

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>Q2503</u>
Sample No :	<u>Q2515-01MSD</u>	Datafile:	<u>FG016233.D</u>
		Client ID :	<u>WC-1MSD</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	34.3	12.4	49.8	109		0.92 (40-140) 50
Aliphatic C9-C28	114.3	5.56	111	92		3 (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)	3.8	0.0000	2.3955	63		0 (40-140) 50
n-Decane (C10)	3.8	0.0000	5.7935	152	*	0.66 (40-140) 50
Naphthalene (C11.7)	3.8	0.0000	3.2237	85		0 (40-140) 50
n-Dodecane (C12)	3.8	0.0000	3.0244	80		0 (40-140) 50
2-methylnaphthalene (C12.89)	3.8	0.0000	3.2795	86		0 (40-140) 50
n-Tetradecane (C14)	3.8	0.0000	3.3935	89		0 (40-140) 50
n-Hexadecane (C16)	3.8	0.0000	3.6430	96		0 (40-140) 50
n-Octadecane (C18)	3.8	0.0000	3.7179	98		1.03 (40-140) 50
n-Eicosane (C20)	3.8	0.0000	3.9987	105		0 (40-140) 50
n-Heneicosane (C21)	3.8	0.0000	3.8763	102		0 (40-140) 50
n-Docosane (C22)	3.8	0.0000	3.8481	101		0 (40-140) 50
n-Tetracosane (C24)	7.6	0.0000	7.7618	102		0 (40-140) 50
n-Hexacosane (C26)	3.8	0.0000	3.6750	97		1.04 (40-140) 50
n-Octacosane (C28)	3.8	0.0000	3.6707	97		1.04 (40-140) 50
n-Tricontane (C30)	3.8	0.0000	3.5168	93		0 (40-140) 50
n-Dotriacontane (C32)	3.8	0.0000	3.5574	94		0 (40-140) 50
n-Tetratriacontane (C34)	3.8	0.0000	4.2836	113		1.79 (40-140) 50
n-Hexatriacontane (C36)	3.8	0.0000	4.9972	132		0.75 (40-140) 50
n-Octatriacontane (C38)	3.8	0.0000	5.4939	145	*	4.05 (40-140) 50
n-Tetracontane (C40)	3.8	0.0000	5.6265	148	*	2.74 (40-140) 50