

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>T&A Construction Inc</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2600</u>
Sample No :	<u>Q2600-05MSD</u>	Datafile:	<u>FD049556.D</u>
		Client ID :	<u>STOCK-PILEMSD</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	8.1	9.04	14.9	72		7.16 (40-140)	50
Aromatic C12-C16	12.2	5.43	17.4	98		3.51 (40-140)	50
Aromatic C16-C21	20.3	19.4	40.7	104		2.93 (40-140)	50
Aromatic C21-C36	32.4	74.6	109	106		6.03 (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)	4.1	0.0000	3.2815	80		2.53 (40-140)	50
Naphthalene (C11.7)	4.1	0.0000	3.7148	91		2.22 (40-140)	50
2-Methylnaphthalene (C12.89)	4.1	0.0000	3.6150	88		3.47 (40-140)	50
Acenaphthylene (C15.06)	4.1	0.0000	3.8935	95		2.13 (40-140)	50
Acenaphthene (C15.5)	4.1	0.0000	3.9111	95		1.06 (40-140)	50
Fluorene (C16.55)	4.1	0.0000	4.0826	100		2.02 (40-140)	50
Phenanthrene (C19.36)	4.1	0.0000	4.3840	107		0.94 (40-140)	50
Anthracene (C19.43)	4.1	0.0000	4.3219	105		0.96 (40-140)	50
Pyrene (C20.8)	4.1	0.0000	5.4523	133		1.52 (40-140)	50
Fluoranthene (C21.85)	4.1	0.0000	4.7324	115		0 (40-140)	50
Benzo[a]anthracene (C26.37)	4.1	0.0000	5.8443	143	*	3.44 (40-140)	50
Chrysene (C27.41)	4.1	0.0000	10.8812	265	*	9.35 (40-140)	50
Benzo[k]fluoranthene (C30.14)	4.1	0.0000	10.7420	262	*	0.76 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	4.1	0.0000	9.2763	226	*	1.79 (40-140)	50
benzo[b]fluoranthene (C30.41)	4.1	0.0000	5.3368	130		1.55 (40-140)	50
Benzo[a]pyrene (C31.34)	4.1	0.0000	6.4132	156	*	9.4 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	4.1	0.0000	4.1259	101		3.02 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	4.1	0.0000	5.2092	127		2.39 (40-140)	50