

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Ronald Adams</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3301</u>
Sample No :	<u>Q3301-01MS</u>	Datafile:	<u>FC069965.D</u>
		Client ID :	<u>SOILMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	12.3	272	270	16	*	(40-140)
Aliphatic C12-C16	8.2	1020	1020	18	*	(40-140)
Aliphatic C16-C21	12.3	997	988	74		(40-140)
Aliphatic C21-C28	16.4	175	187	71		(40-140)
Aliphatic C28-C40	24.7	32.2	59.8	112		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.1	1.8240	3.7975	48		(40-140)
n-Decane (C10)	4.1	8.4324	13.8788	133		(40-140)
Naphthalene (C11.7)	4.1	12.9747	13.9723	24	*	(40-140)
n-Dodecane (C12)	4.1	32.6278	35.9315	81		(40-140)
2-methylnaphthalene (C12.89)	4.1	14.2011	24.4578	250	*	(40-140)
n-Tetradecane (C14)	4.1	68.9878	73.4850	110		(40-140)
n-Hexadecane (C16)	4.1	26.9516	27.7347	19	*	(40-140)
n-Octadecane (C18)	4.1	19.6558	19.1305	13	*	(40-140)
n-Eicosane (C20)	4.1	39.2887	41.5285	55		(40-140)
n-Heneicosane (C21)	4.1	41.2279	44.4791	79		(40-140)
n-Docosane (C22)	4.1	18.5603	22.4597	95		(40-140)
n-Tetracosane (C24)	8.2	5.2413	9.6310	54		(40-140)
n-Hexacosane (C26)	4.1	2.0021	7.0389	123		(40-140)
n-Octacosane (C28)	4.1	1.2980	5.7608	109		(40-140)
n-Tricontane (C30)	4.1	0.9661	5.3613	107		(40-140)
n-Dotriacontane (C32)	4.1	0.8313	5.2789	108		(40-140)
n-Tetratriacontane (C34)	4.1	1.1139	5.8565	116		(40-140)
n-Hexatriacontane (C36)	4.1	0.9091	6.9676	148	*	(40-140)
n-Octatriacontane (C38)	4.1	0.6037	6.7159	149	*	(40-140)
n-Tetracontane (C40)	4.1	0.0589	5.7474	139		(40-140)