

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>G Environmental</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2743</u>
Sample No :	<u>Q2743-01MSD</u>	Datafile:	<u>FD049622.D</u>
		Client ID :	<u>WC1MSD</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	8.5	0.68	6.43	68		0.44 (40-140) 50
Aromatic C12-C16	12.8	0.70	10.2	74		0 (40-140) 50
Aromatic C16-C21	21.3	5.38	23.0	83		0.48 (40-140) 50
Aromatic C21-C36	34.0	7.14	35.7	84		0.95 (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)	4.3	0.0000	3.0138	70		0 (40-140) 50
Naphthalene (C11.7)	4.3	0.0000	2.9016	67		1.48 (40-140) 50
2-Methylnaphthalene (C12.89)	4.3	0.0000	2.7475	64		0 (40-140) 50
Acenaphthylene (C15.06)	4.3	0.0000	3.0949	72		0 (40-140) 50
Acenaphthene (C15.5)	4.3	0.0000	3.1427	73		0 (40-140) 50
Fluorene (C16.55)	4.3	0.0000	3.2834	76		1.30 (40-140) 50
Phenanthrene (C19.36)	4.3	0.0000	3.5605	83		1.19 (40-140) 50
Anthracene (C19.43)	4.3	0.0000	3.5344	82		1.21 (40-140) 50
Pyrene (C20.8)	4.3	0.0000	3.8459	89		1.11 (40-140) 50
Fluoranthene (C21.85)	4.3	0.0000	3.8453	89		1.11 (40-140) 50
Benzo[a]anthracene (C26.37)	4.3	0.0000	3.8547	90		0 (40-140) 50
Chrysene (C27.41)	4.3	0.0000	8.0045	186	*	0.53 (40-140) 50
Bnezo[k]fluoranthene (C30.14)	4.3	0.0000	7.7529	180	*	0.55 (40-140) 50
Dibenz[a,h]anthracene (C30.36)	4.3	0.0000	7.0943	165	*	0.60 (40-140) 50
benzo[b]fluoranthene (C30.41)	4.3	0.0000	7.2970	170	*	0 (40-140) 50
Benzo[a]pyrene (C31.34)	4.3	0.0000	3.6652	85		1.17 (40-140) 50
Benzo[g,h,i]perylene (C34.01)	4.3	0.0000	3.2484	76		0 (40-140) 50
Indeno[1,2,3-cd]pyrene (C35.01)	4.3	0.0000	7.4755	174	*	0.57 (40-140) 50