

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** PSEG
Lab Code: ACE **SDG No:** Q3366
Sample No : PB170145BSD **Datafile:** FE056364.D **Client ID :** PB170145BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	18.7	62		0.964 (40-140) 25
Aliphatic C9-C28	99.9	40.6	44		1.3 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
n-Nonane (C9)	3.3	2.61434	79		1.26 (40-140) 25
n-Decane (C10)	3.3	2.81878	85		1.17 (40-140) 25
Naphthalene (C11.7)	3.3	3.07067	93		1.07 (40-140) 25
n-Dodecane (C12)	3.3	2.94385	89		1.12 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	3.05097	92		1.08 (40-140) 25
n-Tetradecane (C14)	3.3	3.06363	93		1.07 (40-140) 25
n-Hexadecane (C16)	3.3	2.95134	89		1.12 (40-140) 25
n-Octadecane (C18)	3.3	2.83483	86		1.16 (40-140) 25
n-Eicosane (C20)	3.3	2.99700	91		2.17 (40-140) 25
n-Heneicosane (C21)	3.3	2.91048	88		2.25 (40-140) 25
n-Docosane (C22)	3.3	2.84520	86		2.3 (40-140) 25
n-Tetracosane (C24)	6.7	2.79634	42		0 (40-140) 25
n-Hexacosane (C26)	3.3	2.75442	83		3.55 (40-140) 25
n-Octacosane (C28)	3.3	2.85951	87		2.27 (40-140) 25
n-Tricontane (C30)	3.3	2.63729	80		2.47 (40-140) 25
n-Dotriacontane (C32)	3.3	2.63044	80		1.24 (40-140) 25
n-Tetratriacontane (C34)	3.3	2.92093	89		0 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.41751	104		0 (40-140) 25
n-Octatriacontane (C38)	3.3	3.89872	118		0 (40-140) 25
n-Tetracontane (C40)	3.3	4.02617	122		0.82 (40-140) 25