NYC 9/11 Public Portal Document

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CHEMTECH Contract: ROY F. WESTON, INC.

Project No. P1067 Site: RFP 2210 Location: Group: 5971-VOA

Matrix Spike - Sample No.: SAMPLE1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Benzene	50	3	49	92	(76-127)
Toluene	50	25	68	86	(76-125)
Tetrachloroethene	50	4	45	83	(60-140)
Ethyl Benzene	50	8	49	83	(60-140)
m/p-Xylenes	100	19	83	64	(60-140)

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MS % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	50	50	95	2	11	(76-127)
Toluene	50	68	91	5	13	(76-125)
Tetrachloroethene	50	44	82	1	20	(60-140)
Ethyl Benzene	50	51	89	7	20	(60-140)
m/p-Xylenes	100	81	68	6	20	(60-140)

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

* Values outside of QC limits

Comments: PRELIMINARY DATA

CITY_21MC100_003037402

NYC-WTC_000196023