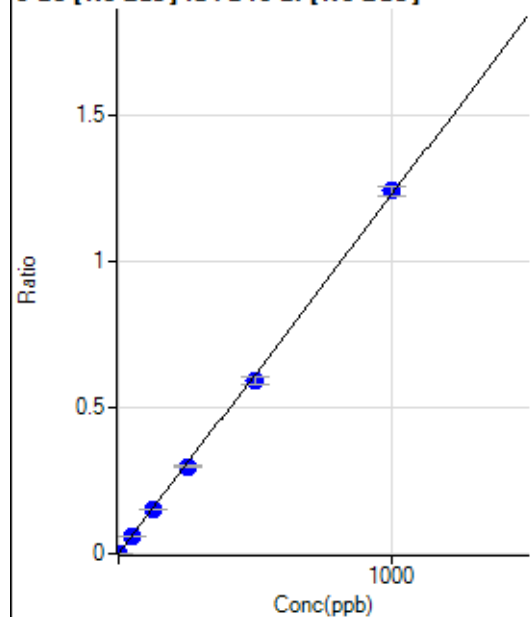


Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101425MS1.b\
 Analysis File: P7101425MS1.batch.bin
 DA Date-Time: 2025-10-15 12:57:16
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-10-14 13:30:40
2	005CALS.d	S02	2025-10-14 13:33:57
3	007CALS.d	S03	2025-10-14 13:40:32
4	008CALS.d	S04	2025-10-14 13:43:47
5	009CALS.d	S05	2025-10-14 13:46:48
6	010CALS.d	S06	2025-10-14 13:49:44
7	011CALS.d	S07	2025-10-14 13:52:30
8	012CALS.d	S08	2025-10-14 13:55:16

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	53.5
2	☐	1.000	1.105	884.48	0.0014	P	4.7
3	☐	50.000	50.086	39678.56	0.0615	P	0.7
4	☐	125.000	124.729	93565.57	0.1531	P	1.8
5	☐	250.000	243.243	180723.59	0.2985	P	1.3
6	☐	500.000	481.004	366070.87	0.5902	P	4.7
7	☐	1000.000	1011.217	762290.05	1.2408	P	2.3
8	☐			271.12	0.0004	P	16.0

$$y = 0.0012 * x + 2.4705E-005$$

$$R = 0.9997$$

$$DL = 0.03231$$

$$BEC = 0.02013$$

Weight: <None>

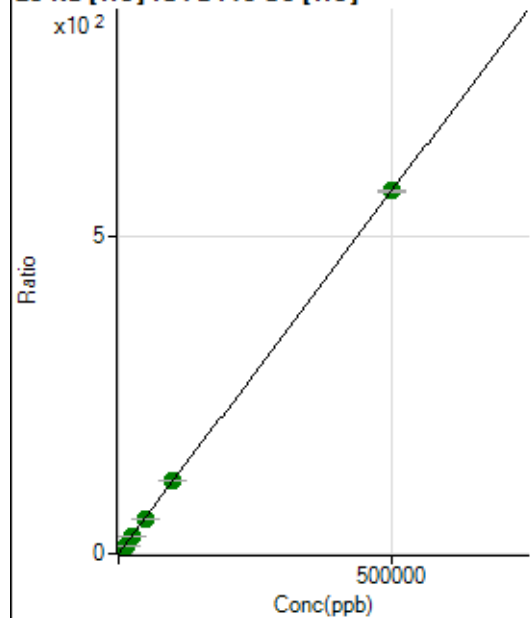
Min Conc: <None>

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22955.02	0.0612	P	2.2
2	☐	500.000	489.205	234511.05	0.6205	P	0.2
3	☐	5000.000	4798.849	2115907.49	5.5477	A	1.6
4	☐	12500.000	11743.397	4882400.38	13.4875	A	0.9
5	☐	25000.000	23437.723	9523958.61	26.8578	A	1.1
6	☐	50000.000	47461.506	19544273.46	54.3245	A	1.1
7	☐	100000.00	100521.73	41758761.32	114.9889	A	0.3
8	☐	500000.00	500248.55	243730867.4	572.0017	A	0.5

$$y = 0.0011 * x + 0.0612$$

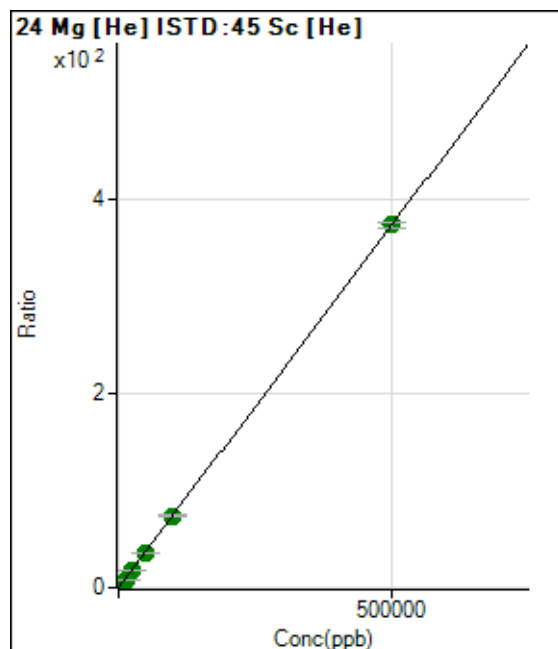
$$R = 1.0000$$

$$DL = 3.549$$

$$BEC = 53.49$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0008	P	16.7
2	☐	500.000	481.935	136419.52	0.3609	P	0.8
3	☐	5000.000	4640.292	1322860.30	3.4684	A	0.5
4	☐	12500.000	11659.998	3154468.25	8.7142	A	2.3
5	☐	25000.000	22936.639	6078567.34	17.1411	A	0.8
6	☐	50000.000	46684.879	12552322.17	34.8879	A	0.3
7	☐	100000.00	98352.387	26684540.16	73.4985	A	3.0
8	☐	500000.00	500788.81	159448586.5	374.2350	A	1.6

$$y = 7.4729\text{E-}004 * x + 7.9941\text{E-}004$$

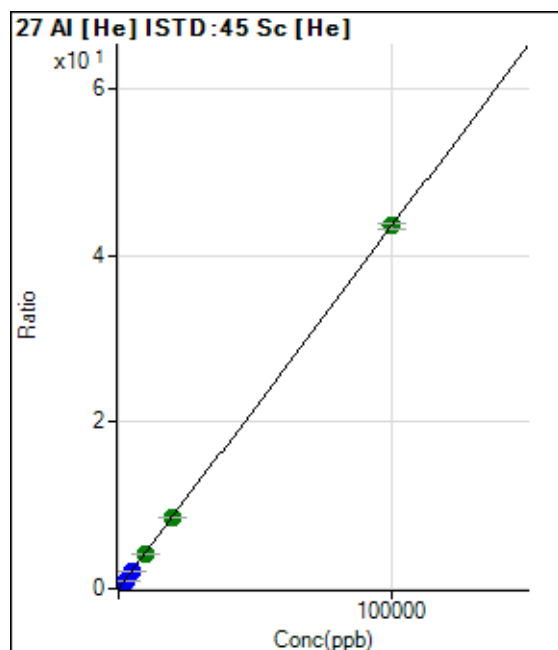
$$R = 1.0000$$

$$DL = 0.5351$$

$$BEC = 1.07$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	748.91	0.0020	P	8.7
2	☐	20.000	19.340	3934.99	0.0104	P	1.8
3	☐	1000.000	921.667	153752.46	0.4031	P	0.8
4	☐	2500.000	2318.050	365931.00	1.0109	P	1.4
5	☐	5000.000	4593.468	709646.54	2.0012	P	0.7
6	☐	10000.000	9481.705	1485372.04	4.1287	A	0.9
7	☐	20000.000	19720.141	3117223.67	8.5847	A	1.5
8	☐	100000.00	100133.46	18570062.78	43.5828	A	1.3

$$y = 4.3523\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

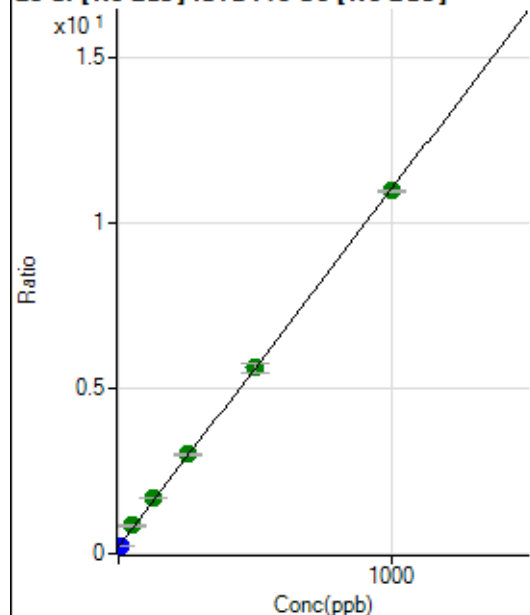
$$DL = 1.201$$

$$BEC = 4.582$$

Weight: <None>

Min Conc: <None>

28 Si [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	694189.07	0.2071	P	2.8
2	☐	10.000	0.499	711398.22	0.2125	P	0.3
3	☐	50.000	59.059	2847252.98	0.8452	A	2.3
4	☐	125.000	137.030	5481629.50	1.6877	A	1.7
5	☐	250.000	259.456	9534259.65	3.0105	A	1.4
6	☐	500.000	501.850	18229292.09	5.6296	A	5.1
7	☐	1000.000	994.849	34891254.20	10.9564	A	0.2
8	☐			752012.87	0.2073	P	3.5

$$y = 0.0108 * x + 0.2071$$

$$R = 0.9998$$

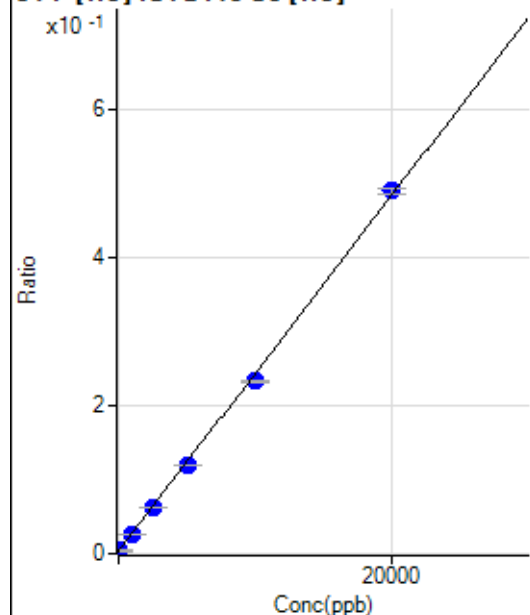
$$DL = 1.582$$

$$BEC = 19.16$$

Weight: <None>

Min Conc: <None>

31 P [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.771	1167.84	0.0031	P	5.5
2	☐	0.000	17.771	1498.98	0.0040	P	3.7
3	☐	1000.000	967.981	10229.08	0.0268	P	1.2
4	☐	2500.000	2426.269	22404.30	0.0619	P	0.9
5	☐	5000.000	4852.103	42638.29	0.1202	P	1.0
6	☐	10000.000	9566.218	84045.62	0.2336	P	1.2
7	☐	20000.000	20264.682	178264.10	0.4909	P	1.4
8	☐			1105.61	0.0026	P	8.0

$$y = 2.4051E-005 * x + 0.0035$$

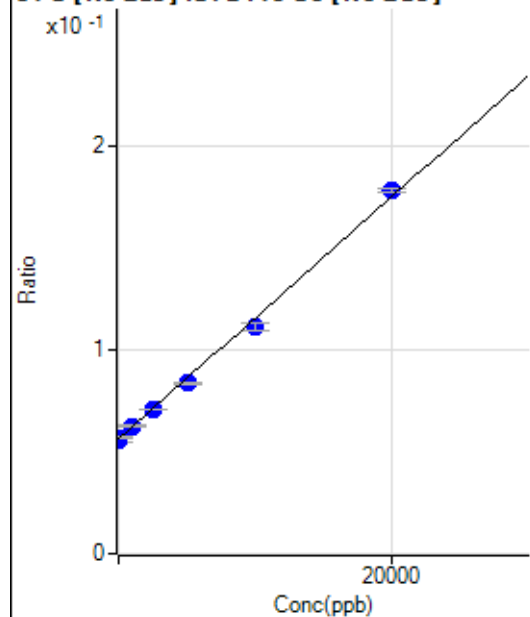
$$R = 0.9996$$

$$DL = 19.9$$

$$BEC = 147.1$$

Weight: <None>

Min Conc: <None>

34 S [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-100.929	187308.39	0.0559	P	2.3
2	☐	0.000	100.929	191091.58	0.0571	P	0.5
3	☐	1000.000	1012.355	210541.13	0.0625	P	1.5
4	☐	2500.000	2394.909	229706.70	0.0707	P	0.6
5	☐	5000.000	4644.703	266387.86	0.0841	P	1.1
6	☐	10000.000	9246.082	361139.38	0.1115	P	3.5
7	☐	20000.000	20478.302	567961.58	0.1784	P	1.1
8	☐			170807.42	0.0471	P	4.8

$$y = 5.9517E-006 * x + 0.0565$$

R = 0.9987

DL = 406.3

BEC = 9488

Weight: <None>

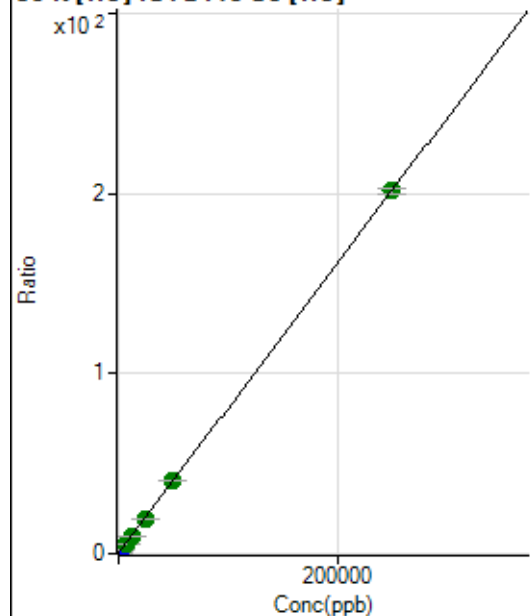
Min Conc: <None>

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66756.80	0.1778	P	0.9
2	☐	500.000	515.503	223830.38	0.5922	P	0.5
3	☐	2500.000	2423.844	810921.98	2.1262	P	1.1
4	☐	6250.000	5946.179	1794569.42	4.9575	A	0.7
5	☐	12500.000	11697.077	3397082.31	9.5802	A	1.6
6	☐	25000.000	23234.586	6783218.72	18.8544	A	1.3
7	☐	50000.000	49847.509	14617196.73	40.2465	A	0.8
8	☐	250000.00	250255.51	85789333.72	201.3392	A	1.4

$$y = 8.0382E-004 * x + 0.1778$$

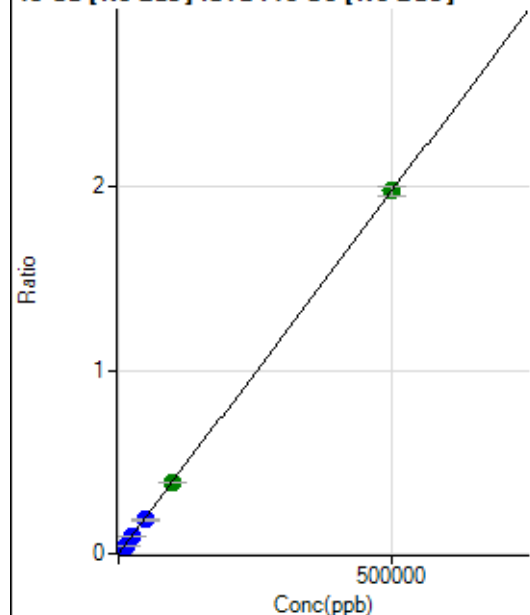
$$R = 1.0000$$

$$DL = 6.182$$

$$BEC = 221.2$$

Weight: <None>

Min Conc: <None>

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374.46	0.0001	P	4.7
2	☐	500.000	515.254	7182.88	0.0021	P	0.4
3	☐	5000.000	4825.158	64522.52	0.0192	P	3.3
4	☐	12500.000	11725.305	150671.87	0.0464	P	2.3
5	☐	25000.000	23270.818	291226.09	0.0920	P	1.7
6	☐	50000.000	46625.824	596295.07	0.1841	P	4.5
7	☐	100000.00	98697.401	1240834.35	0.3896	A	0.5
8	☐	500000.00	500705.49	7171135.93	1.9763	A	2.9

$$y = 3.9467\text{E-}006 * x + 1.1161\text{E-}004$$

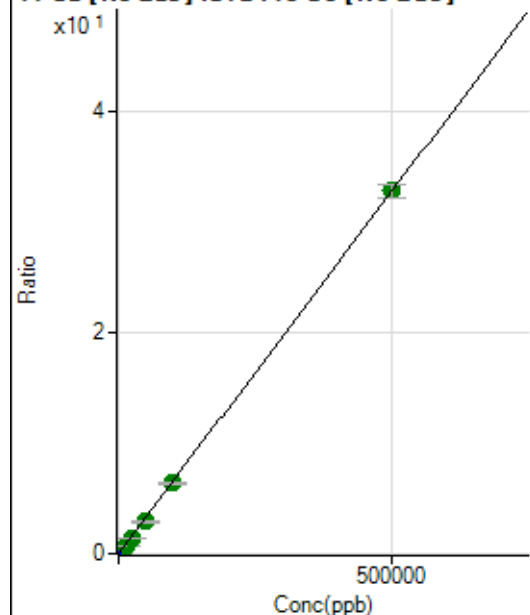
$$R = 1.0000$$

$$DL = 3.978$$

$$BEC = 28.28$$

Weight: <None>

Min Conc: <None>

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21695.17	0.0065	P	1.9
2	☐	500.000	509.903	133240.18	0.0398	P	1.3
3	☐	5000.000	4708.260	1058290.21	0.3142	P	2.1
4	☐	12500.000	11318.678	2423483.78	0.7461	A	3.4
5	☐	25000.000	22152.183	4605075.28	1.4541	A	1.5
6	☐	50000.000	44378.919	9414287.84	2.9066	A	4.0
7	☐	100000.00	96959.107	20198687.89	6.3427	A	0.9
8	☐	500000.00	501345.11	118874440.4	32.7693	A	3.7

$$y = 6.5350\text{E-}005 * x + 0.0065$$

$$R = 0.9999$$

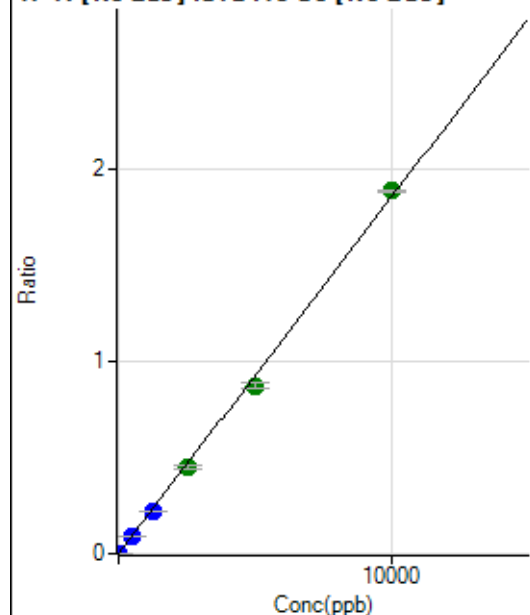
$$DL = 5.743$$

$$BEC = 99.01$$

Weight: <None>

Min Conc: <None>

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0000	P	5.9
2	☐	5.000	5.229	3334.84	0.0010	P	3.8
3	☐	500.000	477.456	298758.48	0.0887	P	3.3
4	☐	1250.000	1179.698	711703.77	0.2191	P	2.6
5	☐	2500.000	2414.178	1419937.24	0.4484	A	3.3
6	☐	5000.000	4716.674	2837038.05	0.8760	A	4.1
7	☐	10000.000	10173.033	6016715.05	1.8893	A	0.5
8	☐			737.81	0.0002	P	11.0

$$y = 1.8572\text{E-}004 * x + 2.4868\text{E-}005$$

$$R = 0.9994$$

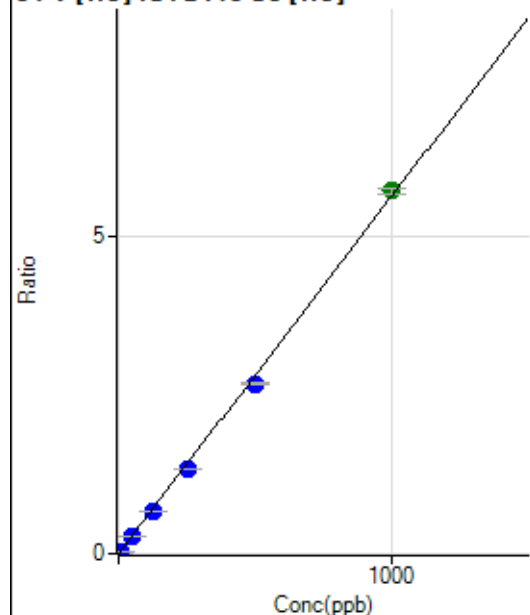
$$DL = 0.02357$$

$$BEC = 0.1339$$

Weight: <None>

Min Conc: <None>

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0001	P	71.7
2	☐	5.000	5.084	10809.52	0.0286	P	1.9
3	☐	50.000	47.559	101878.81	0.2671	P	0.2
4	☐	125.000	119.782	243505.14	0.6727	P	1.7
5	☐	250.000	237.978	473904.03	1.3364	P	0.8
6	☐	500.000	475.814	961284.72	2.6719	P	0.8
7	☐	1000.000	1015.872	2071439.93	5.7046	A	1.8
8	☐			4078.37	0.0096	P	3.5

$$y = 0.0056 * x + 5.0498\text{E-}005$$

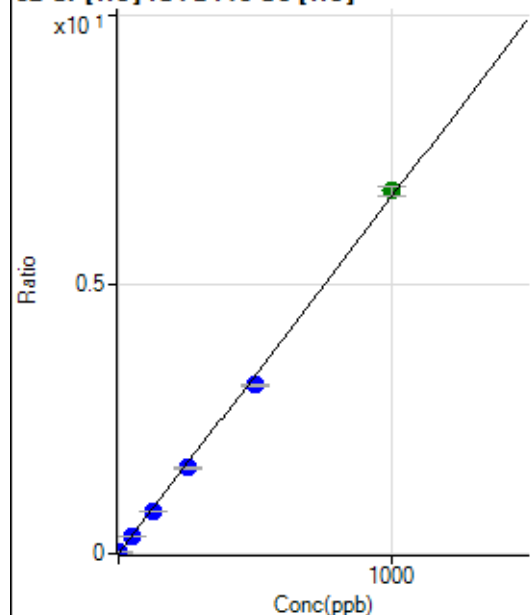
$$R = 0.9995$$

$$DL = 0.01935$$

$$BEC = 0.008993$$

Weight: <None>

Min Conc: <None>

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1582.32	0.0042	P	9.5
2	☐	2.000	2.083	6812.72	0.0180	P	0.8
3	☐	50.000	47.950	122818.56	0.3220	P	1.6
4	☐	125.000	120.069	289604.91	0.8000	P	0.6
5	☐	250.000	239.438	564260.91	1.5912	P	0.4
6	☐	500.000	472.547	1128345.84	3.1362	P	0.6
7	☐	1000.000	1017.086	2449231.78	6.7454	A	2.4
8	☐			28158.64	0.0661	P	1.4

$$y = 0.0066 * x + 0.0042$$

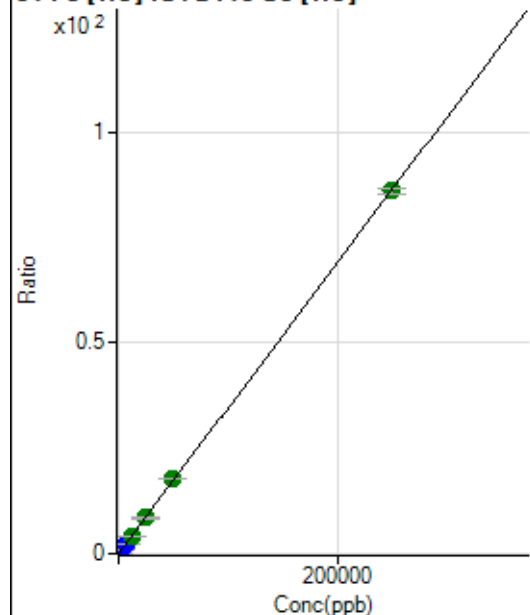
$$R = 0.9994$$

$$DL = 0.182$$

$$BEC = 0.6361$$

Weight: <None>

Min Conc: <None>

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2211.30	0.0059	P	2.1
2	☐	50.000	54.849	9362.99	0.0248	P	0.6
3	☐	2500.000	2536.050	335223.69	0.8789	P	0.8
4	☐	6250.000	6370.754	796037.10	2.1990	P	0.4
5	☐	12500.000	12336.710	1508124.91	4.2529	A	0.5
6	☐	25000.000	24610.373	3050241.97	8.4781	A	1.4
7	☐	50000.000	51818.218	6480017.82	17.8445	A	1.0
8	☐	250000.00	249680.10	36625228.07	85.9593	A	1.4

$$y = 3.4425E-004 * x + 0.0059$$

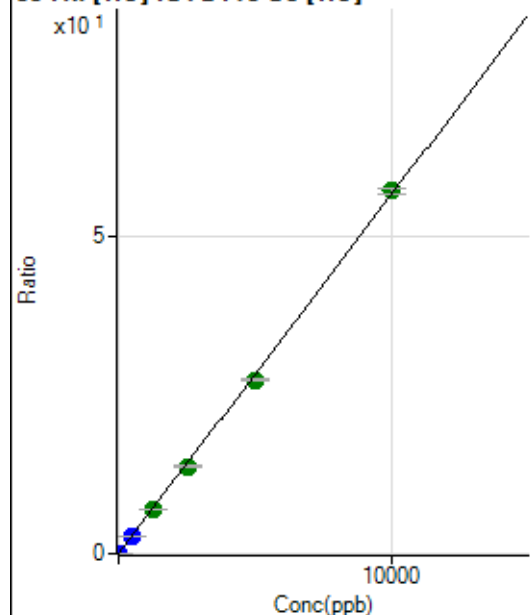
$$R = 1.0000$$

$$DL = 1.071$$

$$BEC = 17.11$$

Weight: <None>

Min Conc: <None>

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	414.45	0.0011	P	7.4
2	☐	1.000	1.009	2582.47	0.0068	P	4.5
3	☐	500.000	479.224	1037577.50	2.7205	P	0.7
4	☐	1250.000	1227.155	2521100.10	6.9646	A	2.0
5	☐	2500.000	2428.590	4887043.26	13.7821	A	1.5
6	☐	5000.000	4842.217	9885902.56	27.4782	A	1.0
7	☐	10000.000	10100.638	20813009.97	57.3171	A	1.4
8	☐			20109.11	0.0472	P	1.4

$$y = 0.0057 * x + 0.0011$$

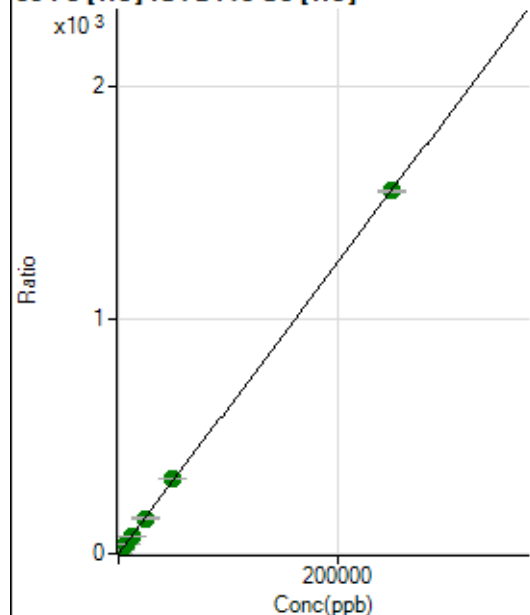
$$R = 0.9998$$

$$DL = 0.04294$$

$$BEC = 0.1947$$

Weight: <None>

Min Conc: <None>

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17303.43	0.0461	P	1.7
2	☐	50.000	52.412	140454.87	0.3716	P	0.9
3	☐	2500.000	2440.641	5799160.19	15.2047	A	0.7
4	☐	6250.000	6131.931	13803042.85	38.1309	A	2.1
5	☐	12500.000	12312.161	27132373.21	76.5156	A	1.1
6	☐	25000.000	24362.814	54465167.52	151.3609	A	1.8
7	☐	50000.000	51391.618	115921966.0	319.2338	A	1.2
8	☐	250000.00	249798.33	661078287.9	1,551.516	A	0.4

$$y = 0.0062 * x + 0.0461$$

$$R = 1.0000$$

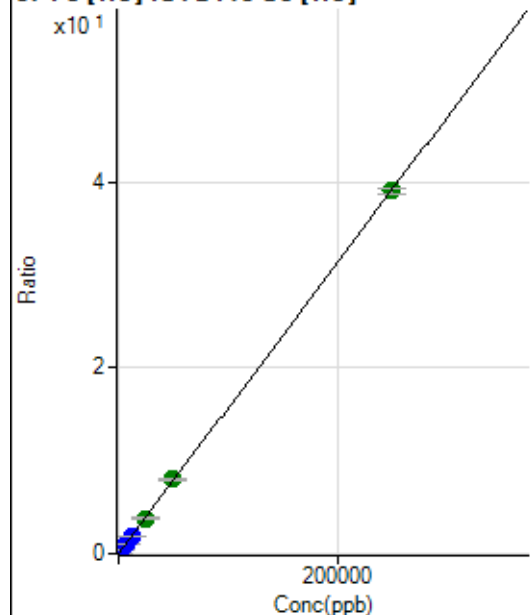
$$DL = 0.3829$$

$$BEC = 7.422$$

Weight: <None>

Min Conc: <None>

57 Fe [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1711.22	0.0046	P	2.6
2	☐	50.000	57.527	5119.81	0.0135	P	0.9
3	☐	2500.000	2507.066	151112.23	0.3962	P	1.0
4	☐	6250.000	6240.606	354550.59	0.9794	P	0.6
5	☐	12500.000	12378.975	687364.37	1.9384	P	0.4
6	☐	25000.000	24312.589	1368082.11	3.8026	A	1.7
7	☐	50000.000	51272.262	2910045.62	8.0141	A	1.5
8	☐	250000.00	249820.50	16629870.86	39.0306	A	1.5

$$y = 1.5622\text{E-}004 * x + 0.0046$$

$$R = 1.0000$$

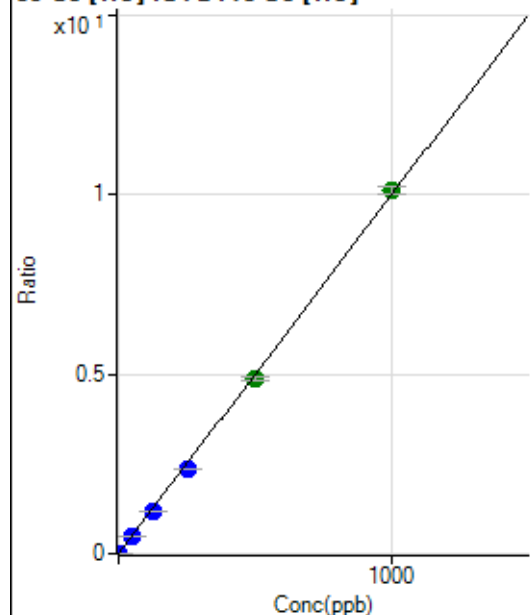
$$DL = 2.315$$

$$BEC = 29.18$$

Weight: <None>

Min Conc: <None>

59 Co [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.78	0.0005	P	6.0
2	☐	1.000	1.056	4178.40	0.0111	P	3.4
3	☐	50.000	47.254	180376.71	0.4729	P	0.9
4	☐	125.000	118.077	427517.59	1.1810	P	0.6
5	☐	250.000	235.825	836264.29	2.3582	P	0.4
6	☐	500.000	487.376	1753101.71	4.8732	A	2.6
7	☐	1000.000	1010.858	3669940.22	10.1069	A	2.0
8	☐			14394.81	0.0338	P	1.6

$$y = 0.0100 * x + 5.0041\text{E-}004$$

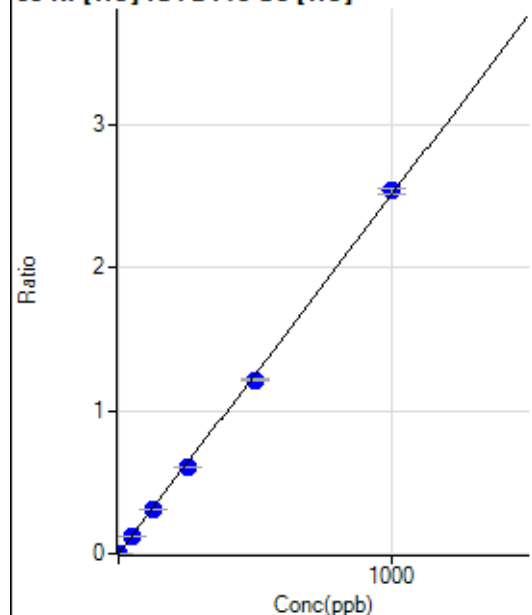
$$R = 0.9998$$

$$DL = 0.008988$$

$$BEC = 0.05005$$

Weight: <None>

Min Conc: <None>

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	344.45	0.0009	P	13.8
2	☐	1.000	1.141	1427.86	0.0038	P	11.1
3	☐	50.000	49.120	47299.11	0.1240	P	0.3
4	☐	125.000	123.278	112165.62	0.3099	P	1.2
5	☐	250.000	241.612	215032.47	0.6064	P	1.0
6	☐	500.000	482.484	435326.04	1.2100	P	1.0
7	☐	1000.000	1011.114	920427.50	2.5348	P	1.5
8	☐			11046.37	0.0259	P	2.4

$$y = 0.0025 * x + 9.1834E-004$$

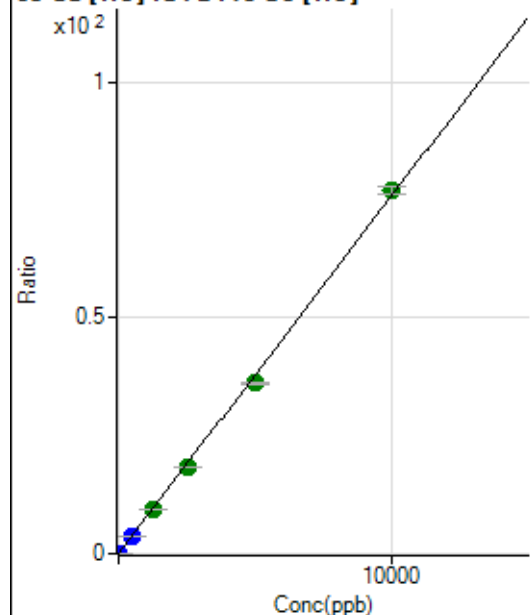
$$R = 0.9997$$

$$DL = 0.1518$$

$$BEC = 0.3665$$

Weight: <None>

Min Conc: <None>

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	954.48	0.0025	P	5.1
2	☐	2.000	2.067	6887.21	0.0182	P	2.1
3	☐	500.000	477.263	1381846.01	3.6231	P	0.8
4	☐	1250.000	1234.015	3389618.42	9.3639	A	1.2
5	☐	2500.000	2409.384	6482558.45	18.2804	A	0.6
6	☐	5000.000	4767.639	13012597.17	36.1703	A	1.2
7	☐	10000.000	10141.970	27936444.31	76.9405	A	2.1
8	☐			9129.53	0.0214	P	1.8

$$y = 0.0076 * x + 0.0025$$

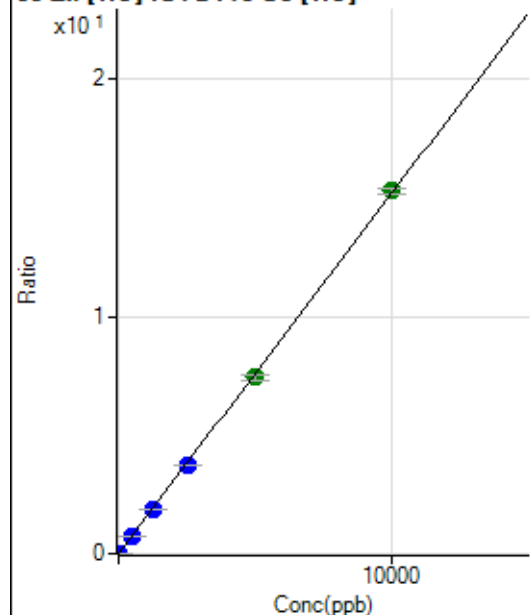
$$R = 0.9996$$

$$DL = 0.05155$$

$$BEC = 0.3351$$

Weight: <None>

Min Conc: <None>

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1608.99	0.0043	P	8.9
2	☐	5.000	6.066	5103.15	0.0135	P	2.6
3	☐	500.000	492.447	286991.33	0.7525	P	1.1
4	☐	1250.000	1224.020	674740.69	1.8640	P	0.9
5	☐	2500.000	2447.292	1320073.60	3.7225	P	0.3
6	☐	5000.000	4890.511	2674814.81	7.4346	A	3.0
7	☐	10000.000	10071.546	5557895.47	15.3064	A	1.5
8	☐			9739.95	0.0229	P	4.7

$$y = 0.0015 * x + 0.0043$$

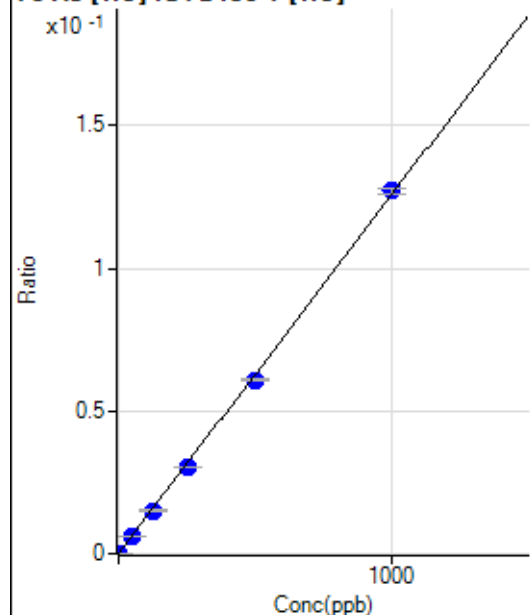
$$R = 0.9999$$

$$DL = 0.7512$$

$$BEC = 2.82$$

Weight: <None>

Min Conc: <None>

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0000	P	13.4
2	☐	1.000	1.008	366.68	0.0001	P	6.4
3	☐	50.000	49.198	16527.11	0.0062	P	0.6
4	☐	125.000	119.765	38494.30	0.0151	P	2.2
5	☐	250.000	240.584	75995.76	0.0303	P	1.4
6	☐	500.000	483.267	153665.11	0.0608	P	0.8
7	☐	1000.000	1011.415	321753.21	0.1271	P	1.3
8	☐			288.89	0.0001	P	13.5

$$y = 1.2569E-004 * x + 1.1865E-005$$

$$R = 0.9997$$

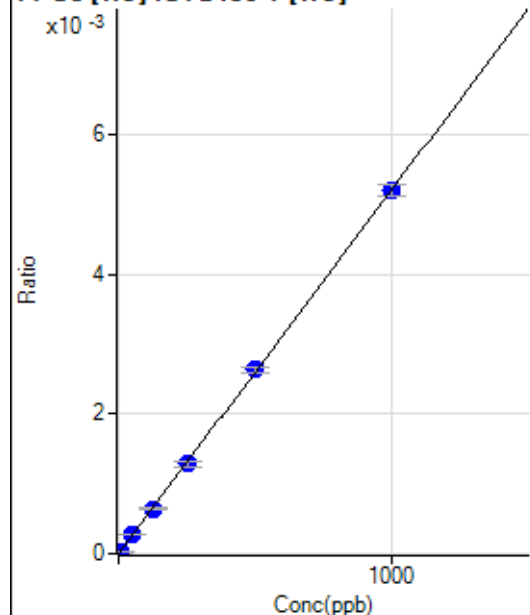
$$DL = 0.03795$$

$$BEC = 0.0944$$

Weight: <None>

Min Conc: <None>

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.300	87.78	0.0000	P	19.1
3	☐	50.000	51.976	722.25	0.0003	P	4.0
4	☐	125.000	123.892	1647.89	0.0006	P	1.0
5	☐	250.000	246.006	3214.82	0.0013	P	5.5
6	☐	500.000	505.684	6652.67	0.0026	P	3.0
7	☐	1000.000	998.190	13139.27	0.0052	P	3.2
8	☐			20.00	0.0000	P	58.0

$$y = 5.2016\text{E-}006 * x + 4.1733\text{E-}007$$

$$R = 1.0000$$

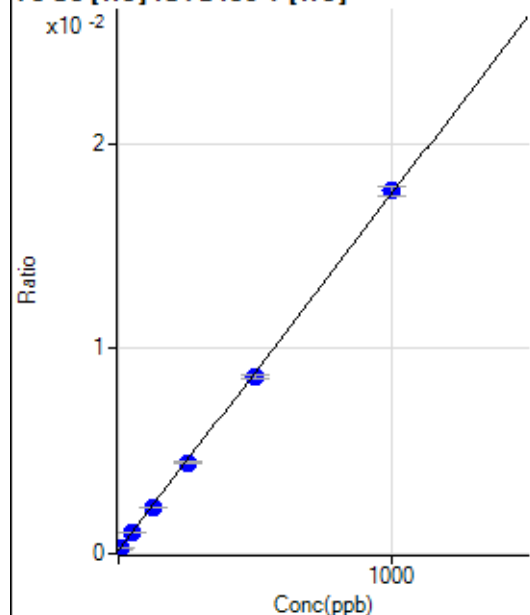
$$DL = 0.4169$$

$$BEC = 0.08023$$

Weight: <None>

Min Conc: <None>

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455.57	0.0002	P	3.3
2	☐	5.000	4.875	683.35	0.0003	P	7.2
3	☐	50.000	49.259	2743.61	0.0010	P	2.8
4	☐	125.000	120.471	5786.73	0.0023	P	0.8
5	☐	250.000	246.054	11165.42	0.0044	P	2.0
6	☐	500.000	485.814	21761.69	0.0086	P	1.8
7	☐	1000.000	1008.683	44736.65	0.0177	P	2.3
8	☐			456.68	0.0002	P	7.4

$$y = 1.7354\text{E-}005 * x + 1.7363\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.9802$$

$$BEC = 10.01$$

Weight: <None>

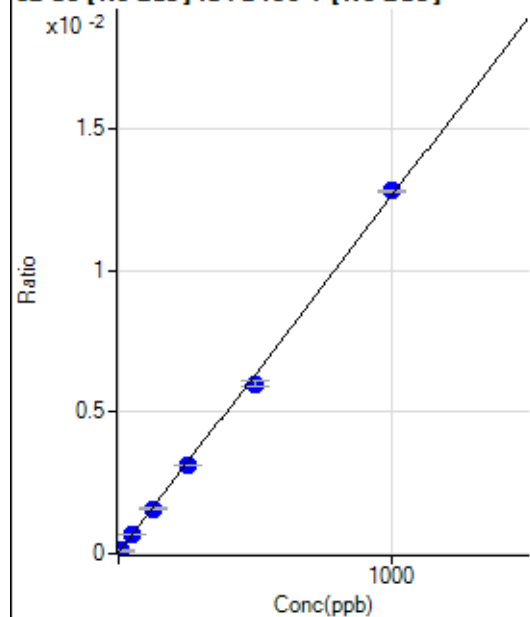
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8036.71		P	2.7
2	☐			8414.72		P	4.2
3	☐			8086.74		P	1.7
4	☐			7921.09		P	3.2
5	☐			7488.64		P	0.6
6	☐			7644.29		P	3.2
7	☐			7738.77		P	1.9
8	☐			8591.47		P	5.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			157.78		P	8.0
2	☐			173.34		P	11.5
3	☐			168.89		P	18.7
4	☐			120.00		P	4.8
5	☐			126.67		P	17.3
6	☐			94.44		P	19.4
7	☐			218.89		P	15.6
8	☐			292.23		P	13.9

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	309.93	0.0000	P	8.7
2	☐	5.000	5.306	873.01	0.0001	P	6.1
3	☐	50.000	49.315	5561.45	0.0007	P	2.1
4	☐	125.000	122.659	13050.74	0.0016	P	1.9
5	☐	250.000	243.637	24842.05	0.0031	P	0.5
6	☐	500.000	474.194	49959.62	0.0060	P	3.3
7	☐	1000.000	1014.819	101748.68	0.0128	P	0.7
8	☐			446.56	0.0000	P	14.6

$$y = 1.2605E-005 * x + 3.7195E-005$$

$$R = 0.9995$$

$$DL = 0.7708$$

$$BEC = 2.951$$

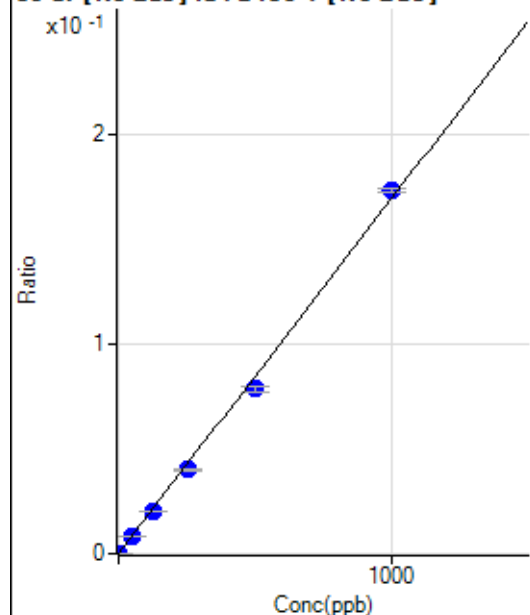
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			374.45		P	11.8
2	☐			356.68		P	15.0
3	☐			375.57		P	6.7
4	☐			386.67		P	9.7
5	☐			358.90		P	11.5
6	☐			324.45		P	7.8
7	☐			368.90		P	11.2
8	☐			396.68		P	14.1

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	641.13	0.0001	P	15.5
2	☐	1.000	0.969	2021.27	0.0002	P	0.7
3	☐	50.000	47.899	69120.77	0.0082	P	1.8
4	☐	125.000	119.298	167131.03	0.0203	P	0.3
5	☐	250.000	237.532	322014.87	0.0403	P	2.2
6	☐	500.000	464.544	654036.46	0.0787	P	3.5
7	☐	1000.000	1021.663	1372690.74	0.1731	P	1.2
8	☐			21689.44	0.0024	P	4.2

$$y = 1.6933\text{E-}004 * x + 7.6856\text{E-}005$$

$$R = 0.9990$$

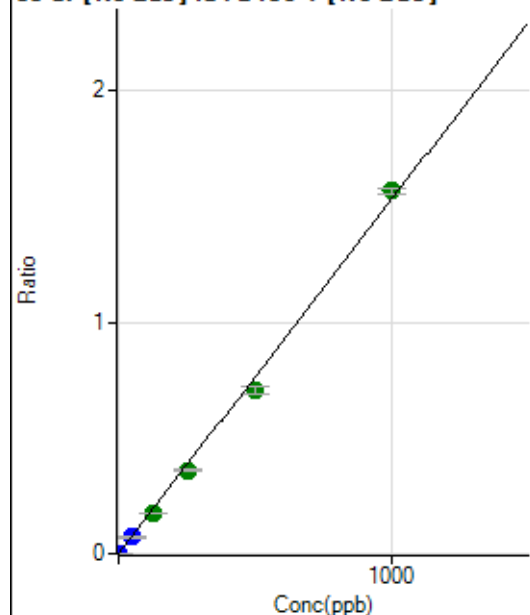
$$DL = 0.2111$$

$$BEC = 0.4539$$

Weight: <None>

Min Conc: <None>

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0000	P	22.2
2	☐	1.000	0.963	12558.78	0.0015	P	1.7
3	☐	50.000	46.631	602862.41	0.0714	P	2.7
4	☐	125.000	116.246	1467115.55	0.1780	A	0.6
5	☐	250.000	235.466	2881067.11	0.3605	A	2.5
6	☐	500.000	460.625	5858059.22	0.7053	A	4.3
7	☐	1000.000	1024.584	12441458.15	1.5688	A	1.6
8	☐			185978.27	0.0204	P	2.9

$$y = 0.0015 * x + 2.3188\text{E-}005$$

$$R = 0.9988$$

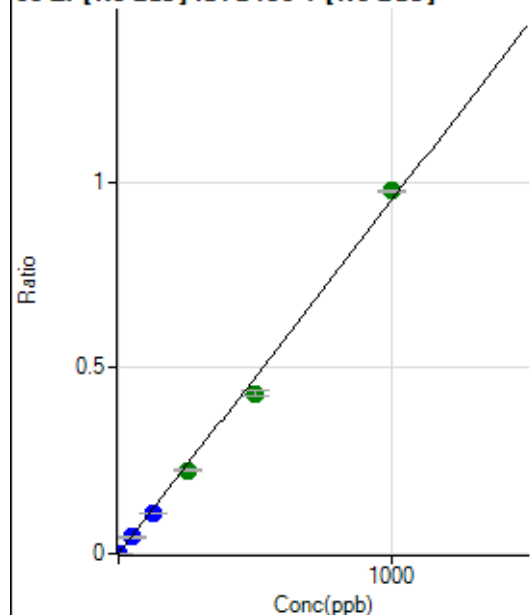
$$DL = 0.01009$$

$$BEC = 0.01514$$

Weight: <None>

Min Conc: <None>

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	332.23	0.0000	P	2.7
2	☐	1.000	0.914	7620.94	0.0009	P	3.9
3	☐	50.000	46.611	374084.09	0.0443	P	2.0
4	☐	125.000	114.856	899581.57	0.1091	P	0.7
5	☐	250.000	236.814	1797589.70	0.2250	A	3.1
6	☐	500.000	454.539	3586532.86	0.4318	A	3.9
7	☐	1000.000	1027.465	7740554.19	0.9760	A	0.8
8	☐			8231.26	0.0009	P	3.6

$$y = 9.4988\text{E-}004 * x + 3.9845\text{E-}005$$

$$R = 0.9984$$

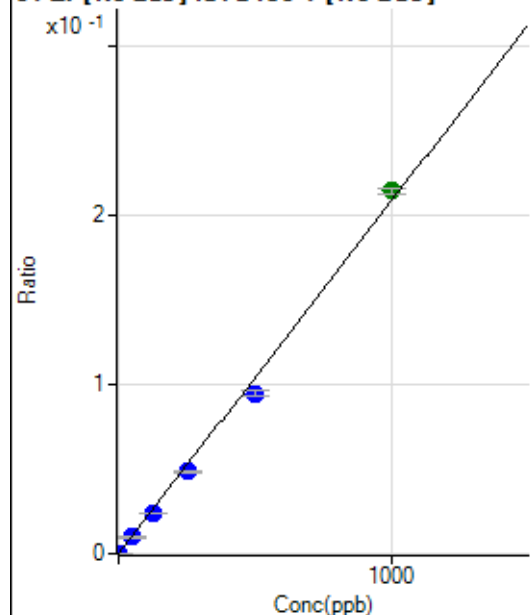
$$DL = 0.003344$$

$$BEC = 0.04195$$

Weight: <None>

Min Conc: <None>

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0000	P	22.4
2	☐	1.000	0.955	1737.90	0.0002	P	6.0
3	☐	50.000	46.813	82369.51	0.0098	P	2.4
4	☐	125.000	115.952	199083.32	0.0242	P	1.0
5	☐	250.000	232.675	387273.68	0.0485	P	2.5
6	☐	500.000	454.718	786682.05	0.0947	P	3.9
7	☐	1000.000	1028.263	1698527.08	0.2142	A	1.4
8	☐			1832.36	0.0002	P	3.1

$$y = 2.0827\text{E-}004 * x + 8.2571\text{E-}006$$

$$R = 0.9984$$

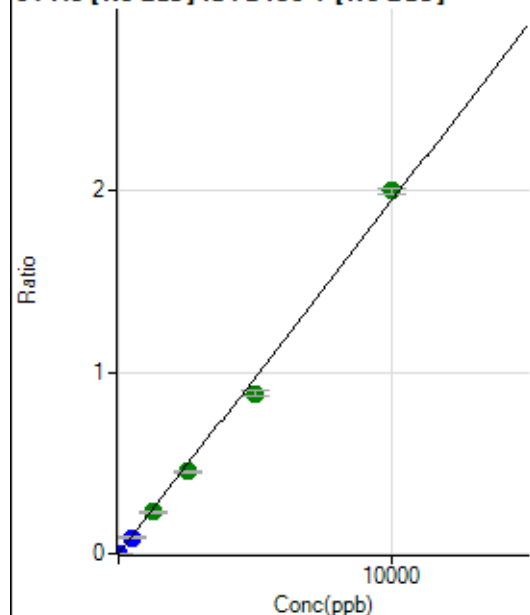
$$DL = 0.02659$$

$$BEC = 0.03965$$

Weight: <None>

Min Conc: <None>

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0000	P	4.2
2	☐	5.000	5.706	9492.07	0.0011	P	5.0
3	☐	500.000	463.059	759110.15	0.0899	P	3.0
4	☐	1250.000	1173.351	1877710.48	0.2278	A	1.5
5	☐	2500.000	2318.277	3596862.76	0.4502	A	2.5
6	☐	5000.000	4543.421	7328360.45	0.8822	A	2.8
7	☐	10000.000	10285.148	15838681.71	1.9971	A	1.4
8	☐			6941.72	0.0008	P	3.2

$$y = 1.9417E-004 * x + 2.3585E-005$$

$$R = 0.9983$$

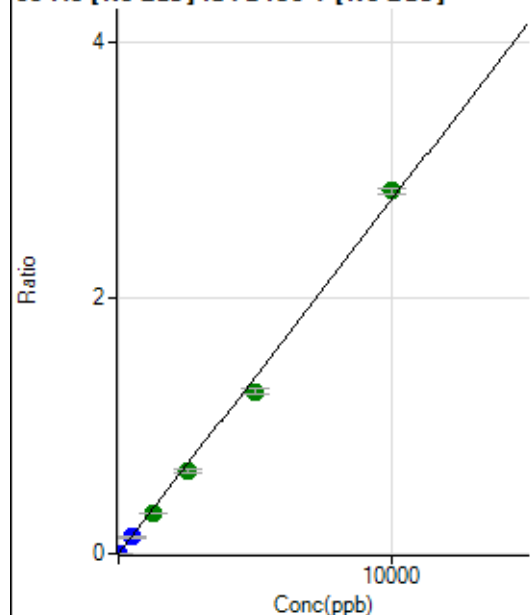
$$DL = 0.01547$$

$$BEC = 0.1215$$

Weight: <None>

Min Conc: <None>

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	165.56	0.0000	P	38.3
2	☐	5.000	4.951	11668.08	0.0014	P	0.2
3	☐	500.000	462.060	1080295.33	0.1280	P	2.5
4	☐	1250.000	1153.777	2633894.84	0.3195	A	0.9
5	☐	2500.000	2340.795	5179584.16	0.6483	A	2.9
6	☐	5000.000	4593.569	10566687.62	1.2721	A	3.6
7	☐	10000.000	10256.941	22527994.94	2.8405	A	1.7
8	☐			6803.87	0.0007	P	2.1

$$y = 2.7693E-004 * x + 1.9901E-005$$

$$R = 0.9987$$

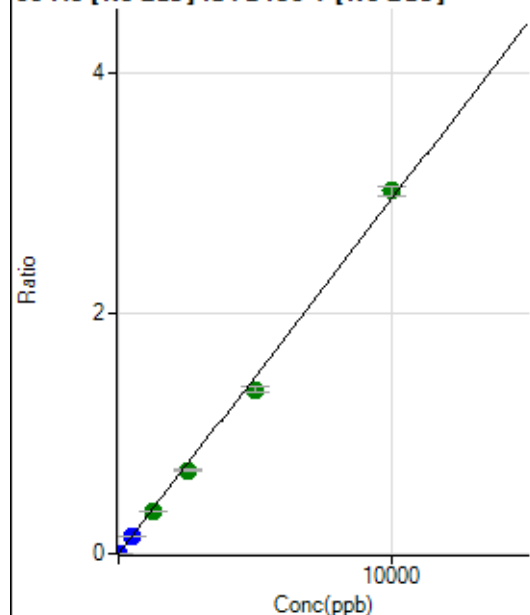
$$DL = 0.08247$$

$$BEC = 0.07186$$

Weight: <None>

Min Conc: <None>

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.11	0.0000	P	13.8
2	☐	5.000	5.021	12661.11	0.0015	P	1.5
3	☐	500.000	469.101	1167772.35	0.1384	P	3.3
4	☐	1250.000	1181.350	2871372.32	0.3484	A	0.7
5	☐	2500.000	2355.476	5549192.49	0.6946	A	3.7
6	☐	5000.000	4617.454	11309448.86	1.3616	A	3.4
7	☐	10000.000	10237.530	23941229.09	3.0187	A	2.8
8	☐			10670.65	0.0012	P	2.5

$$y = 2.9486\text{E-}004 * x + 2.8946\text{E-}005$$

$$R = 0.9988$$

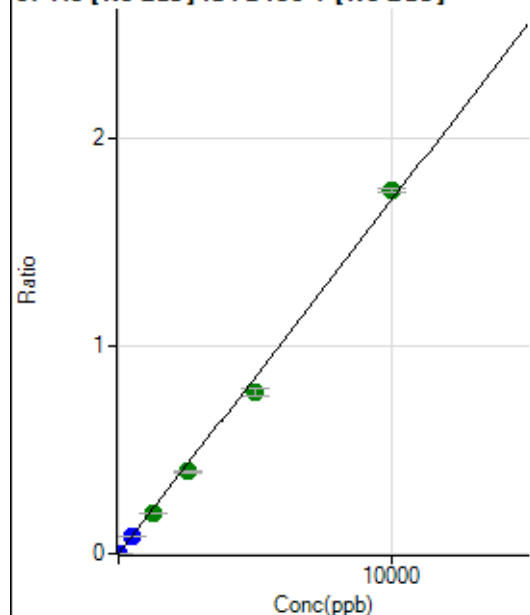
$$DL = 0.0407$$

$$BEC = 0.09817$$

Weight: <None>

Min Conc: <None>

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	22.0
2	☐	5.000	4.964	7189.61	0.0009	P	2.8
3	☐	500.000	468.394	672656.25	0.0797	P	2.4
4	☐	1250.000	1154.953	1619370.86	0.1965	A	0.6
5	☐	2500.000	2315.532	3147394.85	0.3939	A	2.4
6	☐	5000.000	4589.552	6484309.90	0.7807	A	4.7
7	☐	10000.000	10264.802	13847772.43	1.7460	A	1.2
8	☐			4163.97	0.0005	P	2.5

$$y = 1.7010\text{E-}004 * x + 1.2679\text{E-}005$$

$$R = 0.9986$$

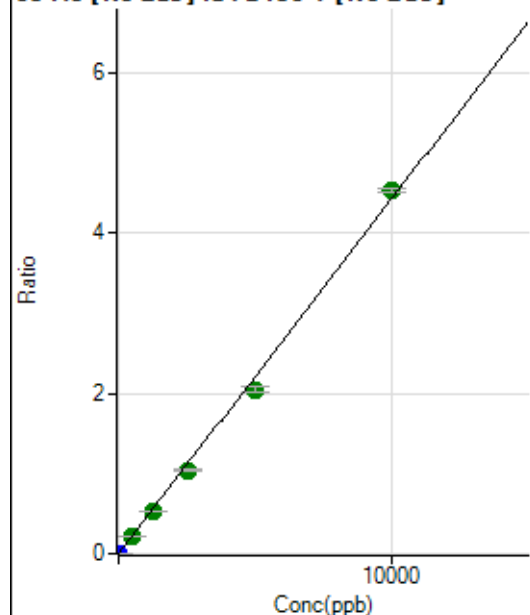
$$DL = 0.04921$$

$$BEC = 0.07454$$

Weight: <None>

Min Conc: <None>

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.67	0.0000	P	13.7
2	☐	5.000	5.027	18930.18	0.0023	P	1.6
3	☐	500.000	482.839	1802293.84	0.2135	A	1.9
4	☐	1250.000	1179.218	4297101.98	0.5214	A	0.9
5	☐	2500.000	2350.454	8304483.56	1.0392	A	1.2
6	☐	5000.000	4632.873	17014185.58	2.0482	A	3.1
7	☐	10000.000	10230.656	35871045.58	4.5230	A	1.2
8	☐			10470.52	0.0011	P	4.3

$$y = 4.4210E-004 * x + 3.4359E-005$$

$$R = 0.9989$$

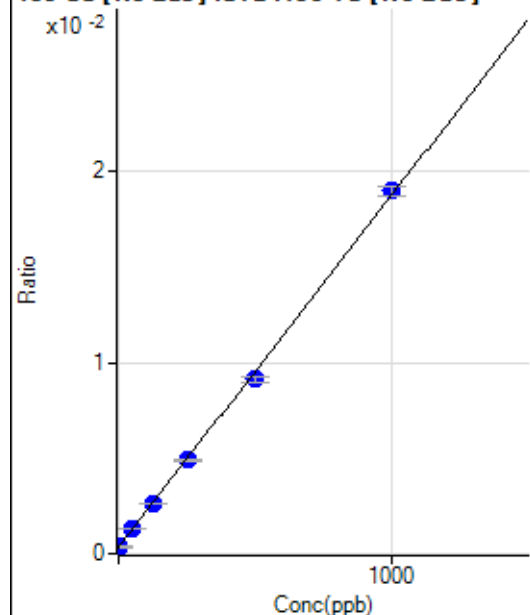
$$DL = 0.03203$$

$$BEC = 0.07772$$

Weight: <None>

Min Conc: <None>

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2227.97	0.0003	P	4.3
2	☐	1.000	0.769	2299.10	0.0004	P	6.6
3	☐	50.000	51.178	8487.00	0.0013	P	1.2
4	☐	125.000	123.531	16694.15	0.0026	P	0.9
5	☐	250.000	247.456	30449.85	0.0049	P	3.4
6	☐	500.000	476.132	59134.80	0.0091	P	3.5
7	☐	1000.000	1012.695	121756.28	0.0190	P	3.0
8	☐			2550.25	0.0004	P	3.9

$$y = 1.8394E-005 * x + 3.4132E-004$$

$$R = 0.9996$$

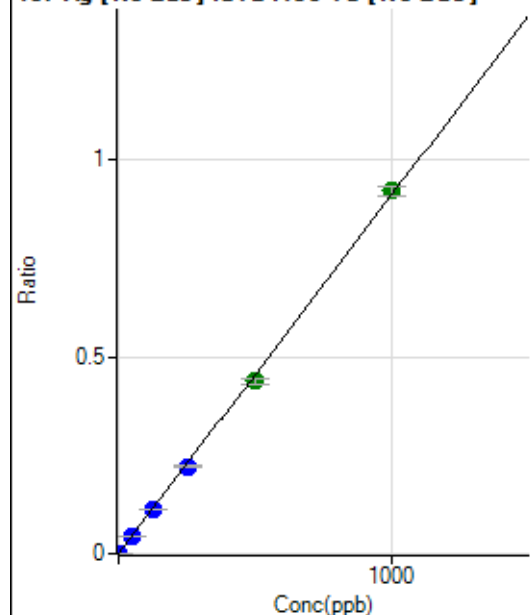
$$DL = 2.411$$

$$BEC = 18.56$$

Weight: <None>

Min Conc: <None>

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	9.6
2	☐	1.000	1.016	6102.46	0.0009	P	1.8
3	☐	50.000	48.904	294851.13	0.0446	P	0.6
4	☐	125.000	122.302	711613.29	0.1114	P	1.1
5	☐	250.000	241.802	1370863.23	0.2203	P	2.5
6	☐	500.000	481.126	2848197.84	0.4383	A	3.0
7	☐	1000.000	1011.879	5916709.63	0.9217	A	2.9
8	☐			1324.52	0.0002	P	5.2

$$y = 9.1086\text{E-}004 * x + 1.7867\text{E-}005$$

$$R = 0.9997$$

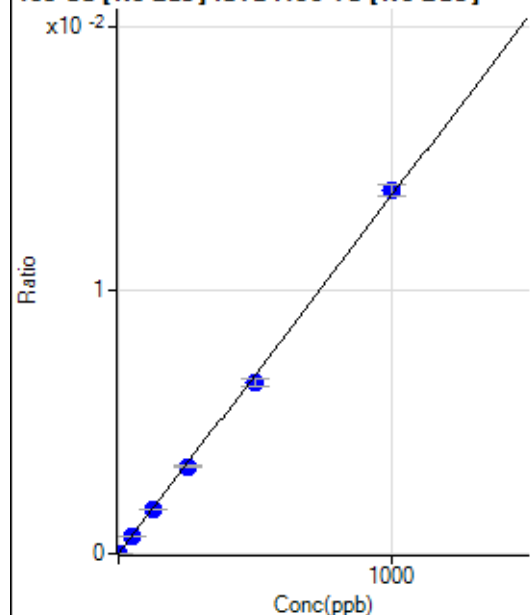
$$DL = 0.005631$$

$$BEC = 0.01962$$

Weight: <None>

Min Conc: <None>

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	66.0
2	☐	1.000	1.040	98.89	0.0000	P	13.2
3	☐	50.000	50.587	4548.54	0.0007	P	0.6
4	☐	125.000	121.861	10567.29	0.0017	P	1.6
5	☐	250.000	244.234	20630.34	0.0033	P	1.5
6	☐	500.000	476.273	41988.66	0.0065	P	4.7
7	☐	1000.000	1013.668	88268.56	0.0138	P	3.3
8	☐			75.55	0.0000	P	6.2

$$y = 1.3566\text{E-}005 * x + 1.1952\text{E-}006$$

$$R = 0.9996$$

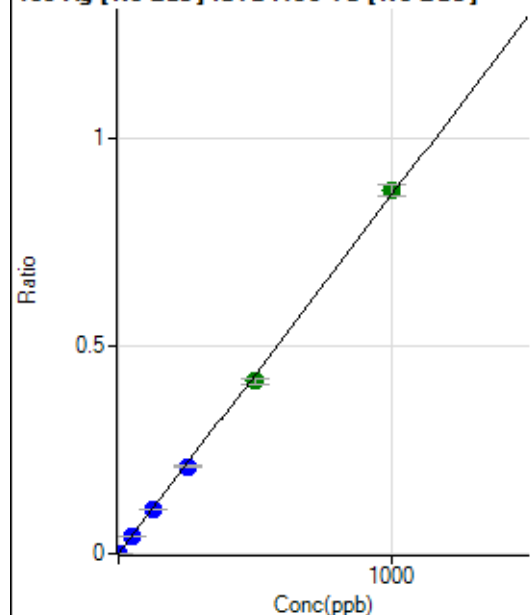
$$DL = 0.1746$$

$$BEC = 0.0881$$

Weight: <None>

Min Conc: <None>

109 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.22	0.0000	P	18.7
2	☐	1.000	0.997	5690.06	0.0009	P	4.6
3	☐	50.000	48.831	279256.04	0.0422	P	0.9
4	☐	125.000	121.374	669898.34	0.1049	P	0.8
5	☐	250.000	243.255	1308012.17	0.2102	P	2.7
6	☐	500.000	480.606	2698591.21	0.4152	A	2.9
7	☐	1000.000	1011.895	5611223.95	0.8742	A	3.1
8	☐			1190.06	0.0002	P	6.1

$$y = 8.6394\text{E-}004 * x + 1.8737\text{E-}005$$

$$R = 0.9997$$

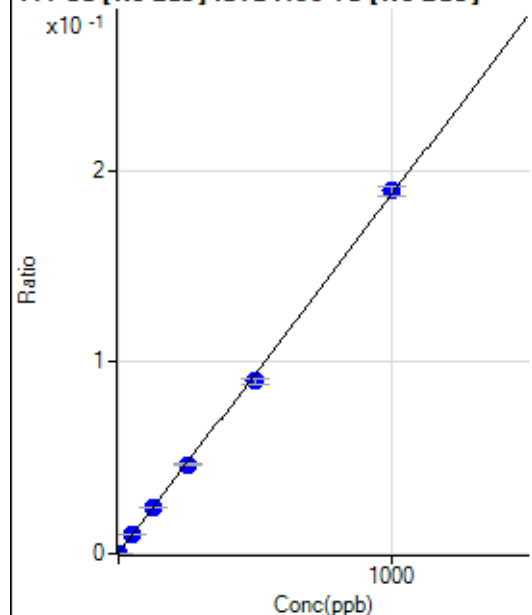
$$DL = 0.01216$$

$$BEC = 0.02169$$

Weight: <None>

Min Conc: <None>

111 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1565.25	0.0002	P	4.4
2	☐	1.000	1.114	2900.22	0.0004	P	5.5
3	☐	50.000	50.337	63946.96	0.0097	P	1.0
4	☐	125.000	124.941	150942.25	0.0236	P	0.2
5	☐	250.000	247.570	289990.90	0.0466	P	2.1
6	☐	500.000	479.730	585247.56	0.0901	P	3.9
7	☐	1000.000	1010.733	1216354.82	0.1895	P	2.6
8	☐			2192.30	0.0003	P	0.8

$$y = 1.8724\text{E-}004 * x + 2.3979\text{E-}004$$

$$R = 0.9997$$

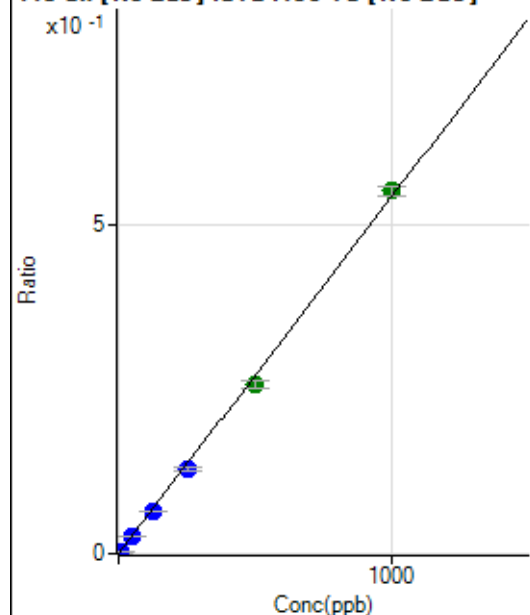
$$DL = 0.1703$$

$$BEC = 1.281$$

Weight: <None>

Min Conc: <None>

118 Sn [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	765.58	0.0001	P	7.4
2	☐	5.000	5.174	18929.25	0.0029	P	2.1
3	☐	50.000	47.912	172858.14	0.0261	P	0.4
4	☐	125.000	119.495	415072.91	0.0650	P	1.2
5	☐	250.000	237.232	802141.51	0.1289	P	2.9
6	☐	500.000	473.721	1671674.56	0.2573	A	4.5
7	☐	1000.000	1017.123	3544533.77	0.5522	A	3.0
8	☐			2693.61	0.0004	P	4.5

$$y = 5.4283\text{E-}004 * x + 1.1725\text{E-}004$$

$$R = 0.9994$$

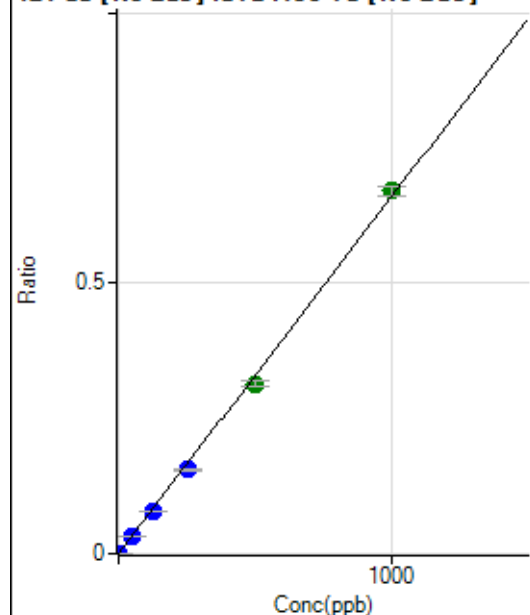
$$DL = 0.04763$$

$$BEC = 0.216$$

Weight: <None>

Min Conc: <None>

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.11	0.0000	P	40.2
2	☐	2.000	2.011	8632.67	0.0013	P	2.0
3	☐	50.000	47.397	207143.27	0.0313	P	1.8
4	☐	125.000	117.620	496152.07	0.0777	P	0.6
5	☐	250.000	235.214	966838.46	0.1553	P	1.7
6	☐	500.000	476.213	2043591.18	0.3145	A	4.0
7	☐	1000.000	1016.643	4309553.37	0.6714	A	2.7
8	☐			4267.33	0.0006	P	5.7

$$y = 6.6038\text{E-}004 * x + 6.2865\text{E-}006$$

$$R = 0.9995$$

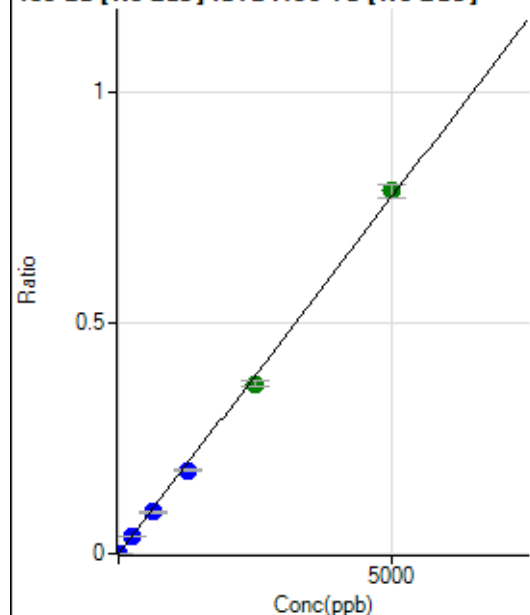
$$DL = 0.01148$$

$$BEC = 0.00952$$

Weight: <None>

Min Conc: <None>

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	13.9
2	☐	10.000	10.001	10032.50	0.0016	P	0.8
3	☐	250.000	234.015	239552.91	0.0362	P	2.0
4	☐	625.000	580.703	573792.08	0.0898	P	0.6
5	☐	1250.000	1165.112	1121823.57	0.1802	P	1.9
6	☐	2500.000	2378.914	2391617.25	0.3680	A	3.3
7	☐	5000.000	5088.101	5052534.13	0.7871	A	3.8
8	☐			9363.15	0.0013	P	1.2

$$y = 1.5470\text{E-}004 * x + 3.5737\text{E-}006$$

$$R = 0.9994$$

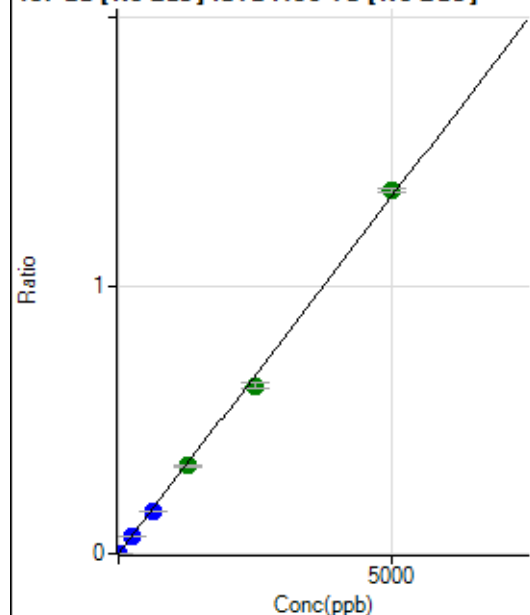
$$DL = 0.009604$$

$$BEC = 0.0231$$

Weight: <None>

Min Conc: <None>

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	16.2
2	☐	10.000	10.221	17632.16	0.0027	P	4.3
3	☐	250.000	236.100	415981.81	0.0629	P	0.8
4	☐	625.000	585.645	995994.11	0.1559	P	0.3
5	☐	1250.000	1227.038	2033383.34	0.3267	A	2.4
6	☐	2500.000	2353.019	4071255.53	0.6265	A	4.1
7	☐	5000.000	5084.845	8692853.34	1.3539	A	0.9
8	☐			16247.19	0.0023	P	3.2

$$y = 2.6626\text{E-}004 * x + 4.7661\text{E-}006$$

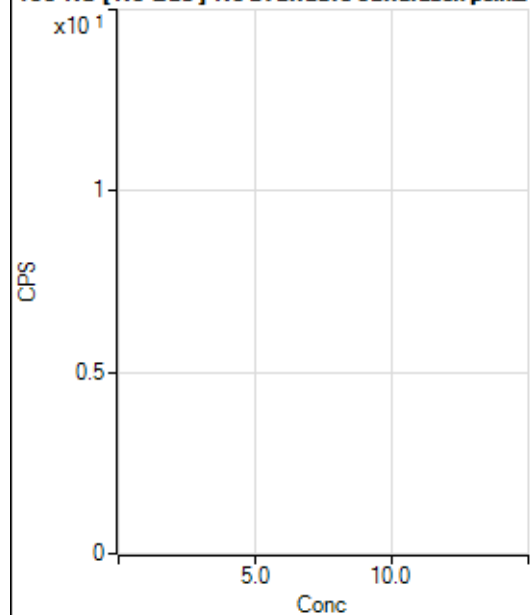
$$R = 0.9993$$

$$DL = 0.00872$$

$$BEC = 0.0179$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	100.
3	☐			15.56		P	12.4
4	☐			24.45		P	43.8
5	☐			37.78		P	18.4
6	☐			112.23		P	32.6
7	☐			210.00		P	18.3
8	☐			140.00		P	12.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	0.0
3	☐			7.78		P	89.2
4	☐			4.44		P	114.
5	☐			16.67		P	40.0
6	☐			38.89		P	34.6
7	☐			85.56		P	21.5
8	☐			76.67		P	19.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			6.67		P	132.
3	☐			14.44		P	81.1
4	☐			24.44		P	41.7
5	☐			33.33		P	43.6
6	☐			67.78		P	32.8
7	☐			106.67		P	5.4
8	☐			253.34		P	7.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	86.6
3	☐			20.00		P	44.1
4	☐			41.11		P	37.5
5	☐			93.33		P	38.6
6	☐			156.67		P	22.5
7	☐			357.79		P	1.1
8	☐			230.01		P	18.8

160 Gd [No Gas] Noavailable calibration poin...

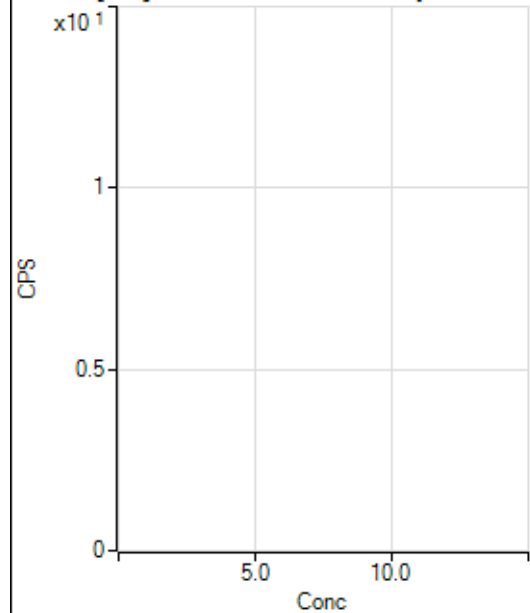
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	29.4
2	☐			45.56		P	18.4
3	☐			35.56		P	42.3
4	☐			57.78		P	6.7
5	☐			48.89		P	10.4
6	☐			73.33		P	9.1
7	☐			130.00		P	23.1
8	☐			344.45		P	7.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			411.12		P	12.6
2	☐			392.23		P	2.1
3	☐			416.68		P	12.1
4	☐			368.90		P	13.8
5	☐			358.90		P	6.2
6	☐			411.12		P	12.5
7	☐			434.46		P	6.2
8	☐			610.02		P	8.5

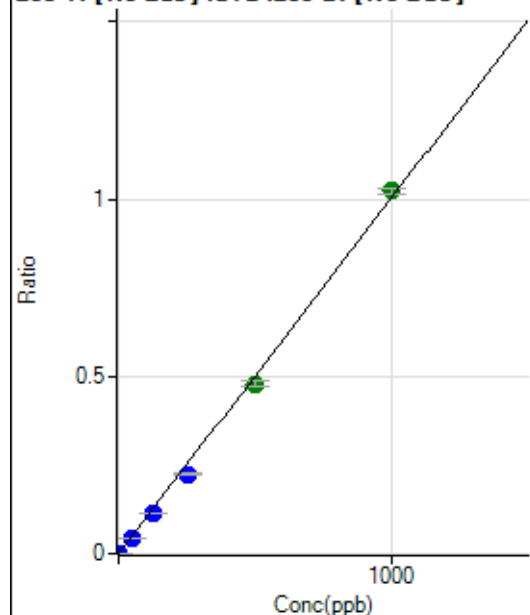
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	66.1
2	☐			36.67		P	15.7
3	☐			41.11		P	12.4
4	☐			47.78		P	26.4
5	☐			72.22		P	58.4
6	☐			113.34		P	17.9
7	☐			201.12		P	18.3
8	☐			567.80		P	6.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐			25.55		P	52.7
3	☐			26.67		P	90.1
4	☐			32.22		P	36.3
5	☐			50.00		P	13.3
6	☐			76.67		P	11.5
7	☐			118.89		P	12.6
8	☐			398.90		P	7.6

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0000	P	23.4
2	☐	1.000	0.966	4134.00	0.0010	P	1.7
3	☐	50.000	44.248	188150.69	0.0444	P	1.5
4	☐	125.000	113.360	458800.83	0.1138	P	2.7
5	☐	250.000	222.839	893504.91	0.2237	P	2.8
6	☐	500.000	477.447	1967632.35	0.4792	A	3.1
7	☐	1000.000	1019.809	4210556.29	1.0235	A	1.2
8	☐			5033.21	0.0012	P	1.0

$$y = 0.0010 * x + 2.1498E-005$$

$$R = 0.9992$$

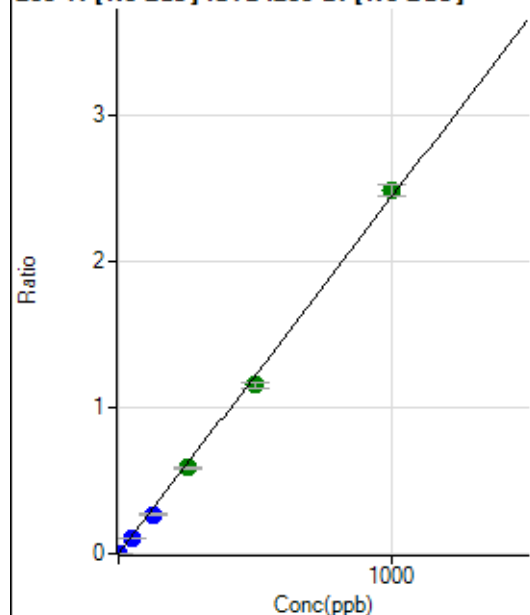
$$DL = 0.01505$$

$$BEC = 0.02142$$

Weight: <None>

Min Conc: <None>

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	242.23	0.0001	P	6.9
2	☐	1.000	0.955	9965.99	0.0024	P	3.3
3	☐	50.000	43.698	451744.61	0.1067	P	2.1
4	☐	125.000	110.507	1087433.04	0.2697	P	1.6
5	☐	250.000	240.827	2347603.42	0.5877	A	3.2
6	☐	500.000	473.535	4744358.61	1.1554	A	3.6
7	☐	1000.000	1017.652	10218509.92	2.4830	A	3.2
8	☐			11405.99	0.0027	P	3.2

$$y = 0.0024 * x + 5.9148E-005$$

$$R = 0.9994$$

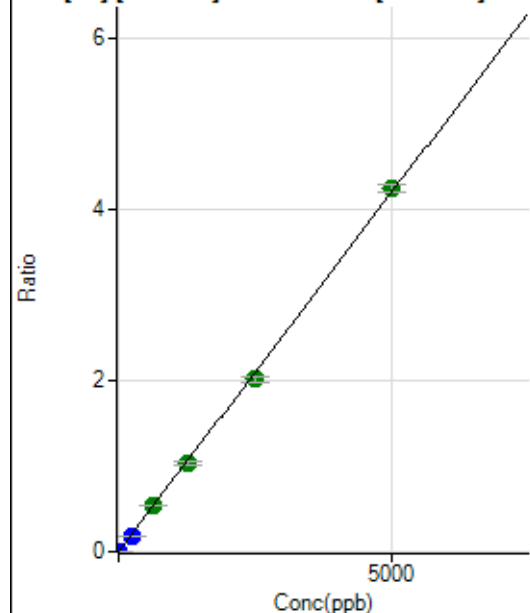
$$DL = 0.005047$$

$$BEC = 0.02424$$

Weight: <None>

Min Conc: <None>

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	384.45	0.0001	P	4.3
2	☐	1.000	1.058	4096.23	0.0010	P	2.2
3	☐	250.000	223.386	793840.84	0.1875	P	3.0
4	☐	625.000	640.552	2167142.78	0.5375	A	2.7
5	☐	1250.000	1235.605	4141098.00	1.0366	A	3.4
6	☐	2500.000	2403.452	8279313.35	2.0163	A	3.6
7	☐	5000.000	5051.259	17436333.49	4.2376	A	2.1
8	☐			5036.53	0.0012	P	2.9

$$y = 8.3890E-004 * x + 9.3879E-005$$

$$R = 0.9997$$

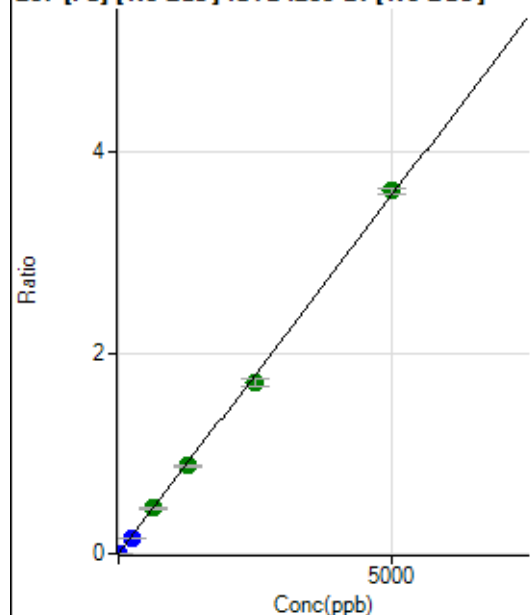
$$DL = 0.01453$$

$$BEC = 0.1119$$

Weight: <None>

Min Conc: <None>

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	326.67	0.0001	P	7.8
2	☐	1.000	1.014	3349.34	0.0008	P	1.5
3	☐	250.000	221.796	670229.46	0.1583	P	3.2
4	☐	625.000	632.106	1818469.42	0.4510	A	3.6
5	☐	1250.000	1229.127	3503449.84	0.8769	A	2.7
6	☐	2500.000	2378.413	6966714.69	1.6968	A	4.5
7	☐	5000.000	5066.534	14872173.25	3.6144	A	1.5
8	☐			4270.73	0.0010	P	1.6

$$y = 7.1338E-004 * x + 7.9644E-005$$

$$R = 0.9996$$

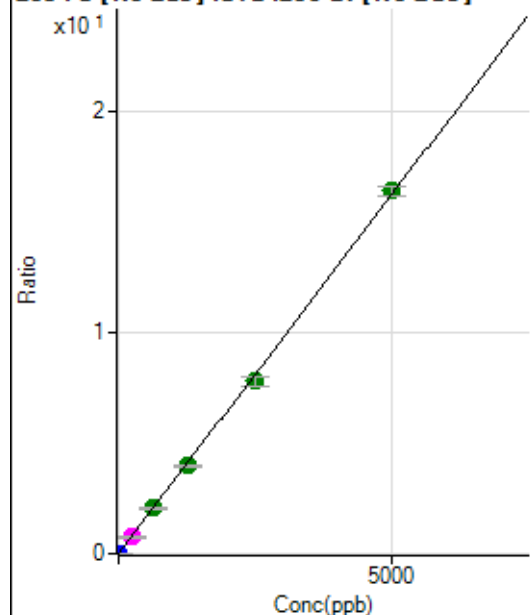
$$DL = 0.02619$$

$$BEC = 0.1116$$

Weight: <None>

Min Conc: <None>

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1522.27	0.0004	P	2.1
2	☐	1.000	1.038	15601.44	0.0037	P	2.6
3	☐	250.000	229.180	3152283.82	0.7443	M	3.2
4	☐	625.000	635.490	8318408.49	2.0631	A	3.2
5	☐	1250.000	1230.461	15958084.17	3.9943	A	2.5
6	☐	2500.000	2398.817	31970325.15	7.7867	A	4.6
7	☐	5000.000	5055.206	67520626.22	16.4090	A	2.7
8	☐			19483.42	0.0045	P	0.9

$$y = 0.0032 * x + 3.7149E-004$$

$$R = 0.9997$$

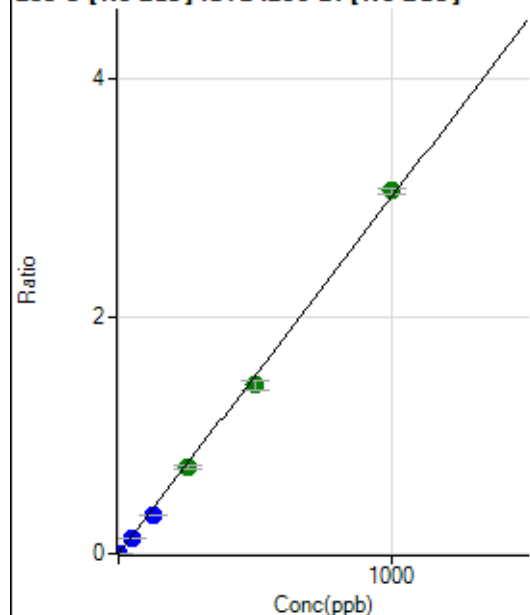
$$DL = 0.007244$$

$$BEC = 0.1144$$

Weight: <None>

Min Conc: <None>

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.8
2	☐	1.000	0.939	11792.21	0.0028	P	2.5
3	☐	50.000	42.985	546873.29	0.1292	P	2.3
4	☐	125.000	108.052	1309006.17	0.3246	P	1.9
5	☐	250.000	240.363	2884422.06	0.7222	A	4.4
6	☐	500.000	474.079	5847575.75	1.4243	A	5.5
7	☐	1000.000	1017.839	12582888.91	3.0580	A	1.8
8	☐			672.25	0.0002	P	2.0

$$y = 0.0030 * x + 5.4494E-006$$

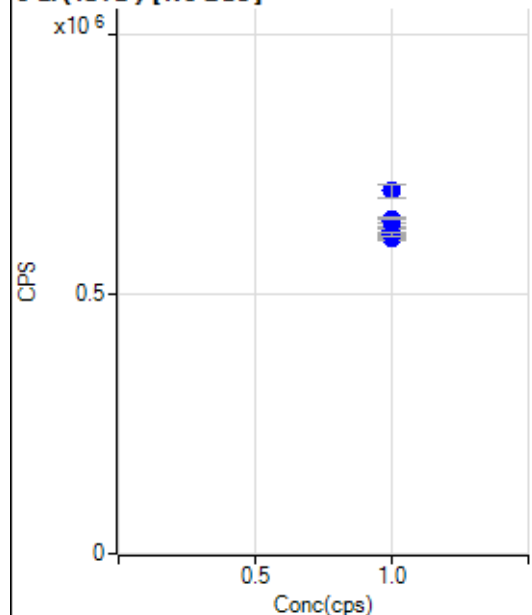
$$R = 0.9994$$

$$DL = 0.003144$$

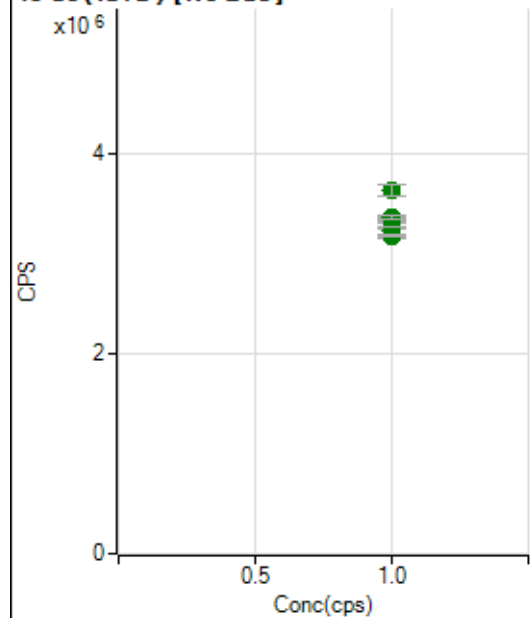
$$BEC = 0.001814$$

Weight: <None>

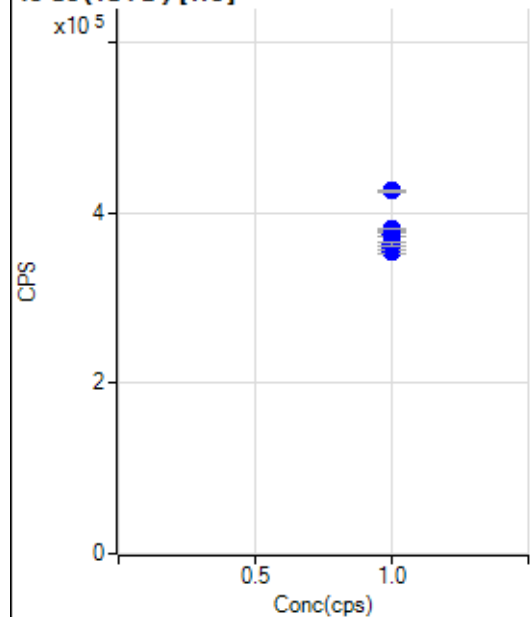
Min Conc: <None>

6 Li (ISTD) [No Gas]

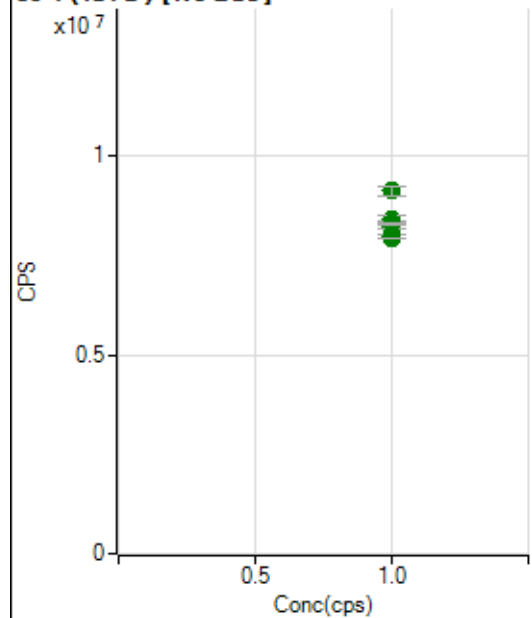
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		628535.53		P	0.5
2	☐	1.000		640741.70		P	1.0
3	☐	1.000		645408.15		P	0.5
4	☐	1.000		611205.15		P	1.1
5	☐	1.000		605528.99		P	1.1
6	☐	1.000		620593.05		P	1.8
7	☐	1.000		614437.96		P	1.1
8	☐	1.000		698333.95		P	3.4

45 Sc (ISTD) [No Gas]

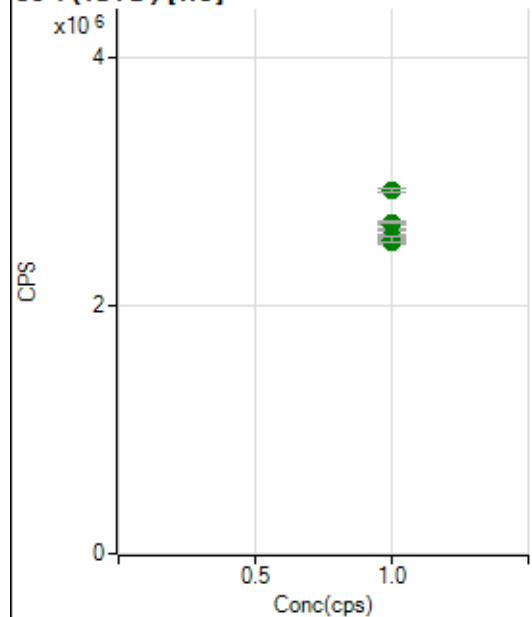
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3353662.24		A	2.1
2	☐	1.000		3348346.34		A	0.6
3	☐	1.000		3369437.34		A	1.6
4	☐	1.000		3248006.10		A	0.3
5	☐	1.000		3167177.97		A	0.7
6	☐	1.000		3240704.78		A	2.4
7	☐	1.000		3184545.96		A	0.1
8	☐	1.000		3630405.99		A	3.3

45 Sc (ISTD) [He]

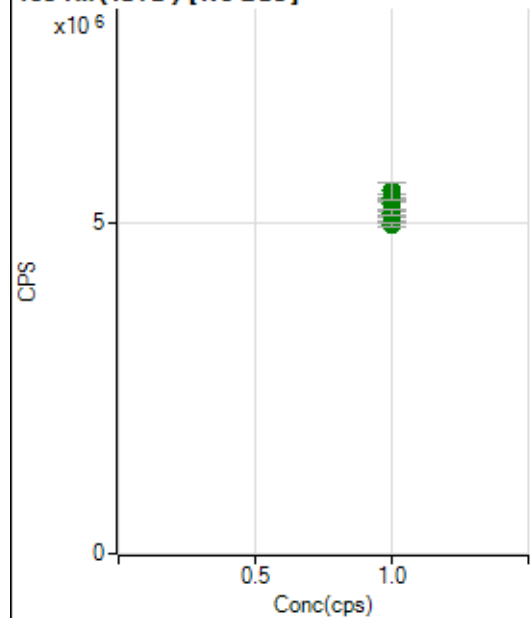
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		375391.13		P	0.9
2	☐	1.000		377956.72		P	0.3
3	☐	1.000		381402.40		P	0.3
4	☐	1.000		361991.25		P	0.2
5	☐	1.000		354620.33		P	0.8
6	☐	1.000		359791.56		P	1.2
7	☐	1.000		363164.97		P	1.5
8	☐	1.000		426092.65		P	0.6

89 Y (ISTD) [No Gas]

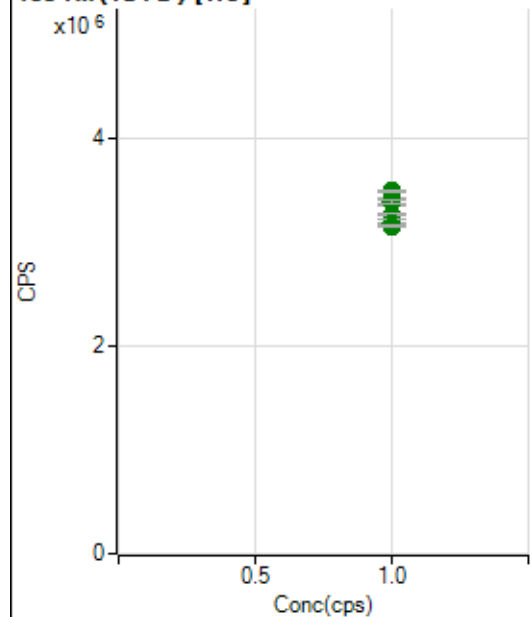
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8336728.55		A	0.9
2	☐	1.000		8388487.38		A	0.2
3	☐	1.000		8443245.85		A	1.5
4	☐	1.000		8241954.04		A	1.6
5	☐	1.000		7992337.87		A	1.6
6	☐	1.000		8308086.05		A	0.9
7	☐	1.000		7930846.76		A	0.4
8	☐	1.000		9133928.96		A	2.9

89 Y(ISTD) [He]

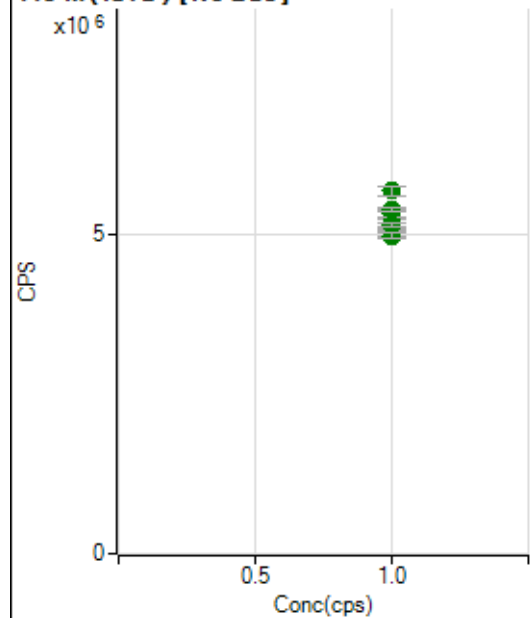
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2624817.56		A	2.1
2	☐	1.000		2643706.19		A	2.3
3	☐	1.000		2667664.67		A	0.5
4	☐	1.000		2555555.83		A	1.0
5	☐	1.000		2512475.09		A	1.2
6	☐	1.000		2529445.45		A	1.4
7	☐	1.000		2531140.86		A	1.6
8	☐	1.000		2923877.80		A	1.1

103 Rh(ISTD) [No Gas]

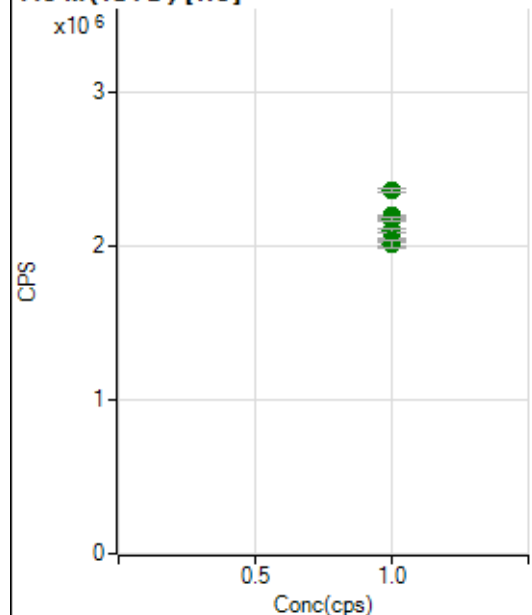
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5288922.56		A	3.9
2	☐	1.000		5387589.92		A	2.0
3	☐	1.000		5356336.41		A	0.3
4	☐	1.000		5154089.23		A	2.0
5	☐	1.000		5022665.55		A	0.7
6	☐	1.000		5161984.54		A	1.8
7	☐	1.000		4989920.72		A	1.4
8	☐	1.000		5497088.25		A	4.5

103 Rh (ISTD) [He]

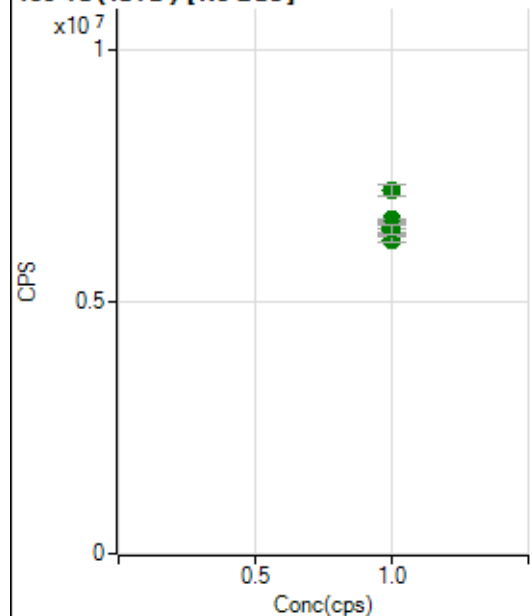
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3417882.90		A	0.9
2	☐	1.000		3383219.88		A	1.6
3	☐	1.000		3389506.79		A	1.0
4	☐	1.000		3268300.12		A	0.5
5	☐	1.000		3167533.32		A	0.8
6	☐	1.000		3189335.89		A	1.9
7	☐	1.000		3156322.07		A	1.0
8	☐	1.000		3494069.11		A	0.7

115 In (ISTD) [No Gas]

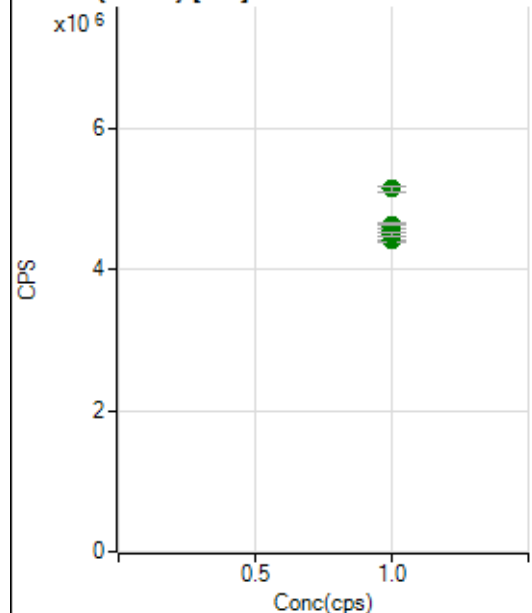
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5326329.24		A	2.9
2	☐	1.000		5267988.56		A	0.2
3	☐	1.000		5397304.58		A	1.1
4	☐	1.000		5122158.97		A	0.6
5	☐	1.000		5032597.83		A	1.9
6	☐	1.000		5160188.52		A	1.1
7	☐	1.000		4985485.20		A	1.8
8	☐	1.000		5690295.23		A	2.4

115 In (ISTD) [He]

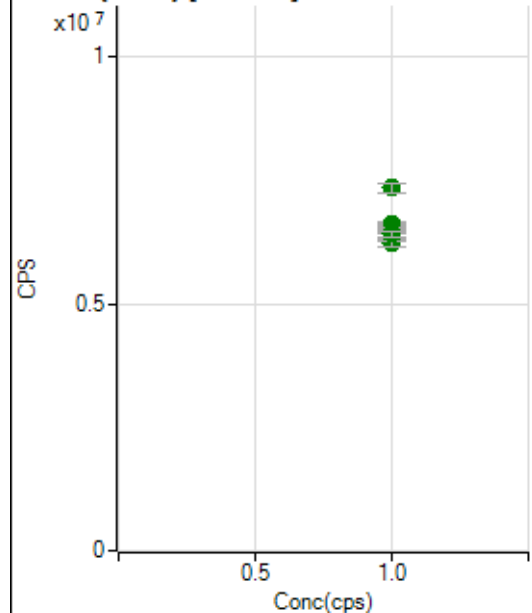
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2179971.50		A	0.7
2	☐	1.000		2196893.63		A	0.8
3	☐	1.000		2177201.63		A	0.9
4	☐	1.000		2103541.71		A	1.1
5	☐	1.000		2017910.40		A	1.5
6	☐	1.000		2041866.96		A	1.4
7	☐	1.000		2012647.23		A	2.9
8	☐	1.000		2360247.32		A	1.0

159 Tb (ISTD) [No Gas]

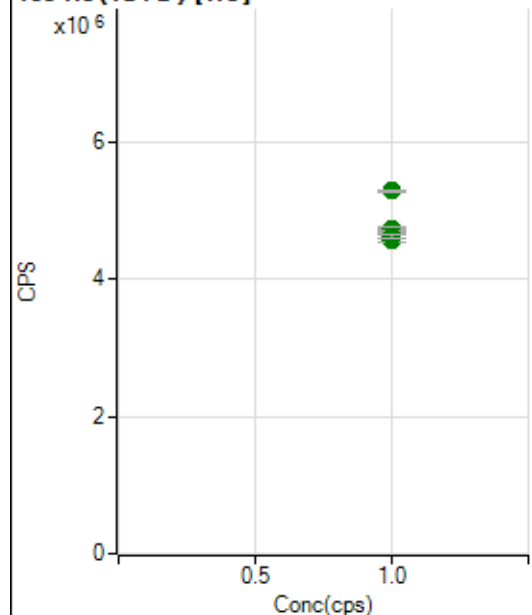
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6526903.93		A	0.7
2	☐	1.000		6470403.93		A	1.5
3	☐	1.000		6616614.07		A	0.3
4	☐	1.000		6386971.43		A	1.3
5	☐	1.000		6225314.07		A	1.7
6	☐	1.000		6501191.85		A	1.7
7	☐	1.000		6421458.58		A	2.5
8	☐	1.000		7187791.77		A	3.3

159 Tb (ISTD) [He]

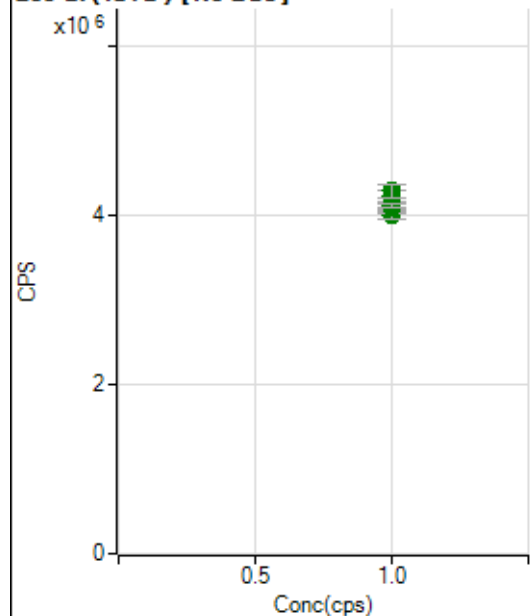
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4597110.21		A	1.3
2	☐	1.000		4555124.90		A	1.1
3	☐	1.000		4640441.28		A	0.5
4	☐	1.000		4411956.53		A	0.7
5	☐	1.000		4400089.41		A	0.6
6	☐	1.000		4425413.37		A	2.0
7	☐	1.000		4487258.58		A	1.4
8	☐	1.000		5139953.32		A	1.5

165 Ho (ISTD) [No Gas]

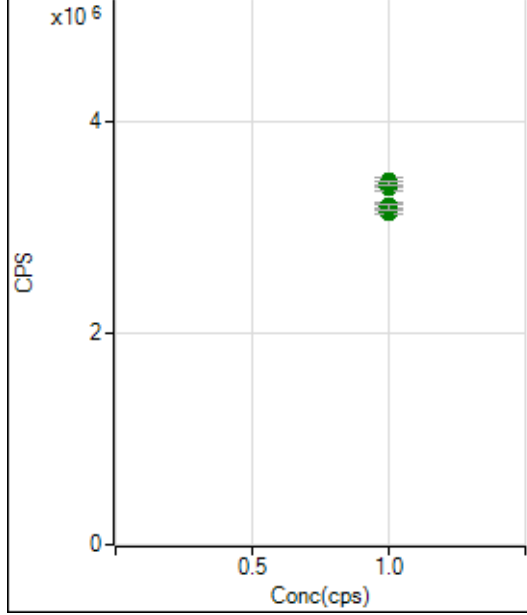
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6520518.10		A	2.6
2	☐	1.000		6593726.29		A	1.8
3	☐	1.000		6614098.37		A	0.8
4	☐	1.000		6359404.00		A	1.9
5	☐	1.000		6229241.85		A	1.9
6	☐	1.000		6531015.53		A	0.4
7	☐	1.000		6412901.08		A	1.9
8	☐	1.000		7352840.44		A	2.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4734975.86		A	1.0
2	☐	1.000		4687960.17		A	1.2
3	☐	1.000		4721447.50		A	1.0
4	☐	1.000		4549283.23		A	1.3
5	☐	1.000		4560727.40		A	0.9
6	☐	1.000		4588070.07		A	2.7
7	☐	1.000		4607749.44		A	1.3
8	☐	1.000		5278964.02		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4097230.60		A	2.4
2	☐	1.000		4172119.14		A	1.5
3	☐	1.000		4236081.32		A	2.8
4	☐	1.000		4032380.43		A	0.5
5	☐	1.000		3996354.91		A	1.8
6	☐	1.000		4107324.45		A	1.2
7	☐	1.000		4114317.30		A	1.3
8	☐	1.000		4295305.35		A	3.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3403358.56		A	1.7
2	☐	1.000		3427902.86		A	2.3
3	☐	1.000		3373840.19		A	1.6
4	☐	1.000		3197866.52		A	1.3
5	☐	1.000		3151623.57		A	1.2
6	☐	1.000		3197361.38		A	2.0
7	☐	1.000		3196695.40		A	1.7
8	☐	1.000		3413535.68		A	1.3