

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>FE055932.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
Aliphatic C9-C12	11.0	0.21	7.35	65		10.1 (40-140)	50
Aliphatic C12-C16	7.4	0.68	7.72	96		6.37 (40-140)	50
Aliphatic C16-C21	11.0	0.60	12.1	104		2.84 (40-140)	50
Aliphatic C21-C28	14.7	0	15.0	101		1 (40-140)	50
Aliphatic C28-C40	22.1	8.81	29.1	92		2.87 (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
n-Nonane (C9)	3.7	0.0052	1.8215	49		11.5 (40-140)	50
n-Decane (C10)	3.7	0.0080	2.4549	66		10.07 (40-140)	50
Naphthalene (C11.7)	3.7	0.0058	0.1448	4	*	0 (40-140)	50
n-Dodecane (C12)	3.7	0.0253	2.6563	71		9.39 (40-140)	50
2-methylnaphthalene (C12.89)	3.7	0.0112	0.0956	2	*	0 (40-140)	50
n-Tetradecane (C14)	3.7	0.0555	3.1746	84		8 (40-140)	50
n-Hexadecane (C16)	3.7	0.0272	3.5592	95		6.12 (40-140)	50
n-Octadecane (C18)	3.7	0.0445	3.6896	99		2.98 (40-140)	50
n-Eicosane (C20)	3.7	0.0458	4.0409	108		1.83 (40-140)	50
n-Heneicosane (C21)	3.7	0.0500	3.9704	106		0 (40-140)	50
n-Docosane (C22)	3.7	0.0373	3.9195	105		0 (40-140)	50
n-Tetracosane (C24)	7.4	0.0423	3.7555	50		0 (40-140)	50
n-Hexacosane (C26)	3.7	0.0471	3.5273	94		2.15 (40-140)	50
n-Octacosane (C28)	3.7	0.0615	3.3583	89		1.13 (40-140)	50
n-Tricontane (C30)	3.7	0.0922	3.2673	86		1.17 (40-140)	50
n-Dotriacontane (C32)	3.7	0.1017	3.3098	87		1.16 (40-140)	50
n-Tetratriacontane (C34)	3.7	0.1723	3.6154	93		4.17 (40-140)	50
n-Hexatriacontane (C36)	3.7	1.2153	4.1888	80		1.24 (40-140)	50
n-Octatriacontane (C38)	3.7	0.7425	5.3096	123		14.84 (40-140)	50
n-Tetracontane (C40)	3.7	0.0873	3.7192	98		2.06 (40-140)	50