

SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3719</u>
Sample No :	<u>Q3714-01MSD</u>	Datafile:	<u>FE057052.D</u>
		Client ID :	<u>OR-03-11-24-2025MSD</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	30.4	44.6	81.9	122		6.35 (40-140) 50
Aliphatic C9-C28	101.3	16.9	63.5	46		0.2 (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)	3.4	0.0071	1.3313	39	*	0 (40-140) 50
n-Decane (C10)	3.4	0.0123	3.1736	93		0 (40-140) 50
Naphthalene (C11.7)	3.4	0.0183	1.7633	51		0 (40-140) 50
n-Dodecane (C12)	3.4	0.0059	1.6378	48		0 (40-140) 50
2-methylnaphthalene (C12.89)	3.4	0.0163	1.7040	50		2.02 (40-140) 50
n-Tetradecane (C14)	3.4	0.0481	1.8171	52		0 (40-140) 50
n-Hexadecane (C16)	3.4	0.0461	1.8193	52		0 (40-140) 50
n-Octadecane (C18)	3.4	0.0340	1.7273	50		0 (40-140) 50
n-Eicosane (C20)	3.4	0.1836	2.1794	59		1.71 (40-140) 50
n-Heneicosane (C21)	3.4	0.0603	1.8739	53		0 (40-140) 50
n-Docosane (C22)	3.4	0.0885	1.7411	49		11.54 (40-140) 50
n-Tetracosane (C24)	6.8	0.5474	5.7890	77		0 (40-140) 50
n-Hexacosane (C26)	3.4	0.0656	1.6247	46		0 (40-140) 50
n-Octacosane (C28)	3.4	0.3342	1.9308	47		4.17 (40-140) 50
n-Tricontane (C30)	3.4	0.4032	1.9171	45		6.45 (40-140) 50
n-Dotriacontane (C32)	3.4	0.8082	2.5713	52		1.94 (40-140) 50
n-Tetratriacontane (C34)	3.4	1.9863	3.2323	37	*	2.67 (40-140) 50
n-Hexatriacontane (C36)	3.4	3.1455	5.1217	58		14.81 (40-140) 50
n-Octatriacontane (C38)	3.4	2.4286	5.5939	93		32.5 (40-140) 50
n-Tetracontane (C40)	3.4	0.2492	2.9032	78		21.71 (40-140) 50