

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>FD049519.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
Aromatic C10-C12	7.2	0.36	6.12	80		(40-140)
Aromatic C12-C16	10.8	0.51	9.91	87		(40-140)
Aromatic C16-C21	18.1	2.39	21.8	107		(40-140)
Aromatic C21-C36	28.9	1.82	34.6	113		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
1,2,3-Trimethylbenzene (C10.1)	3.6	0.0244	2.9560	81		(40-140)
Naphthalene (C11.7)	3.6	0.0338	2.7870	76		(40-140)
2-Methylnaphthalene (C12.89)	3.6	0.0337	2.6736	73		(40-140)
Acenaphthylene (C15.06)	3.6	0.0355	2.9146	80		(40-140)
Acenaphthene (C15.5)	3.6	0.0404	3.1128	85		(40-140)
Fluorene (C16.55)	3.6	0.0162	3.2812	91		(40-140)
Phenanthrene (C19.36)	3.6	0.0391	3.4866	96		(40-140)
Anthracene (C19.43)	3.6	0.0104	3.5162	97		(40-140)
Pyrene (C20.8)	3.6	0.0358	3.6925	102		(40-140)
Fluoranthene (C21.85)	3.6	0.0458	3.6560	100		(40-140)
Benzo[a]anthracene (C26.37)	3.6	0.0579	3.8028	104		(40-140)
Chrysene (C27.41)	3.6	0.0779	7.9181	218	*	(40-140)
Bnezo[k]fluoranthene (C30.14)	3.6	0.0371	7.9703	220	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	3.6	0.0397	7.9797	221	*	(40-140)
benzo[b]fluoranthene (C30.41)	3.6	0.0384	7.5338	208	*	(40-140)
Benzo[a]pyrene (C31.34)	3.6	0.0194	3.7328	103		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.6	0.0310	3.6821	101		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.6	0.1789	4.3979	117		(40-140)