

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>Q3586-03MSD</u>	Datafile:	<u>FF016727.D</u>
		Client ID :	<u>SED-3MSD</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	13.1	0.25	8.32	62		2.3 (40-140) 50
Aromatic C12-C16	19.6	4.66	14.0	48		4.29 (40-140) 50
Aromatic C16-C21	32.7	2.53	33.7	95		20 (40-140) 50
Aromatic C21-C36	52.4	0	46.2	88		2.76 (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)	6.5	0.0174	4.0914	63		3.23 (40-140) 50
Naphthalene (C11.7)	6.5	0.0256	3.9334	60		3.39 (40-140) 50
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.6731	56		3.64 (40-140) 50
Acenaphthylene (C15.06)	6.5	0.0198	4.2409	65		3.13 (40-140) 50
Acenaphthene (C15.5)	6.5	0.0000	4.3457	67		3.03 (40-140) 50
Fluorene (C16.55)	6.5	0.0116	4.7286	73		2.78 (40-140) 50
Phenanthrene (C19.36)	6.5	0.0074	4.8057	74		2.74 (40-140) 50
Anthracene (C19.43)	6.5	0.0042	4.9010	75		2.7 (40-140) 50
Pyrene (C20.8)	6.5	0.0000	4.6533	72		2.82 (40-140) 50
Fluoranthene (C21.85)	6.5	0.0612	4.7658	72		1.4 (40-140) 50
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.4626	176	*	2.88 (40-140) 50
Chrysene (C27.41)	6.5	0.0397	9.2512	142	*	2.86 (40-140) 50
Bnezo[k]fluoranthene (C30.14)	6.5	0.0172	9.8341	151	*	2.68 (40-140) 50
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.3972	144	*	3.53 (40-140) 50
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.8082	166	*	2.44 (40-140) 50
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.2704	81		2.5 (40-140) 50
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.8548	90		3.39 (40-140) 50
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	14.3815	220	*	3.23 (40-140) 50