

Experiment in which CCVs were performed	Compound	Internal standard used	Internal standard area (A _{IS})	Internal standard mass (m _{IS} , ng)	RRF _{calibration}	Analyte area (A _x)	Theoretical analyte mass (m _{x,ccv} , ng)	RRF _{CCV}	% D _{RRF}	Experimental mass (m _{ccv,ccv} , ng)	% B	Average experimental mass (ng)	% P	% D _{RRF} < 30%	% D _{RRF} > -30%	% B < 30%	% B > -30%	% P < 20%	% P > -20%
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	3930326	25.47	1.612	21459781.00	77.42	1.796	11.4	86.28	11.4			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3930326	25.47	5.141	41975293.86	49.57	5.487	6.72	52.90	6.72			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3930326	25.47	2.232	28326166.00	85.04	2.158	3.28	82.24	-3.28			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3930326	25.47	2.641	29148222.00	64.59	2.924	10.7	71.50	10.7			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	3331414	25.47	1.612	16797519	77.42	1.659	2.91	79.67	2.91	82.98	7.96	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	3331414	25.47	5.141	36047181.86	49.57	5.559	8.13	53.60	8.13	53.25	1.31	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	3331414	25.47	2.232	25944070	85.04	2.332	4.51	88.87	4.51	85.56	7.74	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	3331414	25.47	2.641	26702620	64.59	3.160	19.6	77.28	19.6	74.39	7.77	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	3648174	25.47	1.612	2141841	77.42	1.931	19.8	92.77	19.8			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3648174	25.47	5.141	41090885.86	49.57	5.787	12.6	55.79	12.6			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3648174	25.47	2.232	28520962	85.04	2.341	4.91	89.21	4.91			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3648174	25.47	2.641	26950070	64.59	2.913	10.3	71.22	10.3			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	3181336	25.47	1.612	15247761	77.42	1.577	21.77	75.74	-2.17	84.25	12.7	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	3181336	25.47	5.141	3100995.86	49.57	5.007	2.62	48.27	-2.62	52.03	8.70	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	3181336	25.47	2.232	25038806	85.04	2.357	5.62	89.81	5.62	89.51	8.85	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	3181336	25.47	2.641	23592466	64.59	2.924	10.7	71.50	10.7	71.36	0.00	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 2.00 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	3585008	25.47	1.612	1985505	77.42	1.822	13.0	87.50	13.0			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3585008	25.47	5.141	39948493.86	49.57	5.725	11.4	55.20	11.4			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3585008	25.47	2.232	28945374	85.04	2.418	8.35	92.14	8.35			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3585008	25.47	2.641	26981258	64.59	2.967	12.3	72.56	12.3			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 2.00 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	3176022	25.47	1.612	15446712	77.42	1.600	7.73	76.85	-0.73	82.18	13.0	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	3176022	25.47	5.141	31814875.86	49.57	5.147	0.10	49.62	0.10	52.41	10.6	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	3176022	25.47	2.232	25386764	85.04	2.394	7.27	91.21	7.27	91.67	1.01	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	3176022	25.47	2.641	23049984	64.59	2.861	8.32	69.97	8.32	71.27	3.63	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 2.00 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	3553678	25.47	1.612	18407299	77.42	1.704	5.72	81.85	5.72			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3553678	25.47	5.141	36580113.86	49.57	5.289	2.86	50.99	2.86			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3553678	25.47	2.232	27819262	85.04	2.344	5.05	89.33	5.05			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3553678	25.47	2.641	25087922	64.59	2.883	9.15	70.51	9.15			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 2.00 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	2984102	25.47	1.612	14160231	77.42	1.561	3.15	74.98	-3.15	78.42	8.76	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	2984102	25.47	5.141	30281205.86	49.57	5.214	1.41	50.26	1.41	50.63	1.43	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	2984102	25.47	2.232	23575856	85.04	2.366	6.02	90.16	6.02	89.74	0.92	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	2984102	25.47	2.641	21981070	64.59	2.904	9.95	71.02	9.95	70.76	0.73	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 5.00 mL - spikes 1 - 3 CCV #1	chloroform	TRIS	3693940	25.47	1.612	17080809	77.42	1.521	5.62	73.07	-5.62			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3693940	25.47	5.141	34736705.86	49.57	4.831	6.03	46.58	-6.03			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3693940	25.47	2.232	24774500	85.04	2.009	10.0	76.53	-10.00			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3693940	25.47	2.641	23090658	64.59	2.465	6.70	60.27	-6.70			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 5.00 mL - spikes 1 - 3 CCV #2	chloroform	TRIS	3266560	25.47	1.612	15421676	77.42	1.553	3.64	76.60	-3.64	73.83	2.08	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	3266560	25.47	5.141	31630955.86	49.57	4.975	3.23	47.97	-3.23	51.93	2.93	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	3266560	25.47	2.232	23893564	85.04	2.191	1.84	83.47	-1.84	80.00	9.67	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	3266560	25.47	2.641	22114956	64.59	2.669	1.05	65.27	-1.05	62.77	7.97	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 5.00 mL - spikes 4 - 6 CCV #1	chloroform	TRIS	3474821	25.47	1.612	18389589	77.42	1.741	8.02	83.63	8.02			TRUE	TRUE	TRUE	TRUE		
	benzene	TRIS	3474821	25.47	5.141	35607121.86	49.57	5.265	2.40	50.76	2.40			TRUE	TRUE	TRUE	TRUE		
	trichloroethylene	TRIS	3474821	25.47	2.232	23840714	85.04	2.328	0.17	84.89	-0.17			TRUE	TRUE	TRUE	TRUE		
	heptane	TRIS	3474821	25.47	2.641	24708858	64.59	2.804	6.14	68.56	6.14			TRUE	TRUE	TRUE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 5.00 mL - spikes 4 - 6 CCV #2	chloroform	TRIS	3053660	25.47	1.612	15044470	77.42	1.621	0.56	77.85	0.56	80.74	7.15	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	benzene	TRIS	3053660	25.47	5.141	31235099.86	49.57	5.255	2.22	50.67	2.22	50.71	0.18	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	trichloroethylene	TRIS	3053660	25.47	2.232	23379302	85.04	2.293	2.74	87.37	2.74	86.13	2.88	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
	heptane	TRIS	3053660	25.47	2.641	22439116	64.59	2.897	9.68	70.85	9.68	69.70	3.28	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
Experiment in which CCVs were performed	Compound	Internal standard used	Internal standard area (A _{IS})	Internal standard mass (m _{IS} , ng)	RRF _{calibration}	Analyte area (A _x)	Theoretical analyte mass (m _{x,ccv} , ng)	RRF _{CCV}	% D _{RRF}	Experimental mass (m _{ccv,ccv} , ng)	% B	Average experimental mass (ng)	% P	% D _{RRF} < 30%	% D _{RRF} > -30%	% B < 30%	% B > -30%	% P < 20%	% P > -20%
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 1 - 3 CCV #1	toluene	BPFB	30758296	42.54	1.513	49976922.00	35.37	1.954	29.2	45.69	29.2			TRUE	TRUE	TRUE	TRUE		
	tetrachloroethylene	BPFB	30758296	42.54	0.658	57852488.00	104.8	0.763	15.9	121.5	15.9			TRUE	TRUE	TRUE	TRUE		
	ethylbenzene	BPFB	30758296	42.54	2.264	29744253.29	13.90	2.958	30.7	18.17	30.7			FALSE	TRUE	FALSE	TRUE		
	p-xylene	BPFB	30758296	42.54	2.428	46682895.29	19.86	3.250	31.8	26.59	31.8			FALSE	TRUE	FALSE	TRUE		
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 1 - 3 CCV #2	o-xylene	BPFB	30758296	42.54	2.348	44550766.71	20.53	3.002	27.9	26.24	27.9			TRUE	TRUE	TRUE	TRUE		
	mesitylene	BPFB	30758296	42.54	3.996	8706136.86	23.38	5.140	26.5	30.12	26.5			TRUE	TRUE	TRUE	TRUE		
	toluene	BPFB	33424378	42.54	1.513	40647142	35.37	1.462	31.32	34.20	-3.32	39.94	26.9	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE
	tetrachloroethylene	BPFB	33424378	42.54	0.658	49795104	104.8	0.605	81.16	96.26	-8.16	108.9	23.2	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE
DESORPTION EFFICIENCY AND RECOVERY 0.75 mL - spikes 4 - 6 CCV #1	p-xylene	BPFB	33424378	42.54	2.264	35130315.29	13.90	2.300	1.59	14.13	1.59	16.15	25.0	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE
	o-xylene	BPFB	33424378	42.54	2.428	37713859.29	19.86	2.416	0.49	19.77	-0.49	23.18	29.4	TRUE	TRUE	TRUE			