

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>Q3301-01MSD</u>	Datafile:	<u>FC069966.D</u>
		Client ID :	<u>SOILMSD</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	12.3	272	273	8	*	594 * (40-140)	50
Aliphatic C12-C16	8.2	1020	962	699	*	210 * (40-140)	50
Aliphatic C16-C21	12.3	997	997	1	*	192 * (40-140)	50
Aliphatic C21-C28	16.4	175	191	95		29 (40-140)	50
Aliphatic C28-C40	24.7	32.2	56.0	97		14.7 (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)	4.1	1.8240	3.9380	52		8 (40-140)	50
n-Decane (C10)	4.1	8.4324	14.4158	146	*	9.32 (40-140)	50
Naphthalene (C11.7)	4.1	12.9747	14.5819	39	*	47.62 (40-140)	50
n-Dodecane (C12)	4.1	32.6278	37.1867	111		31.25 (40-140)	50
2-methylnaphthalene (C12.89)	4.1	14.2011	35.4648	519	*	69.96 * (40-140)	50
n-Tetradecane (C14)	4.1	68.9878	75.3511	155	*	33.96 (40-140)	50
n-Hexadecane (C16)	4.1	26.9516	31.5783	113		142.42 (40-140)	50
n-Octadecane (C18)	4.1	19.6558	0.0000	479	*	189.43 (40-140)	50
n-Eicosane (C20)	4.1	39.2887	44.0600	116		71.35 * (40-140)	50
n-Heneicosane (C21)	4.1	41.2279	45.9443	115		37.11 (40-140)	50
n-Docosane (C22)	4.1	18.5603	23.3397	117		20.75 (40-140)	50
n-Tetracosane (C24)	8.2	5.2413	9.9931	58		7.14 (40-140)	50
n-Hexacosane (C26)	4.1	2.0021	7.2448	128		3.98 (40-140)	50
n-Octacosane (C28)	4.1	1.2980	5.8781	112		2.71 (40-140)	50
n-Tricontane (C30)	4.1	0.9661	5.4110	108		0.93 (40-140)	50
n-Dotriacontane (C32)	4.1	0.8313	5.4671	113		4.52 (40-140)	50
n-Tetratriacontane (C34)	4.1	1.1139	5.8470	115		0.87 (40-140)	50
n-Hexatriacontane (C36)	4.1	0.9091	6.3396	132		11.43 (40-140)	50
n-Octatriacontane (C38)	4.1	0.6037	6.7337	150	*	0.67 (40-140)	50
n-Tetracontane (C40)	4.1	0.0589	5.8648	142	*	2.14 (40-140)	50