

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>PB168080BSD</u>	Datafile:	<u>FC068941.D</u>
		Client ID :	<u>PB168080BSD</u>

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	300	172	57		0.58 (40-140)	25
Aliphatic C12-C16	200	147	74		0 (40-140)	25
Aliphatic C16-C21	300	251	84		0.398 (40-140)	25
Aliphatic C21-C28	400	342	86		0.35 (40-140)	25
Aliphatic C28-C40	600	515	86		0.03 (40-140)	25

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	24.11	8	*	13.33 (40-140) 25
n-Decane (C10)	300	29.47	9	*	0 (40-140) 25
Naphthalene (C11.7)	300	0.00	0	*	0 (40-140) 25
n-Dodecane (C12)	300	32.71	10	*	0 (40-140) 25
2-methylnaphthalene (C12.89)	200	0.00	0	*	0 (40-140) 25
n-Tetradecane (C14)	200	35.45	17	*	0 (40-140) 25
n-Hexadecane (C16)	200	38.56	19	*	0 (40-140) 25
n-Octadecane (C18)	300	40.02	13	*	0 (40-140) 25
n-Eicosane (C20)	300	43.60	14	*	0 (40-140) 25
n-Heneicosane (C21)	300	42.30	14	*	0 (40-140) 25
n-Docosane (C22)	400	42.61	10	*	0 (40-140) 25
n-Tetracosane (C24)	400	43.06	10	*	0 (40-140) 25
n-Hexacosane (C26)	400	42.77	10	*	0 (40-140) 25
n-Octacosane (C28)	400	42.59	10	*	0 (40-140) 25
n-Tricontane (C30)	600	42.54	7	*	0 (40-140) 25
n-Dotriacontane (C32)	600	41.83	6	*	15.38 (40-140) 25
n-Tetratriacontane (C34)	600	42.96	7	*	0 (40-140) 25
n-Hexatriacontane (C36)	600	42.50	7	*	0 (40-140) 25
n-Octatriacontane (C38)	600	44.06	7	*	0 (40-140) 25
n-Tetracontane (C40)	600	43.69	7	*	0 (40-140) 25