

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>Alliance Technical Group, LLC - Newark</u>	
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q1872</u>	SAS No : <u>Q1872</u> SDG No: <u>Q1872</u>
Sample No :	<u>Q1901-04MS</u>	Datafile:	<u>FC068804.D</u>	Client ID : <u>B-167-SB02MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	18.7	0	9.53	51		(40-140)
Aliphatic C12-C16	12.5	2.11	9.38	58		(40-140)
Aliphatic C16-C21	18.7	0	14.8	79		(40-140)
Aliphatic C21-C28	25.0	0	19.3	77		(40-140)
Aliphatic C28-C40	37.5	0	26.3	70		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	6.2	0.0000	2.4842	40		(40-140)
n-Decane (C10)	6.2	0.0000	3.2601	53		(40-140)
Naphthalene (C11.7)	6.2	0.0000	0.0604	1	*	(40-140)
n-Dodecane (C12)	6.2	0.0535	3.7377	59		(40-140)
2-methylnaphthalene (C12.89)	6.2	0.0000	0.0000	0	*	(40-140)
n-Tetradecane (C14)	6.2	0.0760	4.3283	69		(40-140)
n-Hexadecane (C16)	6.2	0.0000	4.6624	75		(40-140)
n-Octadecane (C18)	6.2	0.0000	4.8237	78		(40-140)
n-Eicosane (C20)	6.2	0.0000	5.0700	82		(40-140)
n-Heneicosane (C21)	6.2	0.0000	4.8893	79		(40-140)
n-Docosane (C22)	6.2	0.0000	4.9091	79		(40-140)
n-Tetracosane (C24)	12.5	0.0000	4.8621	39	*	(40-140)
n-Hexacosane (C26)	6.2	0.0000	4.7970	77		(40-140)
n-Octacosane (C28)	6.2	0.0000	4.7452	77		(40-140)
n-Tricontane (C30)	6.2	0.0000	4.6830	76		(40-140)
n-Dotriacontane (C32)	6.2	0.0000	4.5455	73		(40-140)
n-Tetratriacontane (C34)	6.2	0.0000	4.5026	73		(40-140)
n-Hexatriacontane (C36)	6.2	0.0000	4.2303	68		(40-140)
n-Octatriacontane (C38)	6.2	0.0000	4.1626	67		(40-140)
n-Tetracontane (C40)	6.2	0.0000	4.0594	65		(40-140)