

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3123</u>
Sample No :	<u>PB169768BSD</u>	Datafile:	<u>FD049740.D</u>
		Client ID :	<u>PB169768BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	4.18	63		1.3 (40-140)	25
Aromatic C12-C16	10	6.76	68		1.4 (40-140)	25
Aromatic C16-C21	16.7	13.6	82		0.633 (40-140)	25
Aromatic C21-C36	26.6	23.2	87		0.9 (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	3.3	2.01197	61		1.63 (40-140)	25
Naphthalene (C11.7)	3.3	2.15499	65		1.53 (40-140)	25
2-Methylnaphthalene (C12.89)	3.3	2.05416	62		1.6 (40-140)	25
Acenaphthylene (C15.06)	3.3	2.32991	71		1.4 (40-140)	25
Acenaphthene (C15.5)	3.3	2.35999	72		1.38 (40-140)	25
Flouorene (C16.55)	3.3	2.53493	77		1.29 (40-140)	25
Phenanthrene (C19.36)	3.3	2.67225	81		1.23 (40-140)	25
Anthracene (C19.43)	3.3	2.67718	81		1.23 (40-140)	25
Fluoranthene (C21.85)	3.3	2.84708	86		1.16 (40-140)	25
Pyrene (C20.8)	3.3	2.90349	88		1.13 (40-140)	25
Benzo[a]anthracene (C26.37)	3.3	2.97473	90		0 (40-140)	25
Chrysene (C27.41)	3.3	3.20493	97		0 (40-140)	25
benzo[b]fluoranthene (C30.41)	3.3	2.90474	88		1.13 (40-140)	25
Bnezo[k]fluoranthene (C30.14)	3.3	3.05236	92		1.08 (40-140)	25
Benzo[a]pyrene (C31.34)	3.3	2.85480	87		0 (40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.16527	96		2.11 (40-140)	25
Dibenz[a,h]anthracene (C30.36)	3.3	2.77776	84		4.88 (40-140)	25
Benzo[g,h,i]perylene (C34.01)	3.3	2.64820	80		1.26 (40-140)	25