

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>HDR, Inc.</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3466</u>
Sample No :	<u>Q3469-01MSD</u>	Datafile:	<u>FC070066.D</u>
		Client ID :	<u>TP-13MSD</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 C28-C40	32.9	4.96	28.1	70		2.59 (40-140) 50
Aliphatic C9-C28	109.6	3.38	62.6	54		2.2 (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)	3.7	0.0031	1.7365	47		4.35 (40-140) 50
n-Decane (C10)	3.7	0.0092	4.0690	110		3.7 (40-140) 50
Naphthalene (C11.7)	3.7	0.0145	2.1994	59		3.45 (40-140) 50
n-Dodecane (C12)	3.7	0.0033	2.0541	55		3.7 (40-140) 50
2-methylnaphthalene (C12.89)	3.7	0.0063	2.1360	58		3.51 (40-140) 50
n-Tetradecane (C14)	3.7	0.0107	2.2108	59		3.45 (40-140) 50
n-Hexadecane (C16)	3.7	0.0057	2.2250	60		3.39 (40-140) 50
n-Octadecane (C18)	3.7	0.0055	2.2091	60		3.39 (40-140) 50
n-Eicosane (C20)	3.7	0.0064	2.3083	62		1.63 (40-140) 50
n-Heneicosane (C21)	3.7	0.0100	2.3318	63		3.23 (40-140) 50
n-Docosane (C22)	3.7	0.0113	2.3080	62		1.63 (40-140) 50
n-Tetracosane (C24)	7.3	0.0422	4.5284	61		39.47 (40-140) 50
n-Hexacosane (C26)	3.7	0.0165	2.2292	60		1.68 (40-140) 50
n-Octacosane (C28)	3.7	0.0471	2.2840	60		1.68 (40-140) 50
n-Tricontane (C30)	3.7	0.0712	2.1840	57		1.77 (40-140) 50
n-Dotriacontane (C32)	3.7	0.1018	2.2614	58		1.74 (40-140) 50
n-Tetratriacontane (C34)	3.7	0.1178	2.5171	65		3.13 (40-140) 50
n-Hexatriacontane (C36)	3.7	0.2506	2.9192	72		1.4 (40-140) 50
n-Octatriacontane (C38)	3.7	0.2830	3.1679	78		1.29 (40-140) 50
n-Tetracontane (C40)	3.7	0.2191	3.2195	81		2.5 (40-140) 50