

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>Alliance Technical Group, LLC - Newark</u>	
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q1872</u>	SAS No : <u>Q1872</u> SDG No: <u>Q1872</u>
Sample No :	<u>Q1901-04MS</u>	Datafile:	<u>FD049330.D</u>	Client ID : <u>B-167-SB02MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	12.5	0.51	9.38	71		(40-140)
Aromatic C12-C16	18.7	0.65	16.8	86		(40-140)
Aromatic C16-C21	31.2	3.65	35.0	100		(40-140)
Aromatic C21-C36	50.0	3.46	51.3	96		(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)	6.2	0.0291	4.3430	70		(40-140)
Naphthalene (C11.7)	6.2	0.0358	4.5598	73		(40-140)
2-Methylnaphthalene (C12.89)	6.2	0.0303	4.6416	74		(40-140)
Acenaphthylene (C15.06)	6.2	0.0242	5.1468	83		(40-140)
Acenaphthene (C15.5)	6.2	0.0468	5.4117	87		(40-140)
Fluorene (C16.55)	6.2	0.0244	5.7071	92		(40-140)
Phenanthrene (C19.36)	6.2	0.0240	5.8070	93		(40-140)
Anthracene (C19.43)	6.2	0.0216	6.4115	103		(40-140)
Pyrene (C20.8)	6.2	0.0348	5.6351	90		(40-140)
Fluoranthene (C21.85)	6.2	0.0645	5.8128	93		(40-140)
Benzo[a]anthracene (C26.37)	6.2	0.0607	6.0675	97		(40-140)
Chrysene (C27.41)	6.2	0.0722	12.2211	196	*	(40-140)
Benzo[k]fluoranthene (C30.14)	6.2	0.0513	11.3805	183	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	6.2	0.1480	12.5455	200	*	(40-140)
benzo[b]fluoranthene (C30.41)	6.2	0.0504	11.1849	180	*	(40-140)
Benzo[a]pyrene (C31.34)	6.2	0.0408	5.6442	90		(40-140)
Benzo[g,h,i]perylene (C34.01)	6.2	0.0554	5.4739	87		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	6.2	0.4633	12.0735	187	*	(40-140)