

Experiment in which CCVs were performed	Compound	Internal standard used	Internal standard area (AIs)	Internal standard mass (m _{int} , ng)	RRF _{calibration}	Analyte area (A _i)	Theoretical analyte mass (m _{th} , ng)	RRF _{CCV}	% D _{RR}	Experimental mass (m _{exp} , CCV ng)	% B	Average experimental mass (ng)	% p	% D _{RR} < 30%	% D _{RR} > 30%	% B < 30%	% B > 30%	% P < 20%	% P > 20%
LOD and LOQ - 12/04/2019 CCV #1	chloroform	TRIS	2120414	25.47	2.033	18350422.29	129.0	1.708	16.0	108.4	-16.0			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2120414	25.47	6.841	36871110.57	82.61	5.360	21.6	64.73	-21.6			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2120414	25.47	2.440	30247970.00	141.7	2.563	5.06	148.9	5.1			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2120414	25.47	1.419	2395069.86	107.7	2.672	21.8	84.14	-21.8			TRUE	TRUE	TRUE	TRUE		
LOD and LOQ - 12/04/2019 CCV #2	chloroform	TRIS	1712809	25.47	2.033	13786476.29	129.0	1.589	21.8	100.8	-21.8	104.6	7.25	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	1712809	25.47	6.841	28253764.57	82.61	5.085	25.7	61.41	-25.7	63.07	5.37	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	1712809	25.47	2.440	2535136	141.7	2.660	9.01	154.5	9.01	151.7	3.69	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	1712809	25.47	1.419	20841421.86	107.7	2.878	15.8	90.64	-15.8	87.39	1.44	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
LOD and LOQ - 12/09/2019 CCV #1	chloroform	TRIS	2019105	25.47	2.033	17500618.29	129.0	1.711	15.8	108.6	-15.8			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2019105	25.47	6.841	36427932.57	82.61	5.562	18.7	67.16	-18.7			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2019105	25.47	2.440	31051532	141.7	2.763	13.3	160.5	13.3			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2019105	25.47	1.419	19959315.86	107.7	2.438	31.6	73.63	-31.6			FALSE	TRUE	TRUE	FALSE		
LOD and LOQ - 12/09/2019 CCV #2	chloroform	TRIS	1636482	25.47	2.033	13153263.29	129.0	1.586	22.0	100.7	-22.0	104.7	7.54	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	1636482	25.47	6.841	28660393.57	82.61	5.399	21.1	65.20	-21.1	66.18	2.97	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	1636482	25.47	2.440	24030312	141.7	2.639	8.15	153.3	8.15	156.9	4.62	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	1636482	25.47	1.419	18985369.86	107.7	2.744	19.7	86.42	-19.7	80.02	16.0	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 1.00 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	2702835	25.47	1.584	22030332	129.0	1.607	1.44	130.9	1.44			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2702835	25.47	4.958	45962383.57	82.61	5.245	5.79	87.40	5.79			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2702835	25.47	2.483	37451772	141.7	2.490	0.30	142.2	0.30			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2702835	25.47	2.257	26552058	107.7	2.415	7.03	115.2	7.03			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 1.00 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	2209284	25.47	1.584	16657399	129.0	1.488	6.05	121.2	-6.05	126.1	7.67	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2209284	25.47	4.958	36705539.57	82.61	5.122	3.31	85.34	3.31	86.37	2.38	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2209284	25.47	2.483	32603848	141.7	2.652	6.82	151.4	6.82	146.8	6.29	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2209284	25.47	2.257	19804924	107.7	2.204	2.34	105.1	-2.34	102.2	9.15	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 1.00 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	3007429	25.47	1.584	25186420	129.0	1.653	4.35	134.6	4.35			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3007429	25.47	4.958	53827783.57	82.61	5.517	11.3	91.94	11.3			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3007429	25.47	2.483	39688708	141.7	2.370	4.53	155.3	-4.53			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3007429	25.47	2.257	33669312	107.7	2.752	22.0	131.3	22.0			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 1.00 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	2217363	25.47	1.584	16139529	129.0	1.453	8.29	118.3	-8.29	126.5	12.9	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2217363	25.47	4.958	36117467.57	82.61	5.021	1.28	81.67	1.28	82.81	1.62	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2217363	25.47	2.483	31457988	141.7	2.549	2.69	145.5	2.69	140.4	7.28	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2217363	25.47	2.257	22409096	107.7	2.485	10.1	118.5	10.1	124.9	10.2	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 3.00 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	3305884	25.47	1.584	2564088	129.0	1.531	3.35	124.7	-3.35			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3305884	25.47	4.958	54778007.57	82.61	5.108	3.03	89.12	3.03			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3305884	25.47	2.483	42187104	141.7	2.293	7.63	130.9	-7.63			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3305884	25.47	2.257	33022808	107.7	2.363	4.71	112.7	4.71			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 3.00 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	2414794	25.47	1.584	24818078	129.0	1.521	3.97	123.9	-3.97	124.3	0.66	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2414794	25.47	4.958	46684315.57	82.61	4.938	0.39	82.29	-0.39	83.70	0.38	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2414794	25.47	2.483	35191312	141.7	2.619	5.48	149.5	5.48	140.2	11.3	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2414794	25.47	2.257	28652070	107.7	2.807	24.4	133.9	24.4	123.3	17.2	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 3.00 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	2618570	25.47	1.584	23775524	129.0	1.754	10.7	142.9	10.7			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2618570	25.47	4.958	46642459.57	82.61	5.491	10.8	91.50	10.8			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2618570	25.47	2.483	40032996	141.7	2.747	10.7	156.8	10.7			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2618570	25.47	2.257	23557020	107.7	2.328	5.70	105.5	-5.70			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 3.00 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	2209284	25.47	1.584	16657399	129.0	1.488	6.05	121.2	-6.05	122.1	10.4	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2209284	25.47	4.958	36705539.57	82.61	5.122	3.31	85.34	3.31	88.42	6.96	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2209284	25.47	2.483	32603848	141.7	2.652	6.82	151.4	6.82	146.1	1.53	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2209284	25.47	2.257	19804924	107.7	2.211	6.03	101.2	-6.03	101.3	0.35	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 12.50 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	2514181	25.47	1.584	19804920	129.0	1.563	1.35	127.3	-1.35			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2514181	25.47	4.958	41567559.57	82.61	5.097	2.80	84.93	2.80			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2514181	25.47	2.483	33082828	141.7	2.364	4.76	135.0	-4.76			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2514181	25.47	2.257	24204732	107.7	2.277	0.90	108.6	0.92			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 12.50 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	2454538	25.47	1.584	20048028	129.0	1.628	2.80	133.6	-2.80	130.0	4.32	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2454538	25.47	4.958	41250851.57	82.61	5.178	4.45	86.29	4.45	85.61	1.59	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2454538	25.47	2.483	34440632	141.7	2.521	1.56	143.9	1.56	139.5	6.42	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2454538	25.47	2.257	22785740	107.7	2.734	21.2	130.4	21.2	119.5	18.2	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY - 12.50 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	2973822	25.47	1.584	26204276	129.0	1.739	9.40	141.7	9.40			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	2973822	25.47	4.958	51907843.57	82.61	5.381	9.53	89.66	9.53			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	2973822	25.47	2.483	41788180	141.7	2.525	1.71	144.2	1.71			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	2973822	25.47	2.257	34249868	107.7	2.831	25.5	135.1	25.5			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY - 12.50 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	2871377	25.47	1.584	23625262	129.0	1.618	2.12	133.3	2.12	137.0	6.85	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2871377	25.47	4.958	48311063.57	82.61	5.187	4.62	86.43	4.62	88.05	1.67	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2871377	25.47	2.483	35610948	141.7	2.229	10.2	127.2	-10.23	135.7	12.5	TRUE	TRUE	TRUE			