

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>FD049835.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
Aromatic C10-C12	8.2	51.5	51.0	7	*	75 * (40-140)	50
Aromatic C12-C16	12.3	272	246	214	*	23.5 (40-140)	50
Aromatic C16-C21	20.5	542	530	60		27.3 (40-140)	50
Aromatic C21-C36	32.9	76.3	137	184	*	1.62 (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
1,2,3-Trimethylbenzene (C10.1)	4.1	2.2235	5.4740	79		1.26 (40-140)	50
Naphthalene (C11.7)	4.1	5.4753	9.2292	92		1.08 (40-140)	50
2-Methylnaphthalene (C12.89)	4.1	9.1882	13.8308	113		0.88 (40-140)	50
Acenaphthylene (C15.06)	4.1	9.3248	15.0808	140		2.12 (40-140)	50
Acenaphthene (C15.5)	4.1	10.5958	22.1376	282	*	1.06 (40-140)	50
Fluorene (C16.55)	4.1	13.8560	19.6708	142	*	4.14 (40-140)	50
Phenanthrene (C19.36)	4.1	15.7594	19.2095	84		2.35 (40-140)	50
Anthracene (C19.43)	4.1	12.4994	32.7495	494	*	0.61 (40-140)	50
Pyrene (C20.8)	4.1	5.6698	12.9068	177	*	0.56 (40-140)	50
Fluoranthene (C21.85)	4.1	13.9668	21.3977	181	*	2.72 (40-140)	50
Benzo[a]anthracene (C26.37)	4.1	0.7804	9.0646	202	*	1.47 (40-140)	50
Chrysene (C27.41)	4.1	1.4569	18.2303	409	*	1.22 (40-140)	50
Benzo[k]fluoranthene (C30.14)	4.1	0.1666	16.8896	408	*	0.49 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	4.1	0.0636	15.6306	380	*	0.26 (40-140)	50
benzo[b]fluoranthene (C30.41)	4.1	0.1268	8.1179	195	*	1.02 (40-140)	50
Benzo[a]pyrene (C31.34)	4.1	0.0641	7.8359	190	*	0.52 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	4.1	0.0641	7.8076	189	*	0.53 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	4.1	0.2555	9.0032	213	*	1.4 (40-140)	50