

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>Q3586-03MS</u>	Datafile:	<u>FG016960.D</u>
		Client ID :	<u>SED-3MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	19.6	0.38	9.59	47		(40-140)
Aliphatic C12-C16	13.1	0.34	8.55	63		(40-140)
Aliphatic C16-C21	19.6	0.45	13.9	68		(40-140)
Aliphatic C21-C28	26.2	1.28	17.2	61		(40-140)
Aliphatic C28-C40	39.3	4.64	26.9	57		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	6.5	0.0085	2.6093	40		(40-140)
n-Decane (C10)	6.5	0.0231	3.1071	47		(40-140)
Naphthalene (C11.7)	6.5	0.0100	0.0127	0	*	(40-140)
n-Dodecane (C12)	6.5	0.0412	3.4882	53		(40-140)
2-methylnaphthalene (C12.89)	6.5	0.0167	0.0214	0	*	(40-140)
n-Tetradecane (C14)	6.5	0.0387	3.8635	59		(40-140)
n-Hexadecane (C16)	6.5	0.0242	4.2604	65		(40-140)
n-Octadecane (C18)	6.5	0.0460	4.4257	67		(40-140)
n-Eicosane (C20)	6.5	0.0478	4.5381	69		(40-140)
n-Heneicosane (C21)	6.5	0.0828	4.6036	70		(40-140)
n-Docosane (C22)	6.5	0.1224	4.4766	67		(40-140)
n-Tetracosane (C24)	6.6	0.0998	4.2681	63		(40-140)
n-Hexacosane (C26)	6.5	0.1113	4.1255	62		(40-140)
n-Octacosane (C28)	6.5	0.1280	3.9400	59		(40-140)
n-Tricontane (C30)	6.5	0.1491	3.6114	53		(40-140)
n-Dotriacontane (C32)	6.5	0.1422	3.5159	52		(40-140)
n-Tetratriacontane (C34)	6.5	0.1643	3.8081	56		(40-140)
n-Hexatriacontane (C36)	6.5	0.2172	4.5077	66		(40-140)
n-Octatriacontane (C38)	6.5	0.2855	5.2253	76		(40-140)
n-Tetracontane (C40)	6.5	0.0888	5.0576	76		(40-140)