

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>Q3714-01MS</u>	Datafile:	<u>FE057051.D</u>
		Client ID :	<u>OR-03-11-24-2025MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.4	44.6	84.2	130		(40-140)
Aliphatic C9-C28	101.3	16.9	63.6	46		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.4	0.0117	1.3282	39	*	(40-140)
n-Decane (C10)	3.4	0.0106	3.1640	93		(40-140)
Naphthalene (C11.7)	3.4	0.0569	1.7525	50		(40-140)
n-Dodecane (C12)	3.4	0.0054	1.6341	48		(40-140)
2-methylnaphthalene (C12.89)	3.4	0.0289	1.6945	49		(40-140)
n-Tetradecane (C14)	3.4	0.0684	1.8099	51		(40-140)
n-Hexadecane (C16)	3.4	0.0736	1.8075	51		(40-140)
n-Octadecane (C18)	3.4	0.0763	1.7231	48		(40-140)
n-Eicosane (C20)	3.4	0.4396	2.1655	51		(40-140)
n-Heneicosane (C21)	3.4	0.1349	1.8596	51		(40-140)
n-Docosane (C22)	3.4	0.2650	1.9427	49		(40-140)
n-Tetracosane (C24)	6.8	1.0810	5.7842	69		(40-140)
n-Hexacosane (C26)	3.4	0.0985	1.6148	45		(40-140)
n-Octacosane (C28)	3.4	0.3979	1.9952	47		(40-140)
n-Tricontane (C30)	3.4	0.5580	2.0384	44		(40-140)
n-Dotriacontane (C32)	3.4	0.7646	2.5310	52		(40-140)
n-Tetratriacontane (C34)	3.4	1.1651	3.2748	62		(40-140)
n-Hexatriacontane (C36)	3.4	1.6848	4.8518	93		(40-140)
n-Octatriacontane (C38)	3.4	1.7941	4.6991	85		(40-140)
n-Tetracontane (C40)	3.4	0.6561	3.5603	85		(40-140)