

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>FF016726.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 (%)
Aromatic C10-C12	13.1	0.25	8.12	60		(40-140)
Aromatic C12-C16	19.6	4.66	13.6	46		(40-140)
Aromatic C16-C21	32.7	2.53	27.8	77		(40-140)
Aromatic C21-C36	52.3	0	44.9	86		(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)	6.5	0.0174	3.9777	61		(40-140)
Naphthalene (C11.7)	6.5	0.0256	3.8270	58		(40-140)
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.5596	54		(40-140)
Acenaphthylene (C15.06)	6.5	0.0198	4.1275	63		(40-140)
Acenaphthene (C15.5)	6.5	0.0000	4.2303	65		(40-140)
Fluorene (C16.55)	6.5	0.0116	4.6282	71		(40-140)
Phenanthrene (C19.36)	6.5	0.0074	4.6796	72		(40-140)
Anthracene (C19.43)	6.5	0.0042	4.7788	73		(40-140)
Pyrene (C20.8)	6.5	0.0000	4.5427	70		(40-140)
Fluoranthene (C21.85)	6.5	0.0612	4.6476	71		(40-140)
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.1470	171	*	(40-140)
Chrysene (C27.41)	6.5	0.0397	8.9965	138		(40-140)
Bnezo[k]fluoranthene (C30.14)	6.5	0.0172	9.5714	147	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.1114	139		(40-140)
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.5194	162	*	(40-140)
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.1313	79		(40-140)
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.6971	87		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	13.9442	213	*	(40-140)