

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>Q2818</u>
Sample No :	<u>Q2830-03MSD</u>	Datafile:	<u>FC069650.D</u>
		Client ID :	<u>BIN0009-DRIVEWAY-TP-WESTMSD</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	35.0	6.87	35.3	81		7.66 (40-140) 50
Aliphatic C9-C28	116.6	2.91	67.6	56		7.1 (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	0.0027	1.1279	29	*	7.14 (40-140) 50
n-Decane (C10)	3.9	0.0100	3.0919	79		5.19 (40-140) 50
Naphthalene (C11.7)	3.9	0.0110	1.9632	50		4.08 (40-140) 50
n-Dodecane (C12)	3.9	0.0102	1.9170	49		4.17 (40-140) 50
2-methylnaphthalene (C12.89)	3.9	0.0078	2.0593	53		1.9 (40-140) 50
n-Tetradecane (C14)	3.9	0.0068	2.1884	56		1.77 (40-140) 50
n-Hexadecane (C16)	3.9	0.0062	2.3791	61		1.63 (40-140) 50
n-Octadecane (C18)	3.9	0.0134	2.4955	64		1.57 (40-140) 50
n-Eicosane (C20)	3.9	0.0088	2.7025	69		2.94 (40-140) 50
n-Heneicosane (C21)	3.9	0.0076	2.6638	68		4.51 (40-140) 50
n-Docosane (C22)	3.9	0.0137	2.6560	68		4.51 (40-140) 50
n-Tetracosane (C24)	7.8	0.0414	5.3754	68		4.51 (40-140) 50
n-Hexacosane (C26)	3.9	0.0234	2.6626	68		6.06 (40-140) 50
n-Octacosane (C28)	3.9	0.0276	2.6581	67		4.58 (40-140) 50
n-Tricontane (C30)	3.9	0.0559	2.6042	65		4.72 (40-140) 50
n-Dotriacontane (C32)	3.9	0.0999	2.7185	67		4.58 (40-140) 50
n-Tetratriacontane (C34)	3.9	0.0660	3.0070	75		4.08 (40-140) 50
n-Hexatriacontane (C36)	3.9	0.2581	3.3956	80		3.82 (40-140) 50
n-Octatriacontane (C38)	3.9	0.7850	3.9968	82		7.59 (40-140) 50
n-Tetracontane (C40)	3.9	0.0466	3.7034	94		5.46 (40-140) 50