

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>Q3001</u>
Sample No :	<u>Q3001-01MS</u>	Datafile:	<u>FE055644.D</u>
		Client ID :	<u>S-1MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	31.9	5.98	57.1	160	*	(40-140)
Aliphatic C9-C28	106.4	2.08	142	132		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.5	0.0117	3.2789	93		(40-140)
n-Decane (C10)	3.5	0.0104	7.7266	220	*	(40-140)
Naphthalene (C11.7)	3.5	0.0188	4.1488	118		(40-140)
n-Dodecane (C12)	3.5	0.0000	4.0715	116		(40-140)
2-methylnaphthalene (C12.89)	3.5	0.0076	4.2372	121		(40-140)
n-Tetradecane (C14)	3.5	0.0233	4.6252	131		(40-140)
n-Hexadecane (C16)	3.5	0.0175	5.0440	144	*	(40-140)
n-Octadecane (C18)	3.5	0.0153	5.0396	144	*	(40-140)
n-Eicosane (C20)	3.5	0.0121	5.3764	153	*	(40-140)
n-Heneicosane (C21)	3.5	0.0201	5.2949	151	*	(40-140)
n-Docosane (C22)	3.5	0.0159	5.2463	149	*	(40-140)
n-Tetracosane (C24)	7.1	0.0876	16.4352	230	*	(40-140)
n-Hexacosane (C26)	3.5	0.0221	5.1539	147	*	(40-140)
n-Octacosane (C28)	3.5	0.0553	5.2763	149	*	(40-140)
n-Tricontane (C30)	3.5	0.0884	5.0346	141	*	(40-140)
n-Dotriacontane (C32)	3.5	0.1225	5.5146	154	*	(40-140)
n-Tetratriacontane (C34)	3.5	0.2356	5.7822	158	*	(40-140)
n-Hexatriacontane (C36)	3.5	0.2656	6.3738	175	*	(40-140)
n-Octatriacontane (C38)	3.5	0.3587	6.7100	181	*	(40-140)
n-Tetracontane (C40)	3.5	0.1003	6.3863	180	*	(40-140)