

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Weston Solutions, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3178</u>
Sample No :	<u>Q3178-03</u>	Datafile:	<u>FG016661.D</u>
		Client ID :	<u>EME-TS</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	14.0	0.32	14.7	102		0.98 (40-140)	50
Aliphatic C12-C16	9.3	1.39	12.3	116		2.55 (40-140)	50
Aliphatic C16-C21	14.0	4.12	13.6	68		3.2 (40-140)	50
Aliphatic C21-C28	18.7	0	16.7	90		1.88 (40-140)	50
Aliphatic C28-C40	28.0	26.6	43.5	60		2.29 (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)	4.7	0.0000	3.7172	79		0 (40-140)	50
n-Decane (C10)	4.7	0.0000	5.3234	113		0 (40-140)	50
Naphthalene (C11.7)	4.7	0.0000	0.7963	17	*	0 (40-140)	50
n-Dodecane (C12)	4.7	0.0000	4.3603	93		0 (40-140)	50
2-methylnaphthalene (C12.89)	4.7	0.0000	0.6877	15	*	0 (40-140)	50
n-Tetradecane (C14)	4.7	0.0000	4.6205	98		0 (40-140)	50
n-Hexadecane (C16)	4.7	0.0000	4.5727	97		0 (40-140)	50
n-Octadecane (C18)	4.7	0.0000	4.3499	93		0 (40-140)	50
n-Eicosane (C20)	4.7	0.0000	4.4786	95		0 (40-140)	50
n-Heneicosane (C21)	4.7	0.0000	4.3419	92		0 (40-140)	50
n-Docosane (C22)	4.7	0.0000	4.2639	91		0 (40-140)	50
n-Tetracosane (C24)	9.3	0.0000	4.1504	45		0 (40-140)	50
n-Hexacosane (C26)	4.7	0.0000	4.0236	86		0 (40-140)	50
n-Octacosane (C28)	4.7	0.0000	3.9738	85		0 (40-140)	50
n-Tricontane (C30)	4.7	0.0000	3.9042	83		0 (40-140)	50
n-Dotriacontane (C32)	4.7	0.0000	4.0568	86		0 (40-140)	50
n-Tetratriacontane (C34)	4.7	0.0000	4.7773	102		0 (40-140)	50
n-Hexatriacontane (C36)	4.7	0.0000	6.1461	131		0 (40-140)	50
n-Octatriacontane (C38)	4.7	0.0000	6.8922	147	*	0 (40-140)	50
n-Tetracontane (C40)	4.7	0.0000	6.0922	130		0 (40-140)	50