

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>FE056804.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
Aliphatic C9-C12	300	161	54		0.68 (40-140)	25
Aliphatic C12-C16	200	132	66		0 (40-140)	25
Aliphatic C16-C21	300	216	72		0 (40-140)	25
Aliphatic C21-C28	400	270	68		0.443 (40-140)	25
Aliphatic C28-C40	600	500	83		8.9 (40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	100.0	45.43077	45		0 (40-140)	25
n-Decane (C10)	100.0	54.37257	54		0 (40-140)	25
Naphthalene (C11.7)	100.0	0.00000	0	*	0 (40-140)	25
n-Dodecane (C12)	100.0	61.68347	62		1.63 (40-140)	25
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	0 (40-140)	25
n-Tetradecane (C14)	100.0	65.39588	65		0 (40-140)	25
n-Hexadecane (C16)	100.0	67.48114	67		0 (40-140)	25
n-Octadecane (C18)	100.0	69.41176	69		0 (40-140)	25
n-Eicosane (C20)	100.0	73.03789	73		0 (40-140)	25
n-Heneicosane (C21)	100.0	73.68003	74		0 (40-140)	25
n-Docosane (C22)	100.0	72.02690	72		0 (40-140)	25
n-Tetracosane (C24)	100.0	67.37848	67		1.48 (40-140)	25
n-Hexacosane (C26)	100.0	65.92323	66		0 (40-140)	25
n-Octacosane (C28)	100.0	65.54746	66		1.53 (40-140)	25
n-Tricontane (C30)	100.0	64.15766	64		4.8 (40-140)	25
n-Dotriacontane (C32)	100.0	69.05142	69		12.31 (40-140)	25
n-Tetratriacontane (C34)	100.0	78.74830	79		13.51 (40-140)	25
n-Hexatriacontane (C36)	100.0	90.99934	91		10.4 (40-140)	25
n-Octatriacontane (C38)	100.0	104.16456	104		6.97 (40-140)	25
n-Tetracontane (C40)	100.0	116.93870	117		7.08 (40-140)	25