

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>Earth Engineering Inc.</u>	
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q2342</u>	SAS No : <u>Q2342</u> SDG No: <u>Q2342</u>
Sample No :	<u>Q2347-01MSD</u>	Datafile:	<u>FE054491.D</u>	Client ID : <u>TP-10MSD</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	33.3	4.23	34.9	92		1.09 (40-140) 50
Aliphatic C9-C28	111.0	8.10	90.0	74		0.7 (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)	3.7	0.0204	2.2422	60		0 (40-140) 50
n-Decane (C10)	3.7	0.0190	5.2482	141	*	0.71 (40-140) 50
Naphthalene (C11.7)	3.7	0.0000	2.9388	79		1.26 (40-140) 50
n-Dodecane (C12)	3.7	0.0069	2.6381	71		0 (40-140) 50
2-methylnaphthalene (C12.89)	3.7	0.0041	2.8282	76		2.6 (40-140) 50
n-Tetradecane (C14)	3.7	0.0253	2.8163	75		1.32 (40-140) 50
n-Hexadecane (C16)	3.7	0.0000	3.0917	84		0 (40-140) 50
n-Octadecane (C18)	3.7	0.0123	3.0874	83		1.2 (40-140) 50
n-Eicosane (C20)	3.7	0.0226	3.2184	86		1.16 (40-140) 50
n-Heneicosane (C21)	3.7	0.0376	3.1413	84		0 (40-140) 50
n-Docosane (C22)	3.7	0.0758	3.1579	83		1.2 (40-140) 50
n-Tetracosane (C24)	7.4	0.0657	10.2284	137		38.26 (40-140) 50
n-Hexacosane (C26)	3.7	0.0228	3.1344	84		1.18 (40-140) 50
n-Octacosane (C28)	3.7	0.0946	3.4486	91		1.09 (40-140) 50
n-Tricontane (C30)	3.7	0.1202	3.1712	82		1.21 (40-140) 50
n-Dotriacontane (C32)	3.7	0.1289	3.3912	88		5.52 (40-140) 50
n-Tetratriacontane (C34)	3.7	0.0853	3.2642	86		1.16 (40-140) 50
n-Hexatriacontane (C36)	3.7	0.1249	3.4110	89		1.13 (40-140) 50
n-Octatriacontane (C38)	3.7	0.2647	4.0175	101		12.09 (40-140) 50
n-Tetracontane (C40)	3.7	0.5314	3.4843	80		8.38 (40-140) 50