

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Chemtech</u>	Client:	<u>PSEG</u>
Lab Code:	<u>CHEM</u>	Cas No:	<u>Q2113</u>
Sample No :	<u>Q2113-01MS</u>	Datafile:	<u>FE054007.D</u>
		SAS No :	<u>Q2113</u>
		SDG No:	<u>Q2113</u>
		Client ID :	<u>HD-02-05222025MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	33.6	98.9	120	63		(40-140)
Aliphatic C9-C28	112.1	14.2	66.5	47		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	0.0000	18.12	6	*	(40-140)
n-Decane (C10)	300	0.0000	20.03	7	*	(40-140)
Naphthalene (C11.7)	300	0.0000	22.48	7	*	(40-140)
n-Dodecane (C12)	300	0.0000	23.01	8	*	(40-140)
2-methylnaphthalene (C12.89)	200	0.0000	23.41	12	*	(40-140)
n-Tetradecane (C14)	200	0.0000	28.05	14	*	(40-140)
n-Hexadecane (C16)	200	0.0000	29.60	15	*	(40-140)
n-Octadecane (C18)	300	0.0000	29.54	10	*	(40-140)
n-Eicosane (C20)	300	0.0000	30.44	10	*	(40-140)
n-Heneicosane (C21)	300	0.0000	29.78	10	*	(40-140)
n-Docosane (C22)	400	0.0000	29.58	7	*	(40-140)
n-Tetracosane (C24)	400	0.0000	58.49	15	*	(40-140)
n-Hexacosane (C26)	400	0.0000	29.00	7	*	(40-140)
n-Octacosane (C28)	400	0.0000	28.94	7	*	(40-140)
n-Tricontane (C30)	600	0.0000	30.28	5	*	(40-140)
n-Dotriacontane (C32)	600	0.0000	28.69	5	*	(40-140)
n-Tetratriacontane (C34)	600	0.0000	30.75	5	*	(40-140)
n-Hexatriacontane (C36)	600	0.0000	33.79	6	*	(40-140)
n-Octatriacontane (C38)	600	0.0000	41.01	7	*	(40-140)
n-Tetracontane (C40)	600	0.0000	39.15	7	*	(40-140)