

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: PNNL

Contract: C104

Lab Code: PNNL

Case No.:

SAS No.:

SDG No.: 2

Matrix Spike - EPA Sample No.: C104SUP

COMPOUND	SPIKE ADDED (ng)	MSD AMOUNT (ng)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Butane	0.0	0.0	999*		0	0- 0
1,1-Dichloroethene	500	0.0	0*		14	61-145
Acetone	0.0	1600	999*	173*	0	0- 0
Pentane	0.0	0.0	999*		0	0- 0
Acrylonitrile	0.0	130	999*	170*	0	0- 0
2-Butenal	0.0	1600	999*		0	0- 0
Hexane	0.0	230	999*	200*	0	0- 0
Cyclohexene	0.0	0.0	999*		0	0- 0
Ethyl acetate	0.0	0.0	999*		0	0- 0
Cyclopentane	0.0	0.0	999*		0	0- 0
Dichlorofluoromethane	0.0	0.0	999*		0	0- 0
Chlorodifluoromethane	0.0	0.0	999*		0	0- 0
Benzene	500	48	10*	162*	11	76-127
Trichloroethene	500	0.0	0*		14	71-120
Toluene	500	38	8*	152*	13	76-125
2-Hexanone	0.0	140	999*	164*	0	0- 0
Chlorobenzene	500	42	8*	144*	13	75-130
Heptane	0.0	0.0	999*		0	0- 0
Octane	0.0	0.0	999*		0	0- 0
Nonane	0.0	0.0	999*		0	0- 0
2-Pentanone	0.0	150	999*	164*	0	0- 0
Methylcyclohexane	0.0	22	999*	182*	0	0- 0
4-Heptanone	0.0	120	999*	168*	0	0- 0
Butylacetate	0.0	110	999*		0	0- 0
Propyl nitrate	0.0	0.0	999*		0	0- 0
1,2,2-Cl3-1,1,2-F3ethan	0.0	0.0	999*		0	0- 0
1,2-Cl2-1,1,2,2-F4ethan	0.0	0.0	999*		0	0- 0
Acetonitrile	0.0	0.0	999*		0	0- 0

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: