

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>PB170577BSD</u>	Datafile:	<u>FF016718.D</u>
		Client ID :	<u>PB170577BSD</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	4.78	72		9.4 (40-140)	25
Aromatic C12-C16	10	7.91	79		9.3 (40-140)	25
Aromatic C16-C21	16.7	13.7	82		9.8 (40-140)	25
Aromatic C21-C36	26.6	24.2	91		9.6 (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	2.22843	68		8.45 (40-140)	25
Naphthalene (C11.7)	3.3	2.54983	77		9.88 (40-140)	25
2-Methylnaphthalene (C12.89)	3.3	2.45250	74		10.26 (40-140)	25
Acenaphthylene (C15.06)	3.3	2.72131	82		10.4 (40-140)	25
Acenaphthene (C15.5)	3.3	2.73237	83		9.2 (40-140)	25
Flouorene (C16.55)	3.3	2.91102	88		8.7 (40-140)	25
Phenanthrene (C19.36)	3.3	2.80421	85		10.06 (40-140)	25
Anthracene (C19.43)	3.3	2.60062	79		8.48 (40-140)	25
Fluoranthene (C21.85)	3.3	2.68790	81		10.53 (40-140)	25
Pyrene (C20.8)	3.3	2.67651	81		9.41 (40-140)	25
Benzo[a]anthracene (C26.37)	3.3	2.95968	90		9.52 (40-140)	25
Chrysene (C27.41)	3.3	2.88280	87		9.84 (40-140)	25
benzo[b]fluoranthene (C30.41)	3.3	3.03739	92		10.31 (40-140)	25
Bnezo[k]fluoranthene (C30.14)	3.3	2.86089	87		8.79 (40-140)	25
Benzo[a]pyrene (C31.34)	3.3	3.04916	92		10.31 (40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	4.28072	130		8.12 (40-140)	25
Dibenz[a,h]anthracene (C30.36)	3.3	2.76091	84		3.51 (40-140)	25
Benzo[g,h,i]perylene (C34.01)	3.3	3.28095	99		11.43 (40-140)	25