

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>FD049834.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 (%)
Aromatic C10-C12	8.2	51.5	51.3	3	*	(40-140)
Aromatic C12-C16	12.3	272	239	271	*	(40-140)
Aromatic C16-C21	20.6	542	526	79		(40-140)
Aromatic C21-C36	32.9	76.3	138	187	*	(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
1,2,3-Trimethylbenzene (C10.1)	4.1	2.2235	5.4989	80		(40-140)
Naphthalene (C11.7)	4.1	5.4753	9.2778	93		(40-140)
2-Methylnaphthalene (C12.89)	4.1	9.1882	13.8594	114		(40-140)
Acenaphthylene (C15.06)	4.1	9.3248	15.1878	143	*	(40-140)
Acenaphthene (C15.5)	4.1	10.5958	22.2935	285	*	(40-140)
Fluorene (C16.55)	4.1	13.8560	19.9279	148	*	(40-140)
Phenanthrene (C19.36)	4.1	15.7594	19.2667	86		(40-140)
Anthracene (C19.43)	4.1	12.4994	32.8720	497	*	(40-140)
Pyrene (C20.8)	4.1	5.6698	12.9678	178	*	(40-140)
Fluoranthene (C21.85)	4.1	13.9668	21.5966	186	*	(40-140)
Benzo[a]anthracene (C26.37)	4.1	0.7804	9.1747	205	*	(40-140)
Chrysene (C27.41)	4.1	1.4569	18.4344	414	*	(40-140)
Benzo[k]fluoranthene (C30.14)	4.1	0.1666	16.9929	410	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	4.1	0.0636	15.6711	381	*	(40-140)
benzo[b]fluoranthene (C30.41)	4.1	0.1268	8.1880	197	*	(40-140)
Benzo[a]pyrene (C31.34)	4.1	0.0641	7.9045	191	*	(40-140)
Benzo[g,h,i]perylene (C34.01)	4.1	0.0641	7.8562	190	*	(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	4.1	0.2555	9.0926	216	*	(40-140)