4.7	0.5833	3.1813	55		11.54 (40-140) 50
n-Octatriacontane (C38)	4.7	1.7362	3.4757	37	*	31.25 (40-140) 50
n-Tetracontane (C40)	4.7	1.6340	3.3436	36	*	40 (40-140) 50