

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>Q2113-01MSD</u>	Datafile:	<u>FE054008.D</u>
		SAS No :	<u>Q2113</u>
		SDG No:	<u>Q2113</u>
		Client ID :	<u>HD-02-05222025MSD</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 C28-C40	33.6	98.9	119	60		4.73 (40-140) 50
Aliphatic C9-C28	112.1	14.2	66.2	46		0.4 (40-140) 50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
n-Nonane (C9)	300	0.0000	17.98	6	*	0 (40-140) 50
n-Decane (C10)	300	0.0000	20.14	7	*	0 (40-140) 50
Naphthalene (C11.7)	300	0.0000	22.29	7	*	0 (40-140) 50
n-Dodecane (C12)	300	0.0000	22.80	8	*	0 (40-140) 50
2-methylnaphthalene (C12.89)	200	0.0000	23.20	12	*	0 (40-140) 50
n-Tetradecane (C14)	200	0.0000	27.79	14	*	0 (40-140) 50
n-Hexadecane (C16)	200	0.0000	29.38	15	*	0 (40-140) 50
n-Octadecane (C18)	300	0.0000	29.35	10	*	0 (40-140) 50
n-Eicosane (C20)	300	0.0000	30.18	10	*	0 (40-140) 50
n-Heneicosane (C21)	300	0.0000	29.44	10	*	0 (40-140) 50
n-Docosane (C22)	400	0.0000	29.20	7	*	0 (40-140) 50
n-Tetracosane (C24)	400	0.0000	57.62	14	*	0 (40-140) 50
n-Hexacosane (C26)	400	0.0000	28.72	7	*	0 (40-140) 50
n-Octacosane (C28)	400	0.0000	29.63	7	*	0 (40-140) 50
n-Tricontane (C30)	600	0.0000	30.07	5	*	0 (40-140) 50
n-Dotriacontane (C32)	600	0.0000	29.00	5	*	0 (40-140) 50
n-Tetratriacontane (C34)	600	0.0000	31.05	5	*	0 (40-140) 50
n-Hexatriacontane (C36)	600	0.0000	32.71	5	*	0 (40-140) 50
n-Octatriacontane (C38)	600	0.0000	39.67	7	*	0 (40-140) 50
n-Tetracontane (C40)	600	0.0000	37.47	6	*	0 (40-140) 50