

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Portal Partners Tri-Venture</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q2832</u>
Sample No :	<u>Q2892-05MSD</u>	Datafile:	<u>FC069714.D</u>
		Client ID :	<u>BACK-1-FLOOR-CENTER-MIDDLE-CMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	11.3	0.17	6.20	54		1.51 (40-140)	50
Aliphatic C12-C16	7.5	0.32	5.49	69		1.91 (40-140)	50
Aliphatic C16-C21	11.3	0.30	9.10	78		0.77 (40-140)	50
Aliphatic C21-C28	15.0	0	12.1	80		0.12 (40-140)	50
Aliphatic C28-C40	22.6	2.05	21.3	85		2.61 (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.8	0.0000	1.7124	45		2.25 (40-140)	50
n-Decane (C10)	3.8	0.0000	2.0529	54		1.87 (40-140)	50
Naphthalene (C11.7)	3.8	0.0000	0.0131	0	*	0 (40-140)	50
n-Dodecane (C12)	3.8	0.0000	2.2507	59		1.71 (40-140)	50
2-methylnaphthalene (C12.89)	3.8	0.0000	0.0100	0	*	0 (40-140)	50
n-Tetradecane (C14)	3.8	0.0000	2.4576	65		1.55 (40-140)	50
n-Hexadecane (C16)	3.8	0.0000	2.6948	71		1.42 (40-140)	50
n-Octadecane (C18)	3.8	0.0000	2.8440	75		1.34 (40-140)	50
n-Eicosane (C20)	3.8	0.0000	3.0407	80		1.26 (40-140)	50
n-Heneicosane (C21)	3.8	0.0000	2.9982	79		1.27 (40-140)	50
n-Docosane (C22)	3.8	0.0000	2.9820	78		0 (40-140)	50
n-Tetracosane (C24)	7.5	0.0000	2.9784	40		0 (40-140)	50
n-Hexacosane (C26)	3.8	0.0000	2.9552	78		0 (40-140)	50
n-Octacosane (C28)	3.8	0.0000	2.9297	77		0 (40-140)	50
n-Tricontane (C30)	3.8	0.0000	2.8337	75		1.34 (40-140)	50
n-Dotriacontane (C32)	3.8	0.0000	2.8867	76		1.32 (40-140)	50
n-Tetratriacontane (C34)	3.8	0.0000	3.1279	82		0 (40-140)	50
n-Hexatriacontane (C36)	3.8	0.0000	3.5491	93		1.08 (40-140)	50
n-Octatriacontane (C38)	3.8	0.0000	3.8775	102		1.98 (40-140)	50
n-Tetracontane (C40)	3.8	0.0000	3.7466	99		4.12 (40-140)	50