

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q2363</u>
		SAS No :	<u>Q2363</u>
		SDG No:	<u>Q2363</u>
Sample No :	<u>Q2363-01MSD</u>	Datafile:	<u>FC069272.D</u>
		Client ID :	<u>GCAP1MSD</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 C28-C40	35.0	8.76	38.9	86		10.3 (40-140) 50
Aliphatic C9-C28	116.7	91.2	156	56		14 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
n-Nonane (C9)	3.9	0.3531	3.0110	68		5.71 (40-140) 50
n-Decane (C10)	3.9	0.9697	3.5097	65		7.41 (40-140) 50
Naphthalene (C11.7)	3.9	1.6934	4.6088	75		7.69 (40-140) 50
n-Dodecane (C12)	3.9	1.3068	3.9778	68		8.45 (40-140) 50
2-methylnaphthalene (C12.89)	3.9	1.1581	3.9541	72		6.71 (40-140) 50
n-Tetradecane (C14)	3.9	1.6882	4.2704	66		10.07 (40-140) 50
n-Hexadecane (C16)	3.9	0.3822	2.9246	65		7.41 (40-140) 50
n-Octadecane (C18)	3.9	0.0827	2.5418	63		6.15 (40-140) 50
n-Eicosane (C20)	3.9	0.0706	2.6637	66		7.3 (40-140) 50
n-Heneicosane (C21)	3.9	0.0582	2.5933	65		5.97 (40-140) 50
n-Docosane (C22)	3.9	0.0876	2.5989	64		7.52 (40-140) 50
n-Tetracosane (C24)	7.8	0.0820	5.1302	65		7.41 (40-140) 50
n-Hexacosane (C26)	3.9	0.0963	2.5846	64		7.52 (40-140) 50
n-Octacosane (C28)	3.9	0.1094	2.5635	63		9.09 (40-140) 50
n-Tricontane (C30)	3.9	0.0521	2.5520	64		10.37 (40-140) 50
n-Dotriacontane (C32)	3.9	0.1476	2.7713	67		11.27 (40-140) 50
n-Tetratriacontane (C34)	3.9	0.2193	3.2717	78		12.05 (40-140) 50
n-Hexatriacontane (C36)	3.9	0.3689	3.8354	89		10.64 (40-140) 50
n-Octatriacontane (C38)	3.9	0.1866	4.3914	108		7.14 (40-140) 50
n-Tetracontane (C40)	3.9	0.0824	4.1951	105		8.22 (40-140) 50