

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental
Lab Code: ACE **SDG No:** Q2705
Sample No : PB169021BSD **Datafile:** FC069549.D **Client ID :** PB169021BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aliphatic C28-C40	30.0	28.1	94		0.395 (40-140) 25
Aliphatic C9-C28	99.9	63.4	64		1.8 (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	2.15552	65		4.51 (40-140) 25
n-Decane (C10)	3.3	2.27866	69		4.26 (40-140) 25
Naphthalene (C11.7)	3.3	2.43995	74		2.67 (40-140) 25
n-Dodecane (C12)	3.3	2.33941	71		2.78 (40-140) 25
2-methylnaphthalene (C12.89)	3.3	2.32983	71		1.4 (40-140) 25
n-Tetradecane (C14)	3.3	2.30509	70		2.82 (40-140) 25
n-Hexadecane (C16)	3.3	2.24806	68		2.9 (40-140) 25
n-Octadecane (C18)	3.3	2.20619	67		1.48 (40-140) 25
n-Eicosane (C20)	3.3	2.35874	71		1.4 (40-140) 25
n-Heneicosane (C21)	3.3	2.30398	70		1.42 (40-140) 25
n-Docosane (C22)	3.3	2.29907	70		0 (40-140) 25
n-Tetracosane (C24)	6.7	4.64461	69		1.44 (40-140) 25
n-Hexacosane (C26)	3.3	2.32273	70		1.42 (40-140) 25
n-Octacosane (C28)	3.3	2.34579	71		0 (40-140) 25
n-Tricontane (C30)	3.3	2.39375	73		0 (40-140) 25
n-Dotriacontane (C32)	3.3	2.54370	77		0 (40-140) 25
n-Tetratriacontane (C34)	3.3	3.00029	91		0 (40-140) 25
n-Hexatriacontane (C36)	3.3	3.42041	104		0 (40-140) 25
n-Octatriacontane (C38)	3.3	3.89877	118		0.84 (40-140) 25
n-Tetracontane (C40)	3.3	4.00216	121		1.64 (40-140) 25