

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Earth Engineering Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2651</u>
Sample No :	<u>Q2635-01MSD</u>	Datafile:	<u>FE054943.D</u>
		Client ID :	<u>RT2286MSD</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	35.3	13.9	40.6	76		0 (40-140) 50
Aliphatic C9-C28	117.7	38.4	94.2	47		5.9 (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	0.0168	1.6789	43		2.3 (40-140) 50
n-Decane (C10)	3.9	0.0222	3.9239	100		2.96 (40-140) 50
Naphthalene (C11.7)	3.9	0.1315	2.2514	54		3.64 (40-140) 50
n-Dodecane (C12)	3.9	0.0096	2.1130	54		3.64 (40-140) 50
2-methylnaphthalene (C12.89)	3.9	0.0389	2.2035	56		1.77 (40-140) 50
n-Tetradecane (C14)	3.9	0.0534	2.3220	58		3.39 (40-140) 50
n-Hexadecane (C16)	3.9	0.3568	2.7116	60		3.28 (40-140) 50
n-Octadecane (C18)	3.9	0.6793	3.2121	65		1.53 (40-140) 50
n-Eicosane (C20)	3.9	1.0919	3.3258	57		5.13 (40-140) 50
n-Heneicosane (C21)	3.9	0.6295	2.7474	54		3.64 (40-140) 50
n-Docosane (C22)	3.9	0.6235	2.6728	53		9.01 (40-140) 50
n-Tetracosane (C24)	7.9	0.5210	7.7729	92		3.21 (40-140) 50
n-Hexacosane (C26)	3.9	0.0892	2.2709	56		3.51 (40-140) 50
n-Octacosane (C28)	3.9	0.2466	2.3196	53		7.27 (40-140) 50
n-Tricontane (C30)	3.9	0.1502	2.1274	51		5.71 (40-140) 50
n-Dotriacontane (C32)	3.9	0.2577	2.2477	51		9.35 (40-140) 50
n-Tetratriacontane (C34)	3.9	0.1638	2.5222	60		1.68 (40-140) 50
n-Hexatriacontane (C36)	3.9	0.3625	2.9804	67		3.03 (40-140) 50
n-Octatriacontane (C38)	3.9	0.8379	3.4302	66		1.53 (40-140) 50
n-Tetracontane (C40)	3.9	0.0000	3.4514	88		1.14 (40-140) 50