

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>Q3178-02</u>	Datafile:	<u>FG016660.D</u>
		Client ID :	<u>EME-TS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	14.0	0.32	14.8	103		(40-140)
Aliphatic C12-C16	9.3	1.39	12.5	119		(40-140)
Aliphatic C16-C21	14.0	4.12	13.9	70		(40-140)
Aliphatic C21-C28	18.6	0	17.0	91		(40-140)
Aliphatic C28-C40	28.0	26.6	43.9	62		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.7	0.0000	3.7230	79		(40-140)
n-Decane (C10)	4.7	0.0000	5.3445	114		(40-140)
Naphthalene (C11.7)	4.7	0.0000	0.8035	17	*	(40-140)
n-Dodecane (C12)	4.7	0.0000	4.4074	94		(40-140)
2-methylnaphthalene (C12.89)	4.7	0.0000	0.6973	15	*	(40-140)
n-Tetradecane (C14)	4.7	0.0000	4.6899	100		(40-140)
n-Hexadecane (C16)	4.7	0.0000	4.6578	99		(40-140)
n-Octadecane (C18)	4.7	0.0000	4.4241	94		(40-140)
n-Eicosane (C20)	4.7	0.0000	4.5600	97		(40-140)
n-Heneicosane (C21)	4.7	0.0000	4.4118	94		(40-140)
n-Docosane (C22)	4.7	0.0000	4.3369	92		(40-140)
n-Tetracosane (C24)	9.3	0.0000	4.2085	45		(40-140)
n-Hexacosane (C26)	4.7	0.0000	4.0668	87		(40-140)
n-Octacosane (C28)	4.7	0.0000	4.0190	86		(40-140)
n-Tricontane (C30)	4.7	0.0000	3.9464	84		(40-140)
n-Dotriacontane (C32)	4.7	0.0000	4.0238	86		(40-140)
n-Tetratriacontane (C34)	4.7	0.0000	4.8421	103		(40-140)
n-Hexatriacontane (C36)	4.7	0.0000	6.9158	147	*	(40-140)
n-Octatriacontane (C38)	4.7	0.0000	6.8808	146	*	(40-140)
n-Tetracontane (C40)	4.7	0.0000	5.9559	127		(40-140)