

SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Earth Engineering Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3001</u>
Sample No :	<u>PB169516BSD</u>	Datafile:	<u>FE055641.D</u>
		Client ID :	<u>PB169516BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	26.8	89		1.8 (40-140)	25
Aliphatic C9-C28	100.1	76.8	77		0.604 (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	2.35441	71		1.4 (40-140)	25
n-Decane (C10)	3.3	2.50751	76		1.31 (40-140)	25
Naphthalene (C11.7)	3.3	2.73031	83		0 (40-140)	25
n-Dodecane (C12)	3.3	2.62217	79		1.26 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.64616	80		1.24 (40-140)	25
n-Tetradecane (C14)	3.3	2.66047	81		0 (40-140)	25
n-Hexadecane (C16)	3.3	2.64722	80		1.24 (40-140)	25
n-Octadecane (C18)	3.3	2.59561	79		0 (40-140)	25
n-Eicosane (C20)	3.3	2.76731	84		1.18 (40-140)	25
n-Heneicosane (C21)	3.3	2.71692	82		1.21 (40-140)	25
n-Docosane (C22)	3.3	2.70250	82		1.21 (40-140)	25
n-Tetracosane (C24)	6.7	5.63793	84		1.18 (40-140)	25
n-Hexacosane (C26)	3.3	2.66558	81		1.23 (40-140)	25
n-Octacosane (C28)	3.3	2.67729	81		1.23 (40-140)	25
n-Tricontane (C30)	3.3	2.61798	79		1.26 (40-140)	25
n-Dotriacontane (C32)	3.3	2.66173	81		1.23 (40-140)	25
n-Tetratriacontane (C34)	3.3	2.94359	89		0 (40-140)	25
n-Hexatriacontane (C36)	3.3	3.15808	96		1.04 (40-140)	25
n-Octatriacontane (C38)	3.3	3.34521	101		1.96 (40-140)	25
n-Tetracontane (C40)	3.3	3.32325	101		0 (40-140)	25