

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>Q2431</u>	SAS No : <u>Q2431</u> SDG No: <u>Q2431</u>
Sample No :	<u>Q2430-01MSD</u>	Datafile:	<u>FG016161.D</u>	Client ID : <u>MH-E/FMSD</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	34.0	5.84	38.3	96		2.38 (40-140) 50
Aliphatic C9-C28	113.3	9.67	89.1	70		2.4 (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)	3.8	0.0000	2.1361	56		3.51 (40-140) 50
n-Decane (C10)	3.8	0.0000	4.9652	131		2.26 (40-140) 50
Naphthalene (C11.7)	3.8	0.0000	2.6612	70		2.82 (40-140) 50
n-Dodecane (C12)	3.8	0.0000	2.4757	65		3.03 (40-140) 50
2-methylnaphthalene (C12.89)	3.8	0.0000	2.6505	70		1.42 (40-140) 50
n-Tetradecane (C14)	3.8	0.0000	2.6591	70		2.82 (40-140) 50
n-Hexadecane (C16)	3.8	0.0000	2.8776	76		1.31 (40-140) 50
n-Octadecane (C18)	3.8	0.0000	2.9741	78		2.53 (40-140) 50
n-Eicosane (C20)	3.8	0.0000	3.2098	84		2.35 (40-140) 50
n-Heneicosane (C21)	3.8	0.0000	3.1184	82		2.41 (40-140) 50
n-Docosane (C22)	3.8	0.0000	3.1257	82		2.41 (40-140) 50
n-Tetracosane (C24)	7.5	0.0000	6.6060	88		2.25 (40-140) 50
n-Hexacosane (C26)	3.8	0.0000	3.0399	80		2.47 (40-140) 50
n-Octacosane (C28)	3.8	0.0000	3.0225	80		1.24 (40-140) 50
n-Tricontane (C30)	3.8	0.0000	2.9612	78		1.27 (40-140) 50
n-Dotriacontane (C32)	3.8	0.0000	3.0090	79		2.5 (40-140) 50
n-Tetratriacontane (C34)	3.8	0.0000	3.5040	92		2.15 (40-140) 50
n-Hexatriacontane (C36)	3.8	0.0000	3.9169	103		1.92 (40-140) 50
n-Octatriacontane (C38)	3.8	0.0000	4.2700	112		2.64 (40-140) 50
n-Tetracontane (C40)	3.8	0.0000	4.1576	109		1.82 (40-140) 50