

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>FC069713.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 (%)
Aliphatic C9-C12	11.3	0.17	6.12	53		(40-140)
Aliphatic C12-C16	7.5	0.32	5.39	68		(40-140)
Aliphatic C16-C21	11.3	0.30	9.04	77		(40-140)
Aliphatic C21-C28	15.0	0	12.1	80		(40-140)
Aliphatic C28-C40	22.6	2.05	20.8	83		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.8	0.0000	1.6901	44		(40-140)
n-Decane (C10)	3.8	0.0000	2.0255	53		(40-140)
Naphthalene (C11.7)	3.8	0.0000	0.0114	0	*	(40-140)
n-Dodecane (C12)	3.8	0.0000	2.2063	58		(40-140)
2-methylnaphthalene (C12.89)	3.8	0.0000	0.0070	0	*	(40-140)
n-Tetradecane (C14)	3.8	0.0000	2.4237	64		(40-140)
n-Hexadecane (C16)	3.8	0.0000	2.6595	70		(40-140)
n-Octadecane (C18)	3.8	0.0000	2.8073	74		(40-140)
n-Eicosane (C20)	3.8	0.0000	3.0097	79		(40-140)
n-Heneicosane (C21)	3.8	0.0000	2.9798	78		(40-140)
n-Docosane (C22)	3.8	0.0000	2.9628	78		(40-140)
n-Tetracosane (C24)	7.5	0.0000	2.9651	40		(40-140)
n-Hexacosane (C26)	3.8	0.0000	2.9503	78		(40-140)
n-Octacosane (C28)	3.8	0.0000	2.9179	77		(40-140)
n-Tricontane (C30)	3.8	0.0000	2.8191	74		(40-140)
n-Dotriacontane (C32)	3.8	0.0000	2.8631	75		(40-140)
n-Tetratriacontane (C34)	3.8	0.0000	3.1101	82		(40-140)
n-Hexatriacontane (C36)	3.8	0.0000	3.4943	92		(40-140)
n-Octatriacontane (C38)	3.8	0.0000	3.8057	100		(40-140)
n-Tetracontane (C40)	3.8	0.0000	3.6131	95		(40-140)