

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance
Lab Code: ACE
Sample No : PB169422BSD

Client: Hero Construction
SDG No: Q2928
Client ID : PB169422BSD

Datafile: FE055537.D

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	31.7	105		5.9 (40-140)	25
Aliphatic C9-C28	99.9	92.6	92		0.543 (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	2.93911	89		2.22 (40-140)	25
n-Decane (C10)	3.3	3.07788	93		2.13 (40-140)	25
Naphthalene (C11.7)	3.3	3.23708	98		2.02 (40-140)	25
n-Dodecane (C12)	3.3	3.17568	96		2.06 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	3.06496	93		1.07 (40-140)	25
n-Tetradecane (C14)	3.3	3.17727	96		2.06 (40-140)	25
n-Hexadecane (C16)	3.3	3.16108	96		2.06 (40-140)	25
n-Octadecane (C18)	3.3	3.13513	95		1.05 (40-140)	25
n-Eicosane (C20)	3.3	3.35411	102		0 (40-140)	25
n-Heneicosane (C21)	3.3	3.29787	100		0 (40-140)	25
n-Docosane (C22)	3.3	3.29128	100		0 (40-140)	25
n-Tetracosane (C24)	6.7	6.95338	104		0.97 (40-140)	25
n-Hexacosane (C26)	3.3	3.31002	100		0 (40-140)	25
n-Octacosane (C28)	3.3	3.33968	101		0 (40-140)	25
n-Tricontane (C30)	3.3	3.24383	98		0 (40-140)	25
n-Dotriacontane (C32)	3.3	3.22467	98		0 (40-140)	25
n-Tetratriacontane (C34)	3.3	3.46665	105		1.92 (40-140)	25
n-Hexatriacontane (C36)	3.3	3.38271	103		6 (40-140)	25
n-Octatriacontane (C38)	3.3	3.23510	98		16.57 (40-140)	25
n-Tetracontane (C40)	3.3	3.01500	91		24.69 (40-140)	25