

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>Weston Solutions, Inc.</u>
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q1421</u>
		SAS No :	<u>Q1421</u>
		SDG No:	<u>Q1421</u>
Sample No :	<u>PB166975BS</u>	Datafile:	<u>FC068353.D</u>
		Client ID :	<u>PB166975BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	16.7	11.8	71		(40-140)
Aliphatic C12-C16	26.6	17.2	64		(40-140)
Aliphatic C16-C21	26.6	20.7	78		(40-140)
Aliphatic C21-C28	30.0	26.8	89		(40-140)
Aliphatic C28-C40	30.0	29.9	100		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	32.65	11	*	(40-140)
n-Decane (C10)	300	33.34	11	*	(40-140)
Naphthalene (C11.7)	300	36.02	12	*	(40-140)
n-Dodecane (C12)	300	36.09	12	*	(40-140)
2-methylnaphthalene (C12.89)	200	36.58	18	*	(40-140)
n-Tetradecane (C14)	200	41.10	21	*	(40-140)
n-Hexadecane (C16)	200	41.52	21	*	(40-140)
n-Octadecane (C18)	300	41.65	14	*	(40-140)
n-Eicosane (C20)	300	44.16	15	*	(40-140)
n-Heneicosane (C21)	300	42.97	14	*	(40-140)
n-Docosane (C22)	400	43.20	11	*	(40-140)
n-Tetracosane (C24)	400	89.30	22	*	(40-140)
n-Hexacosane (C26)	400	43.26	11	*	(40-140)
n-Octacosane (C28)	400	43.49	11	*	(40-140)
n-Tricontane (C30)	600	43.15	7	*	(40-140)
n-Dotriacontane (C32)	600	44.12	7	*	(40-140)
n-Tetratriacontane (C34)	600	46.49	8	*	(40-140)
n-Hexatriacontane (C36)	600	50.30	8	*	(40-140)
n-Octatriacontane (C38)	600	52.61	9	*	(40-140)
n-Tetracontane (C40)	600	52.47	9	*	(40-140)