

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>BAPS North Bergen Development Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2892</u>
Sample No :	<u>Q2892-05MS</u>	Datafile:	<u>FD049660.D</u>
		Client ID :	<u>BACK-1-FLOOR-CENTER-MIDDLE-CMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	7.5	0.24	6.53	84		(40-140)
Aromatic C12-C16	11.3	5.67	10.7	45		(40-140)
Aromatic C16-C21	18.8	1.61	23.2	114		(40-140)
Aromatic C21-C36	30.1	2.45	36.9	114		(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)	3.8	0.0000	3.1951	84		(40-140)
Naphthalene (C11.7)	3.8	0.0000	3.0742	81		(40-140)
2-Methylnaphthalene (C12.89)	3.8	0.0000	2.9160	77		(40-140)
Acenaphthylene (C15.06)	3.8	0.0000	3.3457	88		(40-140)
Acenaphthene (C15.5)	3.8	0.0000	3.4147	90		(40-140)
Fluorene (C16.55)	3.8	0.0000	3.6784	97		(40-140)
Phenanthrene (C19.36)	3.8	0.0000	3.9635	104		(40-140)
Anthracene (C19.43)	3.8	0.0000	4.1706	110		(40-140)
Pyrene (C20.8)	3.8	0.0000	4.1754	110		(40-140)
Fluoranthene (C21.85)	3.8	0.0000	4.1224	108		(40-140)
Benzo[a]anthracene (C26.37)	3.8	0.0000	4.3060	113		(40-140)
Chrysene (C27.41)	3.8	0.0000	8.9390	235	*	(40-140)
Bnezo[k]fluoranthene (C30.14)	3.8	0.0000	8.7511	230	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	3.8	0.0000	8.4431	222	*	(40-140)
benzo[b]fluoranthene (C30.41)	3.8	0.0000	8.2366	217	*	(40-140)
Benzo[a]pyrene (C31.34)	3.8	0.0000	4.1037	108		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.8	0.0000	3.8808	102		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.8	0.0000	4.6644	123		(40-140)