

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2705</u>
Sample No :	<u>Q2706-01MSD</u>	Datafile:	<u>FC069553.D</u>
		Client ID :	<u>RT-5417MSD</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	32.5	11.6	44.2	100		4.92 (40-140) 50
Aliphatic C9-C28	108.4	4.26	83.8	73		1.2 (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)	3.6	0.0000	2.1669	60		5.13 (40-140) 50
n-Decane (C10)	3.6	0.0000	4.9770	138		4.44 (40-140) 50
Naphthalene (C11.7)	3.6	0.0000	2.6530	74		5.56 (40-140) 50
n-Dodecane (C12)	3.6	0.0000	2.5323	70		4.38 (40-140) 50
2-methylnaphthalene (C12.89)	3.6	0.0000	2.6024	72		4.26 (40-140) 50
n-Tetradecane (C14)	3.6	0.0000	2.7082	75		5.48 (40-140) 50
n-Hexadecane (C16)	3.6	0.0000	2.8009	78		5.26 (40-140) 50
n-Octadecane (C18)	3.6	0.0000	2.9129	81		5.06 (40-140) 50
n-Eicosane (C20)	3.6	0.0000	3.1817	88		4.65 (40-140) 50
n-Heneicosane (C21)	3.6	0.0000	3.1180	87		5.92 (40-140) 50
n-Docosane (C22)	3.6	0.0000	3.1278	87		4.71 (40-140) 50
n-Tetracosane (C24)	7.2	0.0000	9.5039	132		4.65 (40-140) 50
n-Hexacosane (C26)	3.6	0.0000	3.1535	88		5.85 (40-140) 50
n-Octacosane (C28)	3.6	0.0000	3.3107	92		5.59 (40-140) 50
n-Tricontane (C30)	3.6	0.0000	3.2064	89		4.6 (40-140) 50
n-Dotriacontane (C32)	3.6	0.0000	3.2961	92		5.59 (40-140) 50
n-Tetratriacontane (C34)	3.6	0.0000	3.7597	104		4.93 (40-140) 50
n-Hexatriacontane (C36)	3.6	0.0000	4.2695	119		6.5 (40-140) 50
n-Octatriacontane (C38)	3.6	0.0000	4.6073	128		3.98 (40-140) 50
n-Tetracontane (C40)	3.6	0.0000	4.0645	113		5.45 (40-140) 50