

SOLID EPH 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>Q2392</u>	SAS No : <u>Q2392</u> SDG No: <u>Q2392</u>
Sample No :	<u>Q2392-01MS</u>	Datafile:	<u>FC069283.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 C9-C12	10.8	0.40	5.46	47		(40-140)
Aliphatic C12-C16	7.2	0.51	5.02	62		(40-140)
Aliphatic C16-C21	10.8	0.55	9.75	85		(40-140)
Aliphatic C21-C28	14.5	0	10.2	71		(40-140)
Aliphatic C28-C40	21.7	2.08	19.9	82		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	3.6	0.0000	1.3722	38	*	(40-140)
n-Decane (C10)	3.6	0.0000	1.7071	47		(40-140)
Naphthalene (C11.7)	3.6	0.0000	0.0480	1	*	(40-140)
n-Dodecane (C12)	3.6	0.0000	1.8668	52		(40-140)
2-methylnaphthalene (C12.89)	3.6	0.0000	0.0271	1	*	(40-140)
n-Tetradecane (C14)	3.6	0.0000	2.0772	58		(40-140)
n-Hexadecane (C16)	3.6	0.0000	2.2208	62		(40-140)
n-Octadecane (C18)	3.6	0.0000	2.3115	64		(40-140)
n-Eicosane (C20)	3.6	0.0000	2.4923	69		(40-140)
n-Heneicosane (C21)	3.6	0.0000	2.4498	68		(40-140)
n-Docosane (C22)	3.6	0.0000	2.4509	68		(40-140)
n-Tetracosane (C24)	7.2	0.0000	2.4631	34	*	(40-140)
n-Hexacosane (C26)	3.6	0.0000	2.4500	68		(40-140)
n-Octacosane (C28)	3.6	0.0000	2.4475	68		(40-140)
n-Tricontane (C30)	3.6	0.0000	2.4554	68		(40-140)
n-Dotriacontane (C32)	3.6	0.0000	2.5464	71		(40-140)
n-Tetratriacontane (C34)	3.6	0.0000	2.8628	80		(40-140)
n-Hexatriacontane (C36)	3.6	0.0000	3.3443	93		(40-140)
n-Octatriacontane (C38)	3.6	0.0000	3.7433	104		(40-140)
n-Tetracontane (C40)	3.6	0.0000	3.7707	105		(40-140)