

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Portal Partners Tri-Venture</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2832</u>
Sample No :	<u>Q2892-05MSD</u>	Datafile:	<u>FD049661.D</u>
		Client ID :	<u>BACK-1-FLOOR-CENTER-MIDDLE-CMSD</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	7.5	0.24	6.37	82		2.54 (40-140)	50
Aromatic C12-C16	11.3	5.67	10.3	41		8.41 (40-140)	50
Aromatic C16-C21	18.8	1.61	21.9	107		6.33 (40-140)	50
Aromatic C21-C36	30.1	2.45	35.6	110		3.57 (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)	3.8	0.0000	3.1483	83		1.2 (40-140)	50
Naphthalene (C11.7)	3.8	0.0000	2.9903	79		2.5 (40-140)	50
2-Methylnaphthalene (C12.89)	3.8	0.0000	2.8254	74		3.97 (40-140)	50
Acenaphthylene (C15.06)	3.8	0.0000	3.2060	84		4.65 (40-140)	50
Acenaphthene (C15.5)	3.8	0.0000	3.2617	86		4.55 (40-140)	50
Fluorene (C16.55)	3.8	0.0000	3.4870	92		5.29 (40-140)	50
Phenanthrene (C19.36)	3.8	0.0000	3.7185	98		5.94 (40-140)	50
Anthracene (C19.43)	3.8	0.0000	3.9108	103		6.57 (40-140)	50
Pyrene (C20.8)	3.8	0.0000	3.9296	103		6.57 (40-140)	50
Fluoranthene (C21.85)	3.8	0.0000	3.8708	102		5.71 (40-140)	50
Benzo[a]anthracene (C26.37)	3.8	0.0000	4.1223	108		4.52 (40-140)	50
Chrysene (C27.41)	3.8	0.0000	8.5558	225	*	4.35 (40-140)	50
Bnezo[k]fluoranthene (C30.14)	3.8	0.0000	8.4425	222	*	3.54 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	3.8	0.0000	8.2165	216	*	2.74 (40-140)	50
benzo[b]fluoranthene (C30.41)	3.8	0.0000	7.9462	209	*	3.76 (40-140)	50
Benzo[a]pyrene (C31.34)	3.8	0.0000	3.9790	105		2.82 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	3.8	0.0000	3.7817	100		1.98 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	3.8	0.0000	4.5488	120		2.47 (40-140)	50