

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2743</u>
Sample No :	<u>Q2743-01MS</u>	Datafile:	<u>FC069640.D</u>
		Client ID :	<u>WC1MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	12.8	0.60	6.20	44		(40-140)
Aliphatic C12-C16	8.5	1.07	5.70	54		(40-140)
Aliphatic C16-C21	12.8	1.61	8.84	57		(40-140)
Aliphatic C21-C28	17.0	0	10.1	59		(40-140)
Aliphatic C28-C40	25.5	3.90	18.7	58		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.3	0.0000	1.6350	38	*	(40-140)
n-Decane (C10)	4.3	0.0000	1.9231	45		(40-140)
Naphthalene (C11.7)	4.3	0.0000	0.0265	1	*	(40-140)
n-Dodecane (C12)	4.3	0.0000	2.1223	49		(40-140)
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0180	0	*	(40-140)
n-Tetradecane (C14)	4.3	0.0000	2.2727	53		(40-140)
n-Hexadecane (C16)	4.3	0.0000	2.3620	55		(40-140)
n-Octadecane (C18)	4.3	0.0000	2.3866	56		(40-140)
n-Eicosane (C20)	4.3	0.0000	2.5098	58		(40-140)
n-Heneicosane (C21)	4.3	0.0000	2.4805	58		(40-140)
n-Docosane (C22)	4.3	0.0000	2.4423	57		(40-140)
n-Tetracosane (C24)	8.5	0.0000	2.4365	29	*	(40-140)
n-Hexacosane (C26)	4.3	0.0000	2.4124	56		(40-140)
n-Octacosane (C28)	4.3	0.0000	2.3745	55		(40-140)
n-Tricontane (C30)	4.3	0.0000	2.2817	53		(40-140)
n-Dotriacontane (C32)	4.3	0.0000	2.3091	54		(40-140)
n-Tetratriacontane (C34)	4.3	0.0000	2.5127	58		(40-140)
n-Hexatriacontane (C36)	4.3	0.0000	2.8953	67		(40-140)
n-Octatriacontane (C38)	4.3	0.0000	3.2108	75		(40-140)
n-Tetracontane (C40)	4.3	0.0000	3.0409	71		(40-140)