

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>Q2743-01MSD</u>	Datafile:	<u>FC069641.D</u>
		Client ID :	<u>WC1MSD</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	12.8	0.60	6.03	43		3.01	(40-140)	50
Aliphatic C12-C16	8.5	1.07	5.46	52		5.27	(40-140)	50
Aliphatic C16-C21	12.8	1.61	8.76	56		1.06	(40-140)	50
Aliphatic C21-C28	17.0	0	10.1	59		0	(40-140)	50
Aliphatic C28-C40	25.5	3.90	19.0	59		2.05	(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)	4.3	0.0000	1.6089	37	*	3.0	(40-140)	50
n-Decane (C10)	4.3	0.0000	1.8911	44		2.24	(40-140)	50
Naphthalene (C11.7)	4.3	0.0000	0.0219	1	*	0	(40-140)	50
n-Dodecane (C12)	4.3	0.0000	2.0896	49		0	(40-140)	50
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0126	0	*	0	(40-140)	50
n-Tetradecane (C14)	4.3	0.0000	2.2369	52		2.0	(40-140)	50
n-Hexadecane (C16)	4.3	0.0000	2.3324	54		2.0	(40-140)	50
n-Octadecane (C18)	4.3	0.0000	2.3650	55		2.0	(40-140)	50
n-Eicosane (C20)	4.3	0.0000	2.4943	58		0	(40-140)	50
n-Heneicosane (C21)	4.3	0.0000	2.4508	57		2.0	(40-140)	50
n-Docosane (C22)	4.3	0.0000	2.4362	57		0	(40-140)	50
n-Tetracosane (C24)	8.5	0.0000	2.4366	29	*	0	(40-140)	50
n-Hexacosane (C26)	4.3	0.0000	2.4180	56		0	(40-140)	50
n-Octacosane (C28)	4.3	0.0000	2.3894	56		2.0	(40-140)	50
n-Tricontane (C30)	4.3	0.0000	2.2992	53		0	(40-140)	50
n-Dotriacontane (C32)	4.3	0.0000	2.3268	54		0	(40-140)	50
n-Tetratriacontane (C34)	4.3	0.0000	2.5499	59		2.0	(40-140)	50
n-Hexatriacontane (C36)	4.3	0.0000	2.9086	68		1.48	(40-140)	50
n-Octatriacontane (C38)	4.3	0.0000	3.1656	74		1.34	(40-140)	50
n-Tetracontane (C40)	4.3	0.0000	3.0678	71		0	(40-140)	50