

WATER 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>Q3584</u>
Sample No :	<u>PB170496BSD</u>	Datafile:	<u>FF016659.D</u>
		Client ID :	<u>PB170496BSD</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	200	147	74		2 (40-140)	25
Aromatic C12-C16	300	239	80		2.5 (40-140)	25
Aromatic C16-C21	500	468	94		1.7 (40-140)	25
Aromatic C21-C36	800	818	102		1.7 (40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	100.0	70.44558	70		2.82 (40-140)	25
Naphthalene (C11.7)	100.0	76.82139	77		2.56 (40-140)	25
2-Methylnaphthalene (C12.89)	100.0	71.98402	72		2.74 (40-140)	25
Acenaphthylene (C15.06)	100.0	83.73466	84		2.35 (40-140)	25
Acenaphthene (C15.5)	100.0	83.56032	84		1.18 (40-140)	25
Flouorene (C16.55)	100.0	91.53200	92		2.15 (40-140)	25
Phenanthrene (C19.36)	100.0	93.51644	94		1.06 (40-140)	25
Anthracene (C19.43)	100.0	94.69680	95		1.05 (40-140)	25
Fluoranthene (C21.85)	100.0	93.63621	94		1.06 (40-140)	25
Pyrene (C20.8)	100.0	92.84611	93		1.07 (40-140)	25
Benzo[a]anthracene (C26.37)	100.0	104.78473	105		0.95 (40-140)	25
Chrysene (C27.41)	100.0	100.61274	101		0.99 (40-140)	25
benzo[b]fluoranthene (C30.41)	100.0	104.25297	104		2.84 (40-140)	25
Bnezo[k]fluoranthene (C30.14)	100.0	97.51084	98		1.02 (40-140)	25
Benzo[a]pyrene (C31.34)	100.0	102.53088	103		1.92 (40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	100.0	136.73376	137		2.17 (40-140)	25
Dibenz[a,h]anthracene (C30.36)	100.0	90.48935	90		2.2 (40-140)	25
Benzo[g,h,i]perylene (C34.01)	100.0	110.96038	111		2.67 (40-140)	25