

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Portal Partners Tri-Venture</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2934</u>
Sample No :	<u>PB169398BSD</u>	Datafile:	<u>FE055521.D</u>
		Client ID :	<u>PB169398BSD</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	300	156	52		5.6 (40-140)	25
Aliphatic C12-C16	200	125	62		9.9 (40-140)	25
Aliphatic C16-C21	300	224	75		10.2 (40-140)	25
Aliphatic C21-C28	400	322	80		9.8 (40-140)	25
Aliphatic C28-C40	600	549	92		10.9 (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	43.70571	44		4.44 (40-140)	25
n-Decane (C10)	100.0	52.97225	53		5.5 (40-140)	25
Naphthalene (C11.7)	100.0	0.00000	0	*	0 (40-140)	25
n-Dodecane (C12)	100.0	59.46877	59		8.13 (40-140)	25
2-methylnaphthalene (C12.89)	100.0	0.00000	0	*	0 (40-140)	25
n-Tetradecane (C14)	100.0	61.72803	62		9.23 (40-140)	25
n-Hexadecane (C16)	100.0	63.88871	64		10.37 (40-140)	25
n-Octadecane (C18)	100.0	67.78951	68		11.11 (40-140)	25
n-Eicosane (C20)	100.0	78.37333	78		9.76 (40-140)	25
n-Heneicosane (C21)	100.0	78.68120	79		8.48 (40-140)	25
n-Docosane (C22)	100.0	79.80130	80		9.52 (40-140)	25
n-Tetracosane (C24)	200.0	81.27285	41		9.3 (40-140)	25
n-Hexacosane (C26)	100.0	80.79557	81		9.41 (40-140)	25
n-Octacosane (C28)	100.0	80.56853	81		9.41 (40-140)	25
n-Tricontane (C30)	100.0	79.06262	79		10.78 (40-140)	25
n-Dotriacontane (C32)	100.0	81.14895	81		11.63 (40-140)	25
n-Tetratriacontane (C34)	100.0	87.49100	87		11.89 (40-140)	25
n-Hexatriacontane (C36)	100.0	96.45558	96		11.76 (40-140)	25
n-Octatriacontane (C38)	100.0	103.43145	103		11.01 (40-140)	25
n-Tetracontane (C40)	100.0	105.43048	105		10.81 (40-140)	25