

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>PSEG</u>
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q2067</u>
		SAS No :	<u>Q2067</u>
		SDG No:	<u>Q2067</u>
Sample No :	<u>PB168080BS</u>	Datafile:	<u>FC068940.D</u>
		Client ID :	<u>PB168080BS</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aliphatic C9-C12	300	171	57		(40-140)
Aliphatic C12-C16	200	147	74		(40-140)
Aliphatic C16-C21	300	252	84		(40-140)
Aliphatic C21-C28	400	343	86		(40-140)
Aliphatic C28-C40	600	515	86		(40-140)

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	23.95	7	*	(40-140)
n-Decane (C10)	300	29.20	9	*	(40-140)
Naphthalene (C11.7)	300	0.00	0	*	(40-140)
n-Dodecane (C12)	300	32.51	10	*	(40-140)
2-methylnaphthalene (C12.89)	200	0.00	0	*	(40-140)
n-Tetradecane (C14)	200	35.33	17	*	(40-140)
n-Hexadecane (C16)	200	38.63	19	*	(40-140)
n-Octadecane (C18)	300	40.18	13	*	(40-140)
n-Eicosane (C20)	300	43.84	14	*	(40-140)
n-Heneicosane (C21)	300	42.54	14	*	(40-140)
n-Docosane (C22)	400	42.82	10	*	(40-140)
n-Tetracosane (C24)	400	43.26	10	*	(40-140)
n-Hexacosane (C26)	400	42.88	10	*	(40-140)
n-Octacosane (C28)	400	42.69	10	*	(40-140)
n-Tricontane (C30)	600	42.69	7	*	(40-140)
n-Dotriacontane (C32)	600	42.03	7	*	(40-140)
n-Tetratriacontane (C34)	600	43.03	7	*	(40-140)
n-Hexatriacontane (C36)	600	42.47	7	*	(40-140)
n-Octatriacontane (C38)	600	43.97	7	*	(40-140)
n-Tetracontane (C40)	600	43.61	7	*	(40-140)