

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>Q3123-01MS</u>	Datafile:	<u>FD049743.D</u>
		Client ID :	<u>TP-2MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	7.4	0.33	5.42	69		(40-140)
Aromatic C12-C16	11.0	2.54	12.2	88		(40-140)
Aromatic C16-C21	18.4	16.6	35.9	104		(40-140)
Aromatic C21-C36	29.4	25.5	54.4	98		(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)	3.7	0.0228	2.4556	66		(40-140)
Naphthalene (C11.7)	3.7	0.0323	2.6655	71		(40-140)
2-Methylnaphthalene (C12.89)	3.7	0.0346	2.7230	73		(40-140)
Acenaphthylene (C15.06)	3.7	0.0684	3.2998	87		(40-140)
Acenaphthene (C15.5)	3.7	0.2025	3.4686	88		(40-140)
Fluorene (C16.55)	3.7	0.1747	3.6798	95		(40-140)
Phenanthrene (C19.36)	3.7	1.9602	5.5724	98		(40-140)
Anthracene (C19.43)	3.7	0.5529	4.2874	101		(40-140)
Pyrene (C20.8)	3.7	2.7850	6.5056	101		(40-140)
Fluoranthene (C21.85)	3.7	3.1266	6.7837	99		(40-140)
Benzo[a]anthracene (C26.37)	3.7	3.2721	5.4736	60		(40-140)
Chrysene (C27.41)	3.7	3.2887	10.9783	208	*	(40-140)
Bnezo[k]fluoranthene (C30.14)	3.7	2.5300	9.7976	196	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	3.7	1.5614	8.0226	175	*	(40-140)
benzo[b]fluoranthene (C30.41)	3.7	2.3782	5.2207	77		(40-140)
Benzo[a]pyrene (C31.34)	3.7	1.4103	5.8925	121		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.7	0.8287	3.7423	79		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.7	1.5329	4.6730	85		(40-140)