

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>Weston Solutions, Inc.</u>
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q1421</u>
Sample No :	<u>Q1421-03</u>	Datafile:	<u>FC068335.D</u>
		SAS No :	<u>Q1421</u>
		SDG No:	<u>Q1421</u>
		Client ID :	<u>P001-CLAY-CF01-01MSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aliphatic C9-C12	14.2	0.29	9.71	66		0 (40-140) 50
Aliphatic C12-C16	9.5	0.50	9.10	91		0.44 (40-140) 50
Aliphatic C16-C21	14.2	0.43	14.7	100		0.1 (40-140) 50
Aliphatic C21-C28	18.9	0	19.6	103		0.98 (40-140) 50
Aliphatic C28-C40	28.4	2.80	34.6	111		0.9 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	0.0039	2.6649	1	*	0 (40-140) 50
n-Decane (C10)	300	0.0136	3.1972	1	*	0 (40-140) 50
Naphthalene (C11.7)	300	0.0068	0.0158	0	*	0 (40-140) 50
n-Dodecane (C12)	300	0.0366	3.5391	1	*	0 (40-140) 50
2-methylnaphthalene (C12.89)	200	0.0128	0.0160	0	*	0 (40-140) 50
n-Tetradecane (C14)	200	0.0543	4.0836	2	*	0 (40-140) 50
n-Hexadecane (C16)	200	0.0189	4.4565	2	*	0 (40-140) 50
n-Octadecane (C18)	300	0.0293	4.6218	2	*	0 (40-140) 50
n-Eicosane (C20)	300	0.0225	4.9453	2	*	0 (40-140) 50
n-Heneicosane (C21)	300	0.0168	4.8184	2	*	0 (40-140) 50
n-Docosane (C22)	400	0.0329	4.8458	1	*	0 (40-140) 50
n-Tetracosane (C24)	400	0.0412	4.8071	1	*	0 (40-140) 50
n-Hexacosane (C26)	400	0.0334	4.8087	1	*	0 (40-140) 50
n-Octacosane (C28)	400	0.0423	4.8366	1	*	0 (40-140) 50
n-Tricontane (C30)	600	0.0493	4.8144	1	*	0 (40-140) 50
n-Dotriacontane (C32)	600	0.0547	4.9326	1	*	0 (40-140) 50
n-Tetratriacontane (C34)	600	0.0570	5.2368	1	*	0 (40-140) 50
n-Hexatriacontane (C36)	600	0.2043	5.7388	1	*	0 (40-140) 50
n-Octatriacontane (C38)	600	0.4159	6.2411	1	*	0 (40-140) 50
n-Tetracontane (C40)	600	0.2063	6.1033	1	*	0 (40-140) 50