

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>FG016928.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
Aliphatic C9-C12	10	5.61	56		0.6 (40-140) 25
Aliphatic C12-C16	6.7	5.07	76		0.52 (40-140) 25
Aliphatic C16-C21	10	8.78	88		0.86 (40-140) 25
Aliphatic C21-C28	13.3	11.1	83		0.85 (40-140) 25
Aliphatic C28-C40	20.0	16.5	83		0.0544 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Nonane (C9)	3.3	1.56744	47		0 (40-140) 25
n-Decane (C10)	3.3	1.88798	57		0 (40-140) 25
Naphthalene (C11.7)	3.3	0.00000	0	*	0 (40-140) 25
n-Dodecane (C12)	3.3	2.14813	65		0 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0 (40-140) 25
n-Tetradecane (C14)	3.3	2.42590	74		1.36 (40-140) 25
n-Hexadecane (C16)	3.3	2.64323	80		0 (40-140) 25
n-Octadecane (C18)	3.3	2.79630	85		1.18 (40-140) 25
n-Eicosane (C20)	3.3	2.97445	90		1.12 (40-140) 25
n-Heneicosane (C21)	3.3	3.01273	91		1.1 (40-140) 25
n-Docosane (C22)	3.3	2.96219	90		1.12 (40-140) 25
n-Tetracosane (C24)	3.4	2.82008	83		1.21 (40-140) 25
n-Hexacosane (C26)	3.3	2.73810	83		1.21 (40-140) 25
n-Octacosane (C28)	3.3	2.62078	79		0 (40-140) 25
n-Tricontane (C30)	3.3	2.38649	72		0 (40-140) 25
n-Dotriacontane (C32)	3.3	2.32907	71		1.42 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.53547	77		0 (40-140) 25
n-Hexatriacontane (C36)	3.3	2.93949	89		0 (40-140) 25
n-Octatriacontane (C38)	3.3	3.33514	101		0 (40-140) 25
n-Tetracontane (C40)	3.3	3.63188	110		0 (40-140) 25