

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>T&A Construction Inc</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2600</u>
Sample No :	<u>PB168877BSD</u>	Datafile:	<u>FC069472.D</u>
		Client ID :	<u>PB168877BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	6.46	65		1.8 (40-140)	25
Aliphatic C12-C16	6.7	5.69	85		1 (40-140)	25
Aliphatic C16-C21	10	9.60	96		0.66 (40-140)	25
Aliphatic C21-C28	13.3	13.3	100		1.2 (40-140)	25
Aliphatic C28-C40	20.0	21.9	109		3.1 (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	1.67169	51		0 (40-140)	25
n-Decane (C10)	3.3	2.17758	66		1.5 (40-140)	25
Naphthalene (C11.7)	3.3	0.00000	0	*	0 (40-140)	25
n-Dodecane (C12)	3.3	2.59640	79		1.26 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0 (40-140)	25
n-Tetradecane (C14)	3.3	2.83329	86		1.16 (40-140)	25
n-Hexadecane (C16)	3.3	2.85865	87		0 (40-140)	25
n-Octadecane (C18)	3.3	2.94838	89		1.12 (40-140)	25
n-Eicosane (C20)	3.3	3.35987	102		0.98 (40-140)	25
n-Heneicosane (C21)	3.3	3.31308	100		1 (40-140)	25
n-Docosane (C22)	3.3	3.33825	101		0.99 (40-140)	25
n-Tetracosane (C24)	6.7	3.33344	50		0 (40-140)	25
n-Hexacosane (C26)	3.3	3.32248	101		0.99 (40-140)	25
n-Octacosane (C28)	3.3	3.31995	101		1.96 (40-140)	25
n-Tricontane (C30)	3.3	3.27472	99		3.96 (40-140)	25
n-Dotriacontane (C32)	3.3	3.32604	101		3.88 (40-140)	25
n-Tetratriacontane (C34)	3.3	3.54131	107		3.67 (40-140)	25
n-Hexatriacontane (C36)	3.3	3.82776	116		3.39 (40-140)	25
n-Octatriacontane (C38)	3.3	4.06605	123		3.2 (40-140)	25
n-Tetracontane (C40)	3.3	4.11980	125		2.37 (40-140)	25