

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>PB169768BS</u>	Datafile:	<u>FD049739.D</u>
		Client ID :	<u>PB169768BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	4.24	64		(40-140)
Aromatic C12-C16	10.0	6.86	69		(40-140)
Aromatic C16-C21	16.7	13.7	82		(40-140)
Aromatic C21-C36	26.7	23.0	86		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	3.3	2.04516	62		(40-140)
Naphthalene (C11.7)	3.3	2.18636	66		(40-140)
2-Methylnaphthalene (C12.89)	3.3	2.08425	63		(40-140)
Acenaphthylene (C15.06)	3.3	2.36404	72		(40-140)
Acenaphthene (C15.5)	3.3	2.39919	73		(40-140)
Fluorene (C16.55)	3.3	2.56258	78		(40-140)
Phenanthrene (C19.36)	3.3	2.69341	82		(40-140)
Anthracene (C19.43)	3.3	2.69388	82		(40-140)
Fluoranthene (C21.85)	3.3	2.87084	87		(40-140)
Pyrene (C20.8)	3.3	2.92711	89		(40-140)
Benzo[a]anthracene (C26.37)	3.3	2.97285	90		(40-140)
Chrysene (C27.41)	3.3	3.21539	97		(40-140)
benzo[b]fluoranthene (C30.41)	3.3	2.92275	89		(40-140)
Benzo[k]fluoranthene (C30.14)	3.3	3.06540	93		(40-140)
Benzo[a]pyrene (C31.34)	3.3	2.85946	87		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.09953	94		(40-140)
Dibenz[a,h]anthracene (C30.36)	3.3	2.63398	80		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.3	2.62201	79		(40-140)