

RAW DATA: Spectroscopy

CHEM 154 Section L1 - ONE

Please record the raw data for your locker number on pages 1 and 2 of the lab report sheet.

	steel sample number	mass of steel (g)	Volume of Intermediate Delivered from Burette (mL)			Absorbance @ $\lambda_{\max}$			
Locker #			std #1	std #2	std #3	std #1	std #2	std #3	analyte
A102	NA	0.2448	7.55	15.40	22.50	0.186	0.403	0.585	0.418
A104	NA	0.2055	6.82	15.04	22.14	0.138	0.335	0.493	0.261
A107	NA	0.2655	6.82	15.12	21.58	0.140	0.340	0.483	0.362
A111	NA	0.2416	6.62	15.09	21.70	0.150	0.354	0.499	0.317
A113	NA	0.2748	6.82	15.31	21.85	0.145	0.343	0.515	0.324
A117	NA	0.2329	6.75	14.95	21.64	0.128	0.326	0.502	0.401
A119	NA	0.2755	6.53	15.33	22.25	0.127	0.320	0.490	0.285
A120	NA	0.2559	6.85	14.43	22.24	0.138	0.329	0.507	0.457
B102	NA	0.2850	7.86	15.50	22.45	0.186	0.403	0.585	0.418
B104	NA	0.2466	6.95	14.99	22.14	0.138	0.335	0.493	0.261
B107	NA	0.2802	6.82	15.12	21.58	0.140	0.340	0.483	0.362
B111	NA	0.2709	6.51	14.95	21.88	0.150	0.354	0.499	0.317
B113	NA	0.2016	6.55	15.29	21.88	0.145	0.343	0.515	0.324
B117	NA	0.2122	6.69	14.97	21.84	0.128	0.326	0.502	0.401
B119	NA	0.2623	6.51	15.23	22.22	0.127	0.320	0.490	0.285
B120	NA	0.2368	7.15	14.42	22.14	0.138	0.329	0.507	0.457