

Sample							
	Rjct	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment
	####	001CALB.d	4/13/2023 2:20 PM	CalBlk	1	Kalib 1	0 ug/l
	####	002CAL.S.d	4/13/2023 2:23 PM	CalStd	5	Kalib 5	500 ug/l
	####	003CAL.S.d	4/13/2023 2:27 PM	CalStd	4	Kalib 4	100 ug/l
	####	004CAL.S.d	4/13/2023 2:30 PM	CalStd	3	Kalib 3	20 ug/l
	####	005CAL.S.d	4/13/2023 2:33 PM	CalStd	2	Kalib 2	5 ug/l
	####	006SMPL.d	4/13/2023 2:36 PM	Sample		WASH	
	####	007SMPL.d	4/13/2023 3:02 PM	Sample		HNO3 Blank	
	####	008SMPL.d	4/13/2023 3:05 PM	Sample		HNO3 Blank	
	####	009SMPL.d	4/13/2023 3:09 PM	Sample		HNO3 Blank	
	####	010SMPL.d	4/13/2023 3:12 PM	Sample		HNO3 Ext #1	
	####	011SMPL.d	4/13/2023 3:15 PM	Sample		HNO3 Ext #2	
	####	012SMPL.d	4/13/2023 3:18 PM	Sample		HNO3 Ext #3	
	####	013SMPL.d	4/13/2023 3:31 PM	Sample		NH4NO3 Blank	
	####	014SMPL.d	4/13/2023 3:34 PM	Sample		NH4NO4 Blank	
	####	015SMPL.d	4/13/2023 3:37 PM	Sample		NH4NO5 Blank	
	####	016SMPL.d	4/13/2023 3:40 PM	Sample		NH4NO3 Ext #1	
	####	017SMPL.d	4/13/2023 3:43 PM	Sample		NH4NO3 Ext #2	
	####	018SMPL.d	4/13/2023 3:46 PM	Sample		NH4NO3 Ext #3	

Notes

1. Maybe the fifth calibration point is
2. Something is wrong with the s

60 Ni [He]	75 As [He]	111 Cd [He]	208 Pb [He]	72 Ge (ISTD) [He]	115 In (ISTD) [He]
CPS	CPS	CPS	CPS	CPS	CPS
752.02	9.75	6.75	5641.25	310530.794	872461.228
3452194.6	326908.842	1156145.17	32536068.6	280738.344	788197.812
508269.598	47534.672	168318.918	4776504.736	277973.382	779739.718
137521.722	12890.192	44981.692	1285393.562	271673.178	763316.89
33737.168	3103.534	10975.778	314278.994	272944.198	759649.448
899.232	23.75	15	2046.87	267071.388	767785.498
339.21	6.5	4.75	1088.424	265929.368	743091.948
395.61	7.5	6.75	812.41	265605.556	743468.56
324.806	4.75	6	888.812	261024.472	728898.512
109895.15	4500.838	4094.502	8040664.124	262053.598	727653.508
153818.054	6206.356	5564.176	10722261.2	258512.594	713930.816
107794.202	4186.012	3933.712	7395233.45	254905.3	702713.954
591.212	7	8.25	4535.1	258593.32	745196.684
608.416	6	7.25	4541.896	245996.882	697864.016
524.41	4.5	6.75	3337.368	243890.484	691201.414
71575.506	3828.928	2037.63	55773.142	252414.156	704732.782
72527.34	3843.686	2101.388	65106.866	254335.198	711779.922
70754.362	3895.948	2117.892	54883.188	245678.59	688056.108

s wrong - pipetting 175 ug/L instead of 125 ug/L gives a concentration of 700 ug/L instead of 500 ug/L, then the 100 ug/L point in the second extraction into HNO₃ - for all analytes the recoveries are about 70% compared to the first and third extraction

209 Bi (ISTD) [He]
CPS
5704899.414
5341738.672
5229227.486
5085099.112
5054109.174
4987894.676
4955465.988
4938689.364
4855068.178
4592892.306
4458672.31
4432767.06
4734339.114
4427292.372
4373933.122
3496739.134
3461818.136
3351412.636

the calibration fits

. I would guess a sample dilution error