

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3123</u>
Sample No :	<u>Q3123-01MSD</u>	Datafile:	<u>FD049744.D</u>
		Client ID :	<u>TP-2MSD</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	7.4	0.33	5.45	70		0.43 (40-140)	50
Aromatic C12-C16	11.0	2.54	10.6	73		18.2 (40-140)	50
Aromatic C16-C21	18.4	16.6	36.2	106		1.9 (40-140)	50
Aromatic C21-C36	29.4	25.5	54.9	100		1.51 (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)	3.7	0.0228	2.4721	66		0 (40-140)	50
Naphthalene (C11.7)	3.7	0.0323	2.6891	72		1.4 (40-140)	50
2-Methylnaphthalene (C12.89)	3.7	0.0346	2.7523	73		0 (40-140)	50
Acenaphthylene (C15.06)	3.7	0.0684	3.3313	88		1.14 (40-140)	50
Acenaphthene (C15.5)	3.7	0.2025	3.5000	89		1.13 (40-140)	50
Fluorene (C16.55)	3.7	0.1747	3.7107	96		1.05 (40-140)	50
Phenanthrene (C19.36)	3.7	1.9602	5.6168	99		1.02 (40-140)	50
Anthracene (C19.43)	3.7	0.5529	4.3245	102		0.99 (40-140)	50
Pyrene (C20.8)	3.7	2.7850	6.5488	102		0.99 (40-140)	50
Fluoranthene (C21.85)	3.7	3.1266	6.8309	100		1.01 (40-140)	50
Benzo[a]anthracene (C26.37)	3.7	3.2721	5.5408	61		1.65 (40-140)	50
Chrysene (C27.41)	3.7	3.2887	11.0804	211	*	1.43 (40-140)	50
Benzo[k]fluoranthene (C30.14)	3.7	2.5300	9.8907	199	*	1.52 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	3.7	1.5614	8.2039	180	*	2.82 (40-140)	50
benzo[b]fluoranthene (C30.41)	3.7	2.3782	5.2648	78		1.29 (40-140)	50
Benzo[a]pyrene (C31.34)	3.7	1.4103	5.9494	123		1.64 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	3.7	0.8287	3.7719	80		1.26 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	3.7	1.5329	4.7279	86		1.17 (40-140)	50