

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>Q2392-01MSD</u>	Datafile:	<u>FD049520.D</u>	Client ID : <u>S-1MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	7.2	0.36	6.06	79		0.88 (40-140)	50
Aromatic C12-C16	10.8	0.51	9.78	86		1.16 (40-140)	50
Aromatic C16-C21	18.0	2.39	24.0	119		10 (40-140)	50
Aromatic C21-C36	28.8	1.82	34.7	113		0 (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
1,2,3-Trimethylbenzene (C10.1)	3.6	0.0244	2.9099	80		1.24 (40-140)	50
Naphthalene (C11.7)	3.6	0.0338	2.7441	75		1.32 (40-140)	50
2-Methylnaphthalene (C12.89)	3.6	0.0337	2.6324	72		1.38 (40-140)	50
Acenaphthylene (C15.06)	3.6	0.0355	2.8798	79		1.26 (40-140)	50
Acenaphthene (C15.5)	3.6	0.0404	3.0695	84		1.18 (40-140)	50
Fluorene (C16.55)	3.6	0.0162	3.2448	90		1.1 (40-140)	50
Phenanthrene (C19.36)	3.6	0.0391	3.4580	95		1.05 (40-140)	50
Anthracene (C19.43)	3.6	0.0104	3.4812	96		1.04 (40-140)	50
Pyrene (C20.8)	3.6	0.0358	3.6857	101		0.99 (40-140)	50
Fluoranthene (C21.85)	3.6	0.0458	3.6520	100		0 (40-140)	50
Benzo[a]anthracene (C26.37)	3.6	0.0579	3.8169	104		0 (40-140)	50
Chrysene (C27.41)	3.6	0.0779	7.9476	219	*	0.46 (40-140)	50
Bnezo[k]fluoranthene (C30.14)	3.6	0.0371	7.9974	221	*	0.45 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	3.6	0.0397	8.0149	222	*	0.45 (40-140)	50
benzo[b]fluoranthene (C30.41)	3.6	0.0384	7.5594	209	*	0.48 (40-140)	50
Benzo[a]pyrene (C31.34)	3.6	0.0194	3.7440	103		0 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	3.6	0.0310	3.6939	102		0.99 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	3.6	0.1789	4.4187	118		0.85 (40-140)	50