

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Earth Engineering Inc.
Lab Code: ACE **SDG No:** Q3001
Sample No : Q3001-01MSD **Datafile:** FE055645.D **Client ID :** S-1MSD

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	31.9	5.98	58.0	163	*	1.86 (40-140) 50
Aliphatic C9-C28	106.4	2.08	140	130		1.3 (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)	3.5	0.0117	3.2165	92		1.08 (40-140) 50
n-Decane (C10)	3.5	0.0104	7.5916	217	*	1.37 (40-140) 50
Naphthalene (C11.7)	3.5	0.0188	4.0818	116		1.71 (40-140) 50
n-Dodecane (C12)	3.5	0.0000	3.9965	114		1.74 (40-140) 50
2-methylnaphthalene (C12.89)	3.5	0.0076	4.1665	119		1.67 (40-140) 50
n-Tetradecane (C14)	3.5	0.0233	4.5431	129		1.54 (40-140) 50
n-Hexadecane (C16)	3.5	0.0175	4.9559	141	*	2.11 (40-140) 50
n-Octadecane (C18)	3.5	0.0153	4.9601	141	*	2.11 (40-140) 50
n-Eicosane (C20)	3.5	0.0121	5.2994	151	*	1.32 (40-140) 50
n-Heneicosane (C21)	3.5	0.0201	5.2139	148	*	2.01 (40-140) 50
n-Docosane (C22)	3.5	0.0159	5.1785	148	*	0.67 (40-140) 50
n-Tetracosane (C24)	7.1	0.0876	16.3682	229	*	0.44 (40-140) 50
n-Hexacosane (C26)	3.5	0.0221	5.0948	145	*	1.37 (40-140) 50
n-Octacosane (C28)	3.5	0.0553	5.2293	148	*	0.67 (40-140) 50
n-Tricontane (C30)	3.5	0.0884	4.9873	140		0.71 (40-140) 50
n-Dotriacontane (C32)	3.5	0.1225	5.4326	152	*	1.31 (40-140) 50
n-Tetratriacontane (C34)	3.5	0.2356	5.7723	158	*	0 (40-140) 50
n-Hexatriacontane (C36)	3.5	0.2656	6.2974	172	*	1.73 (40-140) 50
n-Octatriacontane (C38)	3.5	0.3587	6.7161	182	*	0.55 (40-140) 50
n-Tetracontane (C40)	3.5	0.1003	6.2968	177	*	1.68 (40-140) 50