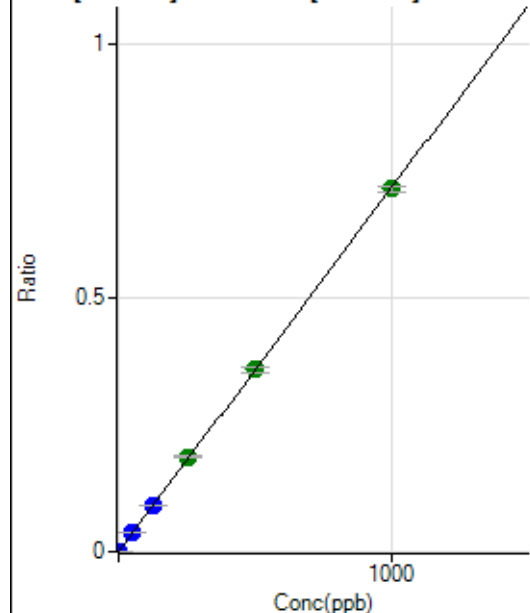


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020625MS.b\
 Analysis File: P8020625MS.batch.bin
 DA Date-Time: 2025-02-06 19:18:37
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-06 12:08:54
2	005CALS.d	S02	2025-02-06 12:12:13
3	006CALB.d	S03	2025-02-06 12:15:34
4	007CALS.d	S04	2025-02-06 12:18:35
5	008CALS.d	S05	2025-02-06 12:21:31
6	009CALS.d	S06	2025-02-06 12:24:18
7	010CALS.d	S07	2025-02-06 12:27:05
8	011CALS.d	S08	2025-02-06 12:29:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	299.55	0.0000	P	5.7
2	☐	1.000	1.105	7601.02	0.0008	P	0.6
3	☐	50.000	50.575	325755.46	0.0363	P	1.3
4	☐	125.000	125.563	807230.92	0.0901	P	1.6
5	☐	250.000	260.917	1646635.43	0.1871	A	0.5
6	☐	500.000	500.895	3065868.83	0.3592	A	3.1
7	☐	1000.000	996.724	5979788.32	0.7148	A	1.6
8	☐			2023.23	0.0003	P	11.1

$$y = 7.1714\text{E-}004 * x + 3.3052\text{E-}005$$

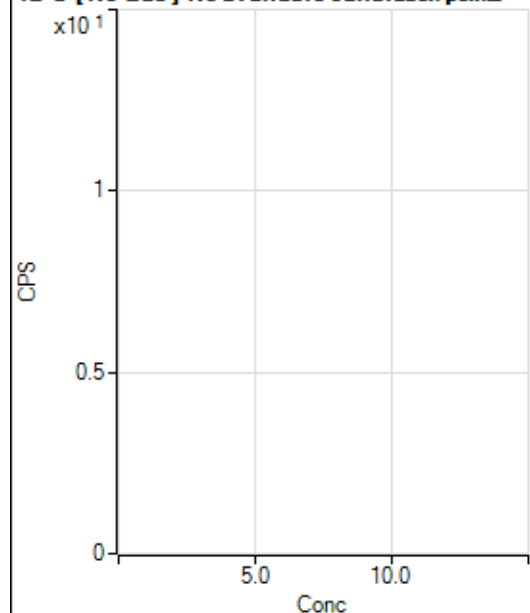
$$R = 0.9999$$

$$DL = 0.007867$$

$$BEC = 0.04609$$

Weight: <None>

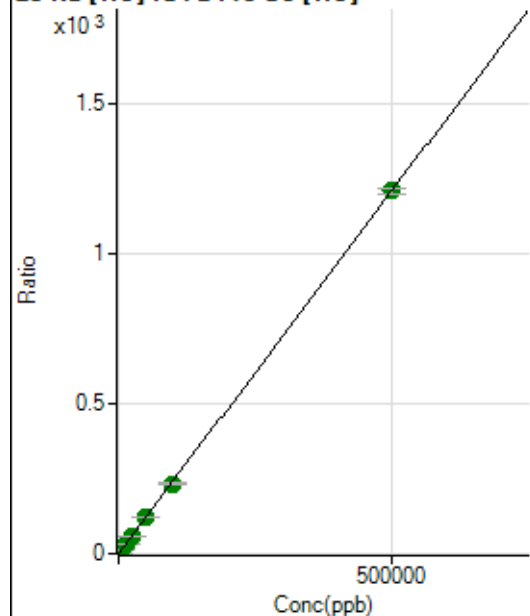
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6492331.71		A	0.7
2	☐			6780051.43		A	0.7
3	☐			6653098.58		A	1.2
4	☐			6841966.70		A	0.5
5	☐			7057636.77		A	0.6
6	☐			7200802.81		A	2.1
7	☐			8096407.59		A	2.2
8	☐			7003234.76		A	0.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42841.20		P	0.9
2	☐			44617.46		P	0.3
3	☐			43829.54		P	0.7
4	☐			45526.89		P	1.0
5	☐			47830.88		P	0.7
6	☐			49713.77		P	1.3
7	☐			57866.65		P	0.4
8	☐			61869.36		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55760.32	0.2382	P	0.6
2	☐	500.000	521.089	349842.29	1.4970	P	0.3
3	☐	5000.000	4951.978	2822057.88	12.2014	A	1.9
4	☐	12500.000	12372.251	6956311.28	30.1275	A	0.7
5	☐	25000.000	24836.823	13768986.32	60.2399	A	0.5
6	☐	50000.000	50354.134	26222550.72	121.8856	A	0.4
7	☐	100000.00	96513.484	51640965.34	233.3991	A	1.1
8	☐	500000.00	500673.70	248800967.4	1,209.784	A	1.9

$$y = 0.0024 * x + 0.2382$$

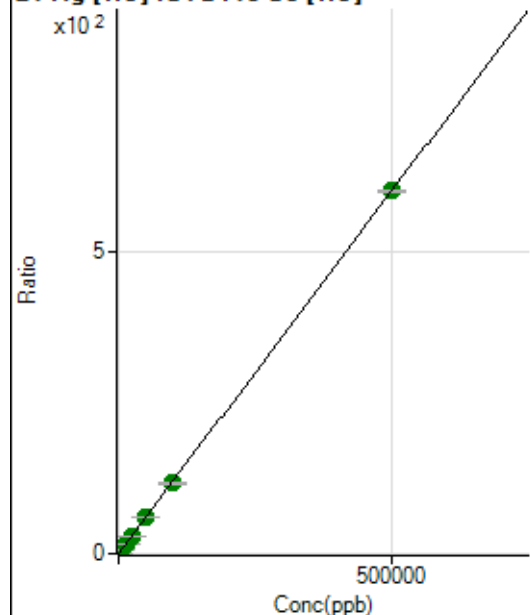
$$R = 1.0000$$

$$DL = 1.699$$

$$BEC = 98.59$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4650.78	0.0199	P	2.6
2	☐	500.000	534.109	154607.72	0.6616	P	0.1
3	☐	5000.000	5034.854	1403842.83	6.0693	A	1.4
4	☐	12500.000	12614.920	3504109.32	15.1768	A	0.6
5	☐	25000.000	25091.272	6895103.51	30.1672	A	0.5
6	☐	50000.000	50833.316	13143176.75	61.0964	A	0.5
7	☐	100000.00	97128.939	25824302.67	116.7208	A	1.4
8	☐	500000.00	500483.06	123685942.6	601.3531	A	0.3

$$y = 0.0012 * x + 0.0199$$

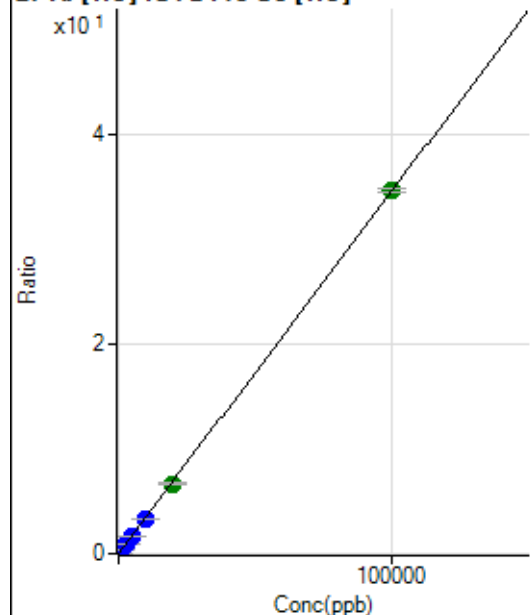
$$R = 1.0000$$

$$DL = 1.277$$

$$BEC = 16.53$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0003	P	23.6
2	☐	20.000	20.337	1722.34	0.0074	P	2.1
3	☐	1000.000	958.242	76785.46	0.3320	P	2.2
4	☐	2500.000	2402.443	192068.14	0.8319	P	0.3
5	☐	5000.000	4822.560	381570.92	1.6695	P	0.7
6	☐	10000.000	9741.780	725378.44	3.3721	P	1.1
7	☐	20000.000	19343.237	1481358.52	6.6953	A	0.9
8	☐	100000.00	100168.90	7130685.38	34.6704	A	1.1

$$y = 3.4612E-004 * x + 3.3179E-004$$

$$R = 1.0000$$

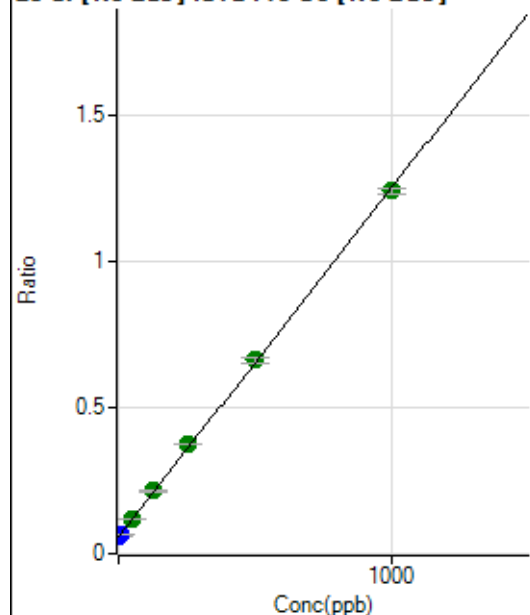
$$DL = 0.6799$$

$$BEC = 0.9586$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	649404.83	0.0569	P	2.1
2	☐	10.000	7.787	744095.66	0.0662	P	0.6
3	☐	50.000	52.460	1330772.59	0.1195	A	0.6
4	☐	125.000	132.061	2365208.98	0.2145	A	1.6
5	☐	250.000	265.033	4064727.09	0.3732	A	0.6
6	☐	500.000	507.374	7128445.59	0.6625	A	3.0
7	☐	1000.000	991.571	13161651.47	1.2405	A	1.3
8	☐			810986.71	0.0842	P	1.1

$$y = 0.0012 * x + 0.0569$$

$$R = 0.9998$$

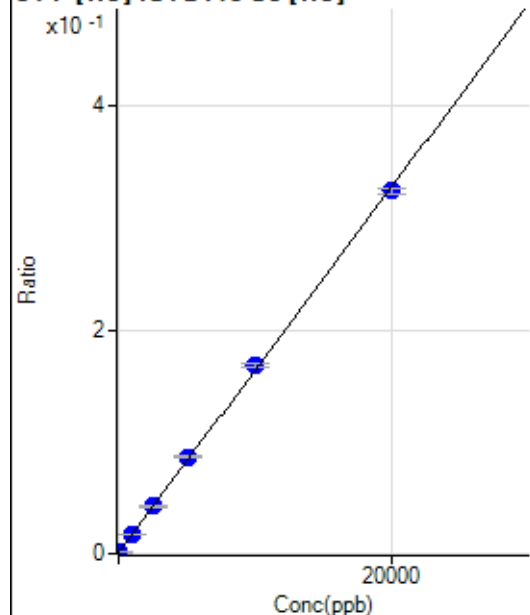
$$DL = 2.998$$

$$BEC = 47.64$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.210	110.00	0.0005	P	21.6
2	☐	0.000	18.210	248.89	0.0011	P	12.5
3	☐	1000.000	1010.216	3995.04	0.0173	P	6.8
4	☐	2500.000	2533.847	9735.56	0.0422	P	1.4
5	☐	5000.000	5252.014	19789.14	0.0866	P	1.4
6	☐	10000.000	10268.387	36251.89	0.1685	P	1.6
7	☐	20000.000	19798.061	71736.05	0.3242	P	1.3
8	☐			111.11	0.0005	P	22.0

$$y = 1.6338E-005 * x + 7.6787E-004$$

$$R = 0.9998$$

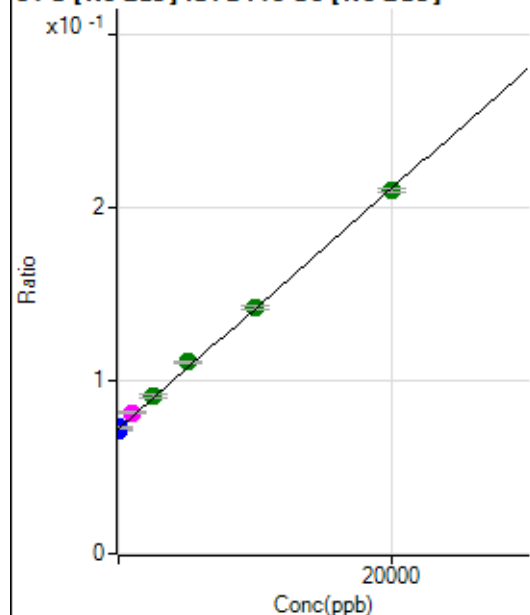
$$DL = 21.59$$

$$BEC = 47$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-85.005	819535.25	0.0718	P	2.4
2	☐	0.000	85.005	820440.18	0.0730	P	0.9
3	☐	1000.000	1299.045	906511.04	0.0814	M	1.2
4	☐	2500.000	2756.900	1009217.73	0.0915	A	2.0
5	☐	5000.000	5535.280	1207156.98	0.1109	A	1.6
6	☐	10000.000	10066.160	1532039.70	0.1424	A	1.8
7	☐	20000.000	19786.035	2227605.89	0.2099	A	1.1
8	☐			665329.30	0.0691	P	2.3

$$y = 6.9536E-006 * x + 0.0724$$

$$R = 0.9995$$

$$DL = 506.2$$

$$BEC = 1.041E+04$$

Weight: <None>

Min Conc: 0

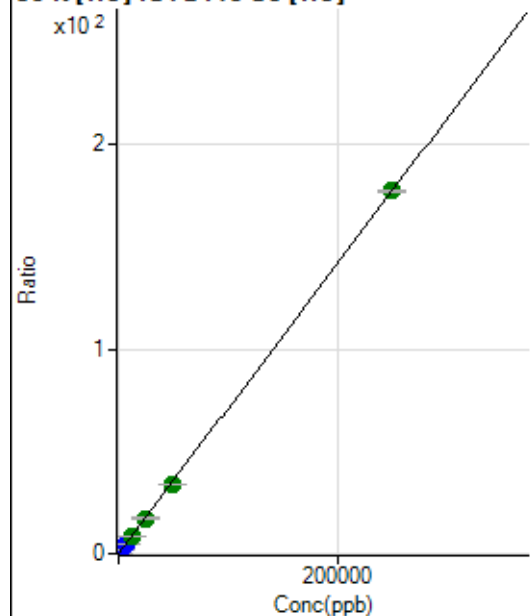
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			167891.88		P	0.4
2	☐			169064.32		P	0.9
3	☐			163879.92		P	0.5
4	☐			164354.36		P	0.5
5	☐			171655.02		P	0.4
6	☐			175272.29		P	0.5
7	☐			197625.40		P	1.5
8	☐			156089.64		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			690.02		P	7.8
2	☐			717.81		P	9.8
3	☐			686.69		P	5.1
4	☐			700.03		P	6.4
5	☐			713.36		P	7.3
6	☐			726.69		P	2.9
7	☐			876.70		P	4.9
8	☐			691.14		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13211.70	0.0564	P	1.3
2	☐	500.000	508.771	97328.29	0.4165	P	0.7
3	☐	2500.000	2369.609	400974.09	1.7334	P	0.7
4	☐	6250.000	5988.420	991539.96	4.2945	P	0.8
5	☐	12500.000	12363.353	2012754.64	8.8062	A	1.5
6	☐	25000.000	24429.184	3731054.67	17.3454	A	1.5
7	☐	50000.000	47709.475	7483021.42	33.8212	A	1.2
8	☐	250000.00	250529.84	36479288.07	177.3607	A	0.4

$$y = 7.0772E-004 * x + 0.0564$$

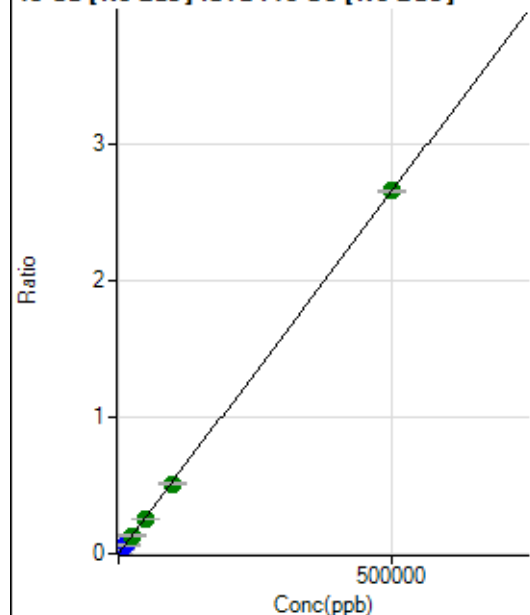
$$R = 1.0000$$

$$DL = 3.228$$

$$BEC = 79.73$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	690.02	0.0001	P	4.2
2	☐	500.000	518.193	31534.58	0.0028	P	1.1
3	☐	5000.000	4786.836	282942.43	0.0254	P	1.1
4	☐	12500.000	12036.520	703282.84	0.0638	P	2.5
5	☐	25000.000	25094.048	1447565.15	0.1329	A	1.3
6	☐	50000.000	48032.999	2736593.88	0.2544	A	4.1
7	☐	100000.00	96259.368	5408626.03	0.5097	A	1.4
8	☐	500000.00	500953.82	25543196.01	2.6525	A	0.7

$$y = 5.2947\text{E-}006 * x + 6.0374\text{E-}005$$

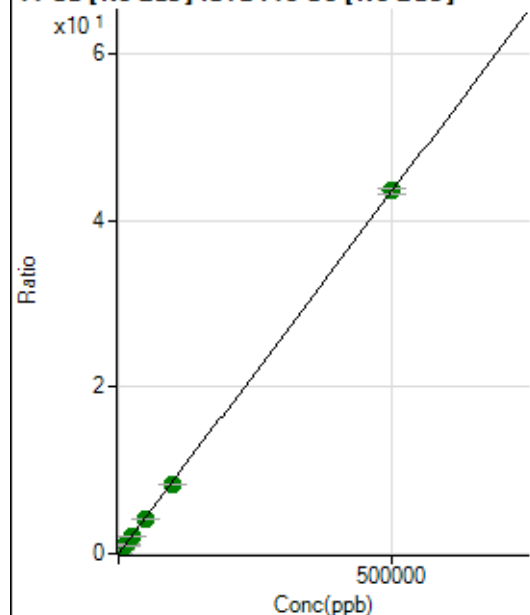
$$R = 1.0000$$

$$DL = 1.451$$

$$BEC = 11.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34224.02	0.0030	P	1.5
2	☐	500.000	510.497	532926.39	0.0474	P	1.0
3	☐	5000.000	4752.829	4636360.49	0.4163	A	0.5
4	☐	12500.000	11950.698	11491016.08	1.0422	A	2.0
5	☐	25000.000	24363.907	23105687.71	2.1216	A	1.5
6	☐	50000.000	47208.658	44206963.79	4.1082	A	2.5
7	☐	100000.00	95505.588	88153443.13	8.3080	A	0.8
8	☐	500000.00	501226.01	419745478.1	43.5889	A	1.3

$$y = 8.6959\text{E-}005 * x + 0.0030$$

$$R = 0.9999$$

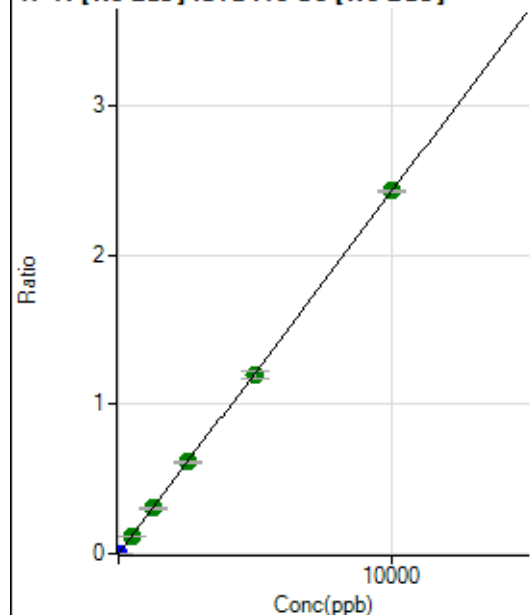
$$DL = 1.565$$

$$BEC = 34.46$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	246.67	0.0000	P	1.9
2	☐	5.000	5.314	14716.55	0.0013	P	1.7
3	☐	500.000	498.276	1344304.79	0.1207	A	1.6
4	☐	1250.000	1251.929	3343781.55	0.3032	A	1.7
5	☐	2500.000	2534.076	6684766.36	0.6138	A	1.3
6	☐	5000.000	4942.644	12880212.45	1.1972	A	3.4
7	☐	10000.000	10020.004	25751142.12	2.4269	A	0.3
8	☐			3381.55	0.0004	P	6.8

$$y = 2.4221\text{E-}004 * x + 2.1592\text{E-}005$$

$$R = 1.0000$$

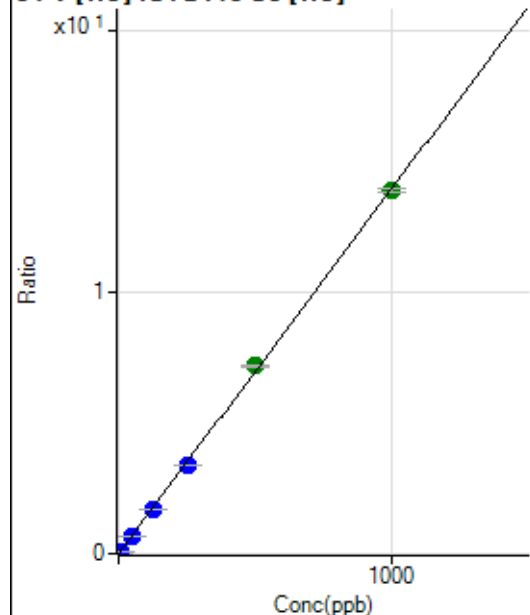
$$DL = 0.005208$$

$$BEC = 0.08915$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.3
2	☐	5.000	5.249	17095.88	0.0732	P	2.8
3	☐	50.000	47.997	154668.62	0.6687	P	1.8
4	☐	125.000	120.733	388370.26	1.6821	P	0.4
5	☐	250.000	243.612	775720.42	3.3940	P	0.8
6	☐	500.000	514.457	1541841.30	7.1675	A	1.1
7	☐	1000.000	995.001	3067117.63	13.8624	A	0.9
8	☐			821.14	0.0040	P	7.0

$$y = 0.0139 * x + 2.8398\text{E-}005$$

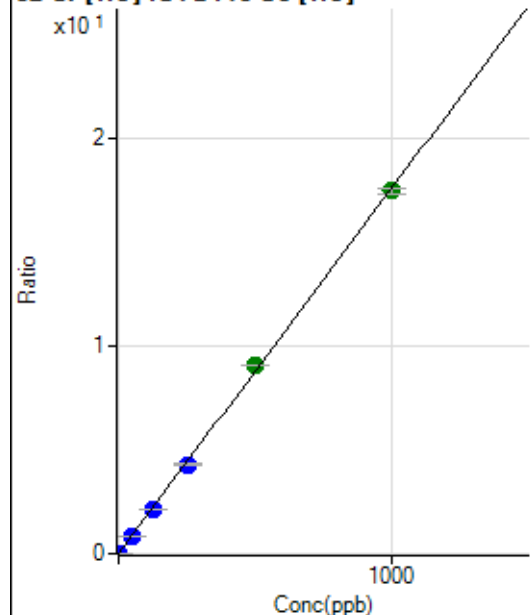
$$R = 0.9998$$

$$DL = 0.003017$$

$$BEC = 0.002038$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1676.78	0.0072	P	4.8
2	☐	2.000	2.097	10296.00	0.0441	P	2.4
3	☐	50.000	48.670	199693.88	0.8633	P	1.1
4	☐	125.000	121.497	495134.91	2.1445	P	0.3
5	☐	250.000	244.524	984774.30	4.3087	P	0.6
6	☐	500.000	516.772	1957243.77	9.0979	A	0.1
7	☐	1000.000	993.487	3868422.75	17.4839	A	1.8
8	☐			9464.32	0.0460	P	2.6

$$y = 0.0176 * x + 0.0072$$

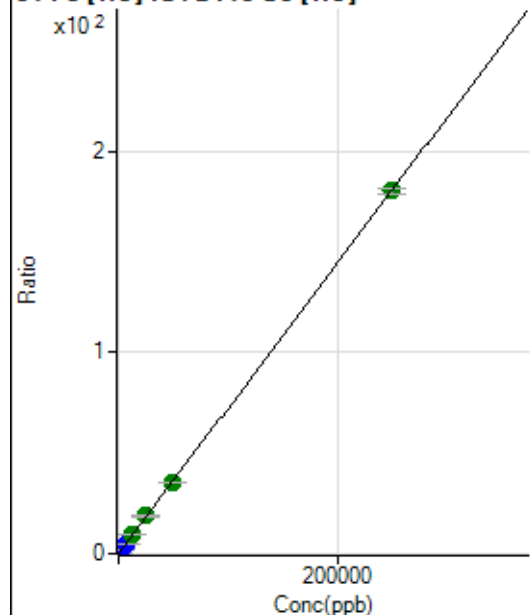
$$R = 0.9998$$

$$DL = 0.05836$$

$$BEC = 0.4072$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	548.91	0.0023	P	10.2
2	☐	50.000	55.250	9862.35	0.0422	P	2.1
3	☐	2500.000	2477.871	413996.65	1.7900	P	2.0
4	☐	6250.000	6182.846	1030387.67	4.4628	P	0.9
5	☐	12500.000	12753.925	2103592.02	9.2034	A	1.1
6	☐	25000.000	25860.234	4013241.82	18.6587	A	2.4
7	☐	50000.000	49181.686	7850713.22	35.4834	A	1.4
8	☐	250000.00	250066.84	37104507.78	180.4078	A	1.4

$$y = 7.2143E-004 * x + 0.0023$$

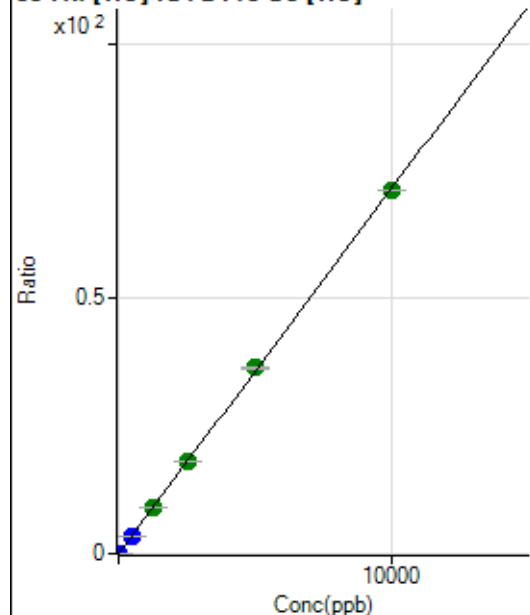
$$R = 1.0000$$

$$DL = 0.9953$$

$$BEC = 3.251$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.11	0.0006	P	0.8
2	☐	1.000	1.063	1917.93	0.0082	P	6.6
3	☐	500.000	491.924	814525.97	3.5217	P	1.9
4	☐	1250.000	1280.839	2116839.95	9.1685	A	1.4
5	☐	2500.000	2543.569	4161235.15	18.2067	A	0.7
6	☐	5000.000	5093.562	7843167.52	36.4588	A	0.4
7	☐	10000.000	9938.876	15740324.63	71.1401	A	0.1
8	☐			6856.16	0.0333	P	3.7

$$y = 0.0072 * x + 6.0273E-004$$

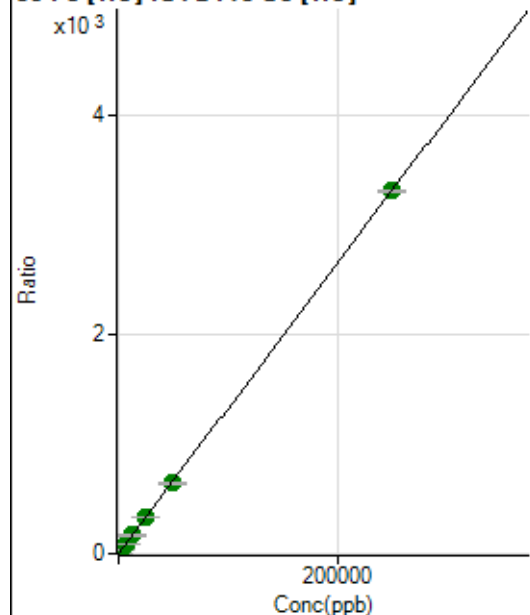
$$R = 0.9999$$

$$DL = 0.00201$$

$$BEC = 0.08421$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6719.42	0.0287	P	6.5
2	☐	50.000	53.740	172473.19	0.7381	P	0.6
3	☐	2500.000	2495.735	7626117.11	32.9716	A	1.8
4	☐	6250.000	6289.400	19174160.27	83.0469	A	0.7
5	☐	12500.000	12677.636	38252405.54	167.3697	A	1.7
6	☐	25000.000	25462.262	72307056.14	336.1229	A	0.7
7	☐	50000.000	48540.308	141766919.0	640.7461	A	0.9
8	☐	250000.00	250235.88	679358478.7	3,303.066	A	0.9

$$y = 0.0132 * x + 0.0287$$

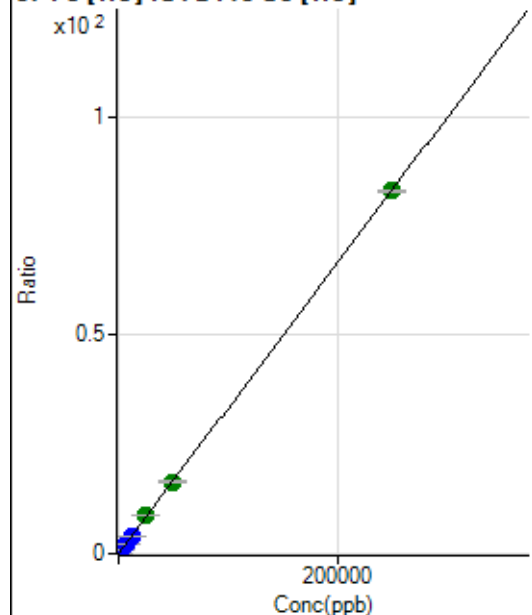
$$R = 1.0000$$

$$DL = 0.4211$$

$$BEC = 2.175$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0008	P	11.6
2	☐	50.000	51.927	4222.89	0.0181	P	4.3
3	☐	2500.000	2453.575	188621.39	0.8155	P	1.8
4	☐	6250.000	6107.893	468434.01	2.0289	P	0.6
5	☐	12500.000	12320.743	935197.80	4.0918	P	1.1
6	☐	25000.000	26145.578	1867412.80	8.6821	A	2.3
7	☐	50000.000	49627.171	3646140.36	16.4788	A	1.5
8	☐	250000.00	249972.98	17071398.63	83.0006	A	0.7

$$y = 3.3204\text{E-}004 * x + 8.3101\text{E-}004$$

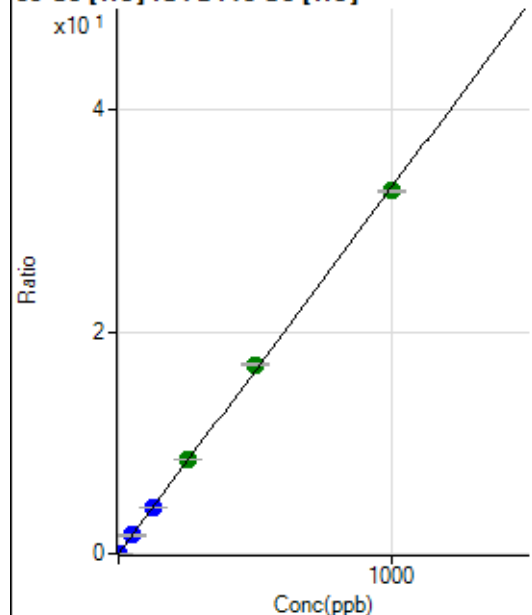
$$R = 1.0000$$

$$DL = 0.8674$$

$$BEC = 2.503$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0004	P	15.6
2	☐	1.000	1.177	9179.70	0.0393	P	1.9
3	☐	50.000	50.076	382669.05	1.6545	P	1.7
4	☐	125.000	124.309	948132.41	4.1064	P	0.1
5	☐	250.000	257.214	1941901.15	8.4964	A	0.6
6	☐	500.000	515.060	3659759.08	17.0132	A	1.1
7	☐	1000.000	990.749	7240736.56	32.7257	A	0.5
8	☐			15191.56	0.0739	P	3.1

$$y = 0.0330 * x + 4.0309\text{E-}004$$

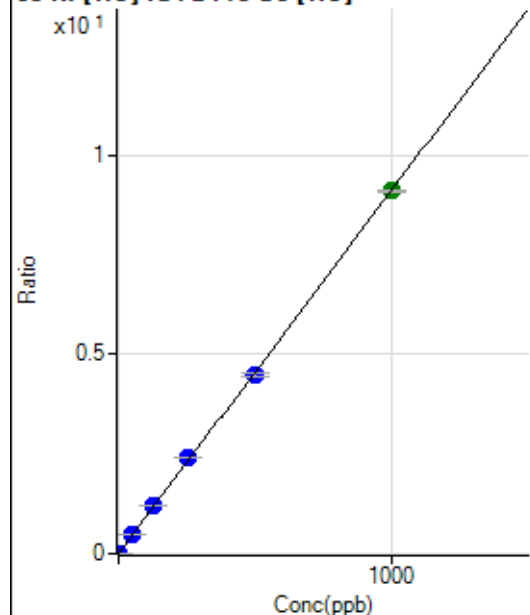
$$R = 0.9998$$

$$DL = 0.005726$$

$$BEC = 0.0122$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	715.58	0.0031	P	4.3
2	☐	1.000	1.099	3054.80	0.0131	P	4.8
3	☐	50.000	52.813	112078.86	0.4846	P	2.1
4	☐	125.000	133.262	281245.83	1.2181	P	0.1
5	☐	250.000	265.984	554979.55	2.4282	P	0.8
6	☐	500.000	492.336	966228.30	4.4920	P	1.8
7	☐	1000.000	998.663	2015333.86	9.1086	A	0.6
8	☐			6512.65	0.0317	P	1.4

$$y = 0.0091 * x + 0.0031$$

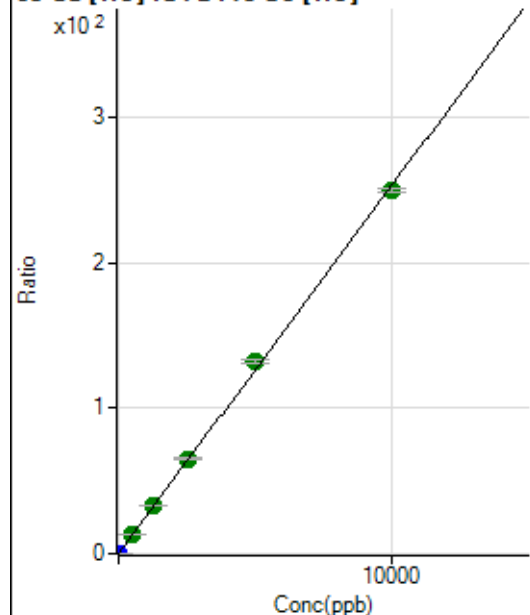
$$R = 0.9998$$

$$DL = 0.04348$$

$$BEC = 0.3351$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3802.77	0.0162	P	4.4
2	☐	2.000	2.241	17038.11	0.0729	P	0.6
3	☐	500.000	523.552	3065583.67	13.2546	A	2.1
4	☐	1250.000	1288.834	7528313.99	32.6051	A	0.6
5	☐	2500.000	2583.770	14935792.28	65.3483	A	0.8
6	☐	5000.000	5218.698	28386633.47	131.9739	A	2.0
7	☐	10000.000	9863.677	55185646.40	249.4248	A	1.2
8	☐			11343.52	0.0551	P	0.8

$$y = 0.0253 * x + 0.0162$$

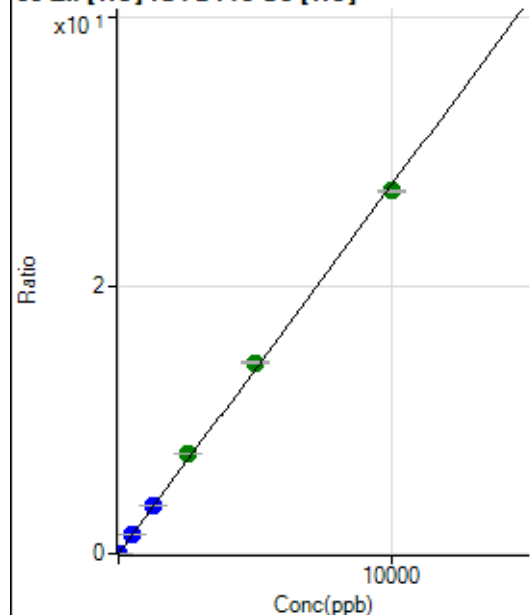
$$R = 0.9996$$

$$DL = 0.08399$$

$$BEC = 0.6425$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	336.67	0.0014	P	3.4
2	☐	5.000	5.367	3781.65	0.0162	P	5.4
3	☐	500.000	518.470	329779.38	1.4258	P	1.7
4	☐	1250.000	1302.186	826299.04	3.5788	P	0.3
5	☐	2500.000	2706.708	1699886.59	7.4373	A	1.3
6	☐	5000.000	5188.463	3066439.99	14.2551	A	1.6
7	☐	10000.000	9846.645	5985352.27	27.0520	A	0.6
8	☐			2943.67	0.0143	P	4.9

$$y = 0.0027 * x + 0.0014$$

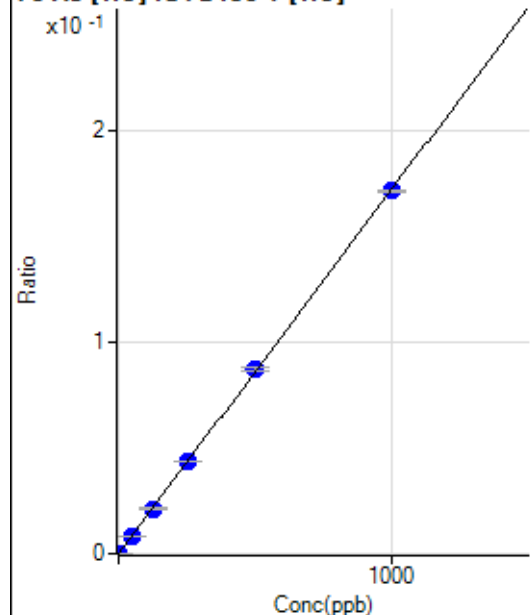
$$R = 0.9995$$

$$DL = 0.05348$$

$$BEC = 0.5236$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	51.4
2	☐	1.000	1.101	410.01	0.0002	P	12.0
3	☐	50.000	49.317	18056.10	0.0085	P	1.9
4	☐	125.000	123.585	45255.79	0.0213	P	1.0
5	☐	250.000	254.042	90612.10	0.0437	P	1.3
6	☐	500.000	505.347	173574.69	0.0870	P	2.2
7	☐	1000.000	996.527	347359.22	0.1716	P	0.9
8	☐			225.56	0.0001	P	7.3

$$y = 1.7215E-004 * x + 3.0948E-006$$

$$R = 1.0000$$

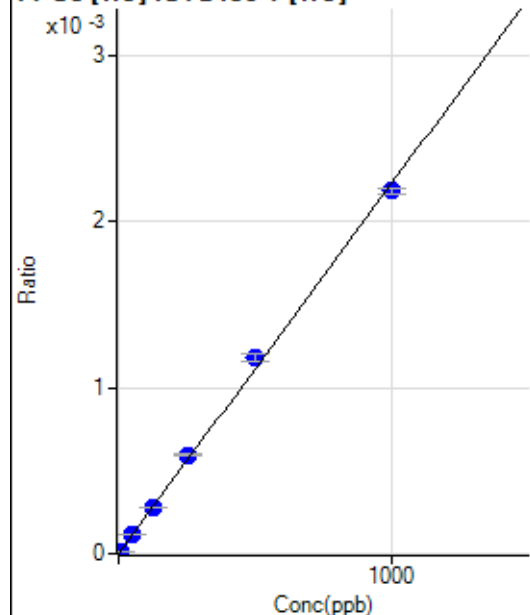
$$DL = 0.02769$$

$$BEC = 0.01798$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.451	21.11	0.0000	P	45.7
3	☐	50.000	52.248	247.78	0.0001	P	6.2
4	☐	125.000	124.836	592.24	0.0003	P	3.0
5	☐	250.000	266.663	1232.29	0.0006	P	3.1
6	☐	500.000	530.681	2361.34	0.0012	P	4.5
7	☐	1000.000	980.405	4428.52	0.0022	P	1.8
8	☐			1.11	0.0000	P	173.

$$y = 2.2306\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

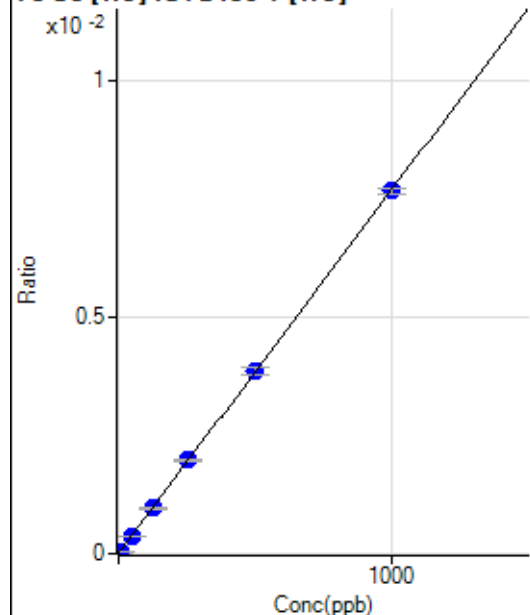
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	69.4
2	☐	5.000	4.161	84.44	0.0000	P	22.3
3	☐	50.000	47.734	795.59	0.0004	P	4.4
4	☐	125.000	124.666	2052.40	0.0010	P	4.6
5	☐	250.000	256.667	4099.52	0.0020	P	1.3
6	☐	500.000	501.636	7699.95	0.0039	P	3.3
7	☐	1000.000	997.674	15527.52	0.0077	P	1.4
8	☐			6.67	0.0000	P	50.0

$$y = 7.6790\text{E-}006 * x + 7.7181\text{E-}006$$

$$R = 1.0000$$

$$DL = 2.093$$

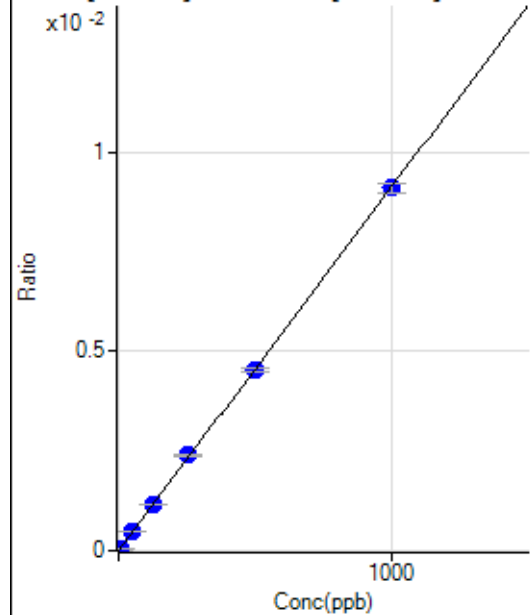
$$BEC = 1.005$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4261.80		P	3.0
2	☐			4142.87		P	4.0
3	☐			4071.74		P	3.5
4	☐			3906.14		P	0.3
5	☐			4032.84		P	2.3
6	☐			3793.88		P	6.9
7	☐			4015.06		P	1.6
8	☐			4030.63		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0000	P	31.1
2	☐	5.000	5.266	1333.44	0.0000	P	0.6
3	☐	50.000	51.025	12593.78	0.0005	P	2.5
4	☐	125.000	127.157	31817.86	0.0012	P	1.9
5	☐	250.000	261.843	64314.24	0.0024	P	0.8
6	☐	500.000	498.169	121133.77	0.0045	P	1.9
7	☐	1000.000	997.632	240624.74	0.0091	P	2.7
8	☐			27.78	0.0000	P	203.

$$y = 9.1244\text{E-}006 * x + 7.1409\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.07291$$

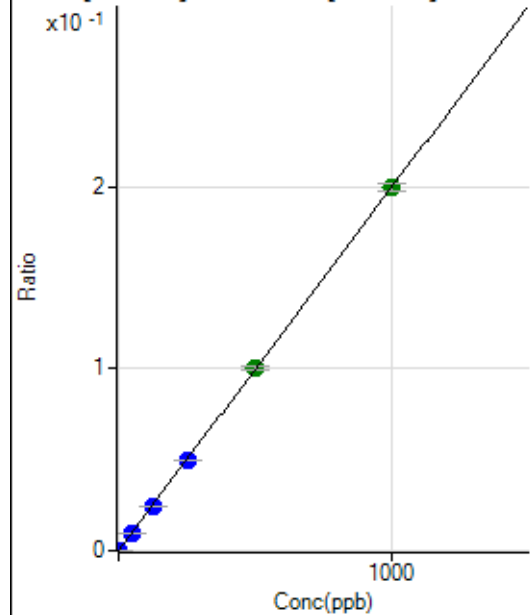
$$BEC = 0.07826$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			290.01		P	14.1
2	☐			265.56		P	13.8
3	☐			285.56		P	3.6
4	☐			295.56		P	12.8
5	☐			230.00		P	5.2
6	☐			310.01		P	19.1
7	☐			294.45		P	11.8
8	☐			318.90		P	18.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	503.35	0.0000	P	17.9
2	☐	1.000	1.067	6320.38	0.0002	P	3.2
3	☐	50.000	48.748	263444.41	0.0098	P	1.5
4	☐	125.000	121.053	663107.09	0.0242	P	1.4
5	☐	250.000	248.670	1337004.91	0.0497	P	0.7
6	☐	500.000	503.273	2678684.96	0.1005	A	2.0
7	☐	1000.000	999.252	5276047.42	0.1996	A	2.3
8	☐			16602.15	0.0007	P	0.5

$$y = 1.9972E-004 * x + 1.8108E-005$$

$$R = 1.0000$$

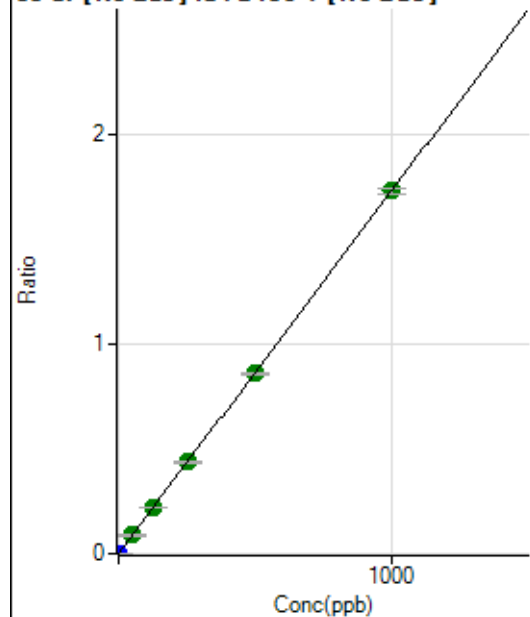
$$DL = 0.04869$$

$$BEC = 0.09067$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.12	0.0000	P	9.6
2	☐	1.000	1.061	50573.40	0.0018	P	1.1
3	☐	50.000	50.542	2363414.46	0.0875	A	2.1
4	☐	125.000	125.638	5961953.32	0.2175	A	0.9
5	☐	250.000	253.008	11787023.44	0.4380	A	1.5
6	☐	500.000	497.856	22966438.82	0.8619	A	1.1
7	☐	1000.000	1000.213	45774527.65	1.7315	A	1.6
8	☐			140271.68	0.0059	P	0.8

$$y = 0.0017 * x + 1.2973E-005$$

$$R = 1.0000$$

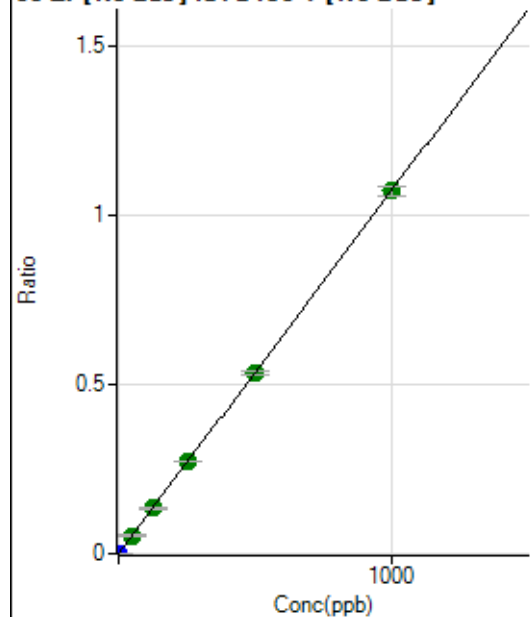
$$DL = 0.002168$$

$$BEC = 0.007494$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	933.37	0.0000	P	10.0
2	☐	1.000	1.036	31344.06	0.0011	P	1.5
3	☐	50.000	50.234	1458625.85	0.0540	A	1.4
4	☐	125.000	125.265	3689437.79	0.1346	A	2.1
5	☐	250.000	254.857	7370100.72	0.2739	A	0.5
6	☐	500.000	498.474	14271543.12	0.5356	A	1.7
7	☐	1000.000	999.504	28386090.13	1.0739	A	2.9
8	☐			47730.31	0.0020	P	1.0

$$y = 0.0011 * x + 3.3502E-005$$

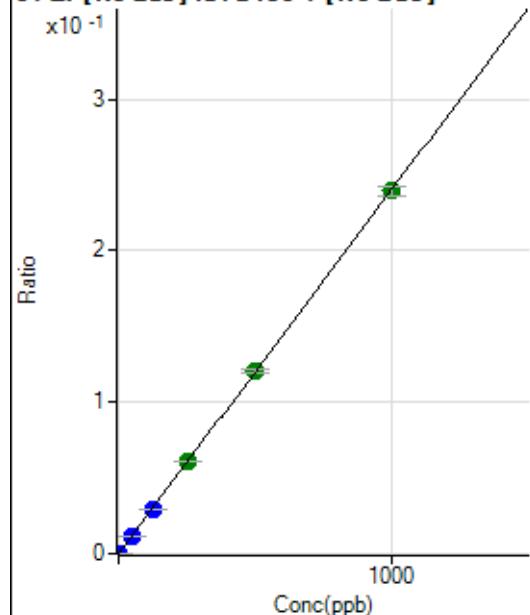
$$R = 1.0000$$

$$DL = 0.009329$$

$$BEC = 0.03118$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	10.2
2	☐	1.000	1.018	6833.96	0.0002	P	2.0
3	☐	50.000	48.102	311926.87	0.0115	P	1.2
4	☐	125.000	120.019	789514.89	0.0288	P	1.3
5	☐	250.000	255.030	1647170.51	0.0612	A	0.8
6	☐	500.000	503.997	3222730.05	0.1209	A	2.0
7	☐	1000.000	997.461	6326876.22	0.2394	A	2.8
8	☐			10741.98	0.0004	P	2.2

$$y = 2.3997\text{E-}004 * x + 5.5880\text{E-}006$$

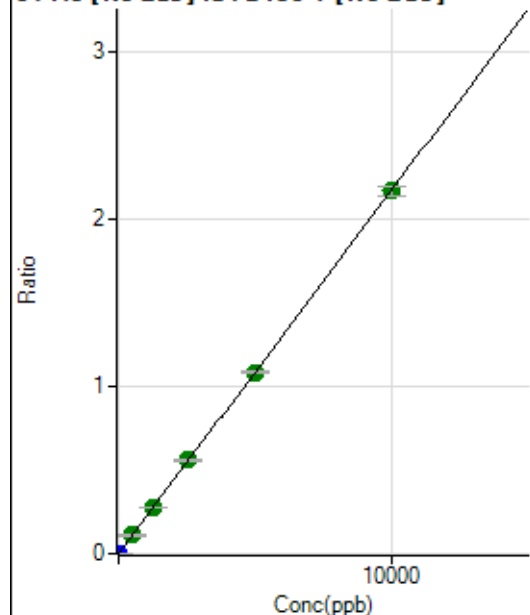
$$R = 1.0000$$

$$DL = 0.007123$$

$$BEC = 0.02329$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374.45	0.0000	P	7.1
2	☐	5.000	6.204	37155.13	0.0014	P	1.2
3	☐	500.000	507.536	2972811.31	0.1101	A	2.4
4	☐	1250.000	1248.840	7423134.54	0.2708	A	0.6
5	☐	2500.000	2569.945	14998598.39	0.5573	A	0.7
6	☐	5000.000	4996.107	28869797.35	1.0834	A	1.3
7	☐	10000.000	9984.228	57231410.81	2.1651	A	2.5
8	☐			24312.45	0.0010	P	3.7

$$y = 2.1685\text{E-}004 * x + 1.3430\text{E-}005$$

$$R = 1.0000$$

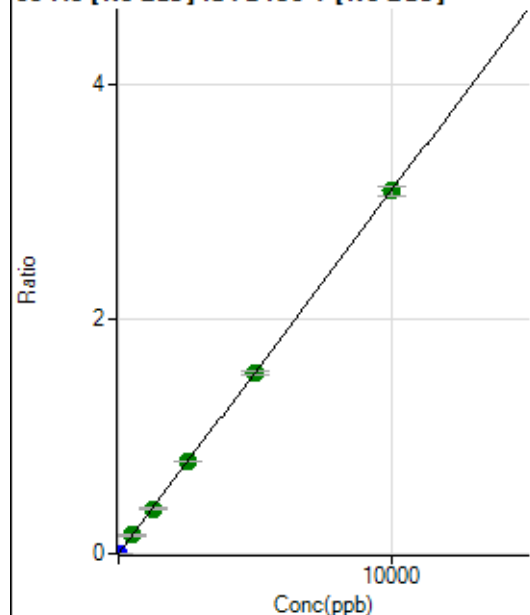
$$DL = 0.0131$$

$$BEC = 0.06193$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	156.67	0.0000	P	18.5
2	☐	5.000	5.230	44336.01	0.0016	P	1.1
3	☐	500.000	503.724	4203426.02	0.1556	A	1.9
4	☐	1250.000	1244.379	10538539.22	0.3845	A	1.2
5	☐	2500.000	2551.599	21215449.27	0.7883	A	0.7
6	☐	5000.000	4988.449	41067384.67	1.5412	A	1.6
7	☐	10000.000	9993.392	81611594.34	3.0875	A	2.5
8	☐			11916.47	0.0005	P	5.5

$$y = 3.0896E-004 * x + 5.6323E-006$$

$$R = 1.0000$$

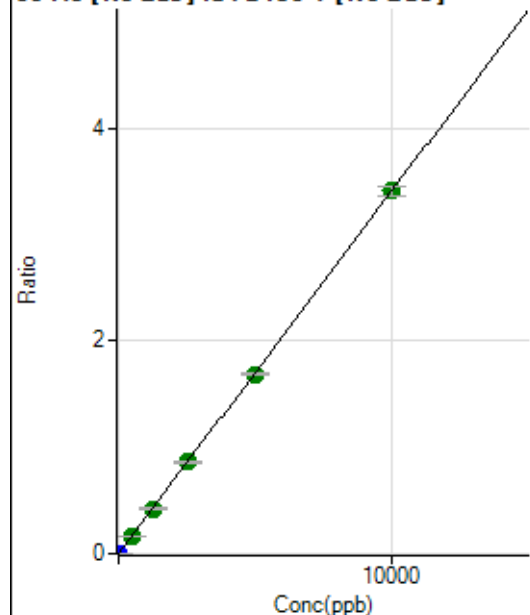
$$DL = 0.01011$$

$$BEC = 0.01823$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	213.34	0.0000	P	7.9
2	☐	5.000	5.254	49136.49	0.0018	P	0.8
3	☐	500.000	503.167	4628719.93	0.1714	A	0.3
4	☐	1250.000	1242.574	11598042.33	0.4232	A	1.4
5	☐	2500.000	2534.354	23226559.93	0.8631	A	1.2
6	☐	5000.000	4961.079	45021057.66	1.6895	A	0.8
7	☐	10000.000	10011.641	90125787.54	3.4095	A	2.4
8	☐			16038.31	0.0007	P	4.7

$$y = 3.4056E-004 * x + 7.6478E-006$$

$$R = 1.0000$$

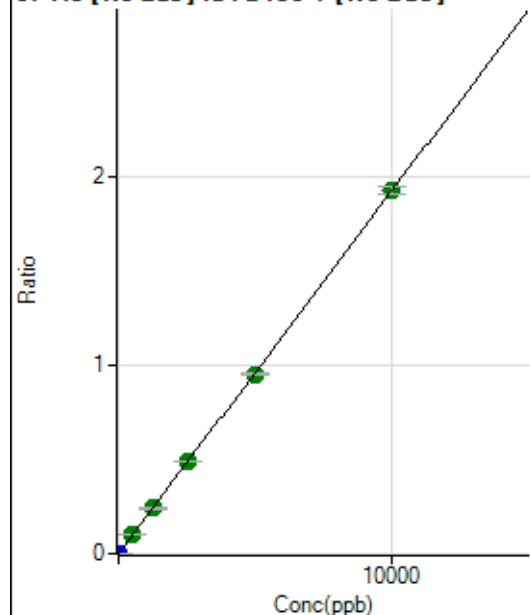
$$DL = 0.0053$$

$$BEC = 0.02246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.78	0.0000	P	9.4
2	☐	5.000	5.316	27983.80	0.0010	P	2.4
3	☐	500.000	508.044	2633141.54	0.0975	A	0.9
4	☐	1250.000	1250.812	6577813.17	0.2400	A	2.1
5	☐	2500.000	2548.069	13157592.72	0.4889	A	1.2
6	☐	5000.000	4951.194	25315910.73	0.9501	A	0.9
7	☐	10000.000	10011.882	50784152.58	1.9211	A	2.0
8	☐			6929.60	0.0003	P	6.5

$$y = 1.9188\text{E-}004 * x + 3.5127\text{E-}006$$

$$R = 1.0000$$

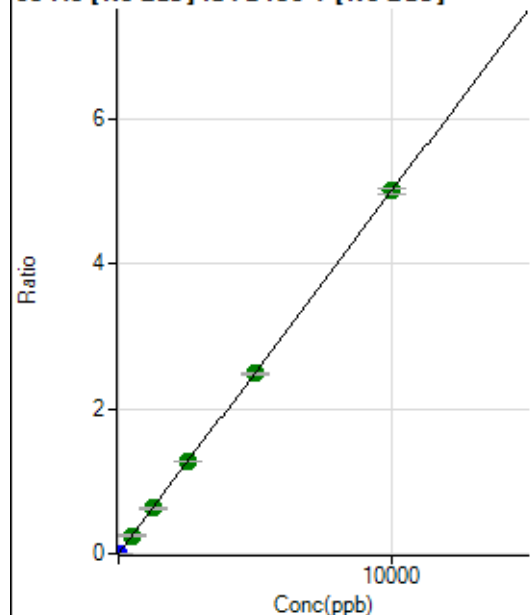
$$DL = 0.005169$$

$$BEC = 0.01831$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	231.12	0.0000	P	14.9
2	☐	5.000	5.190	71276.11	0.0026	P	2.1
3	☐	500.000	503.835	6813729.83	0.2523	A	1.8
4	☐	1250.000	1247.432	17119181.13	0.6246	A	1.0
5	☐	2500.000	2541.961	34251370.60	1.2728	A	1.3
6	☐	5000.000	4961.580	66196053.46	2.4843	A	1.6
7	☐	10000.000	10008.849	132482390.2	5.0115	A	1.6
8	☐			17545.91	0.0007	P	6.0

$$y = 5.0071\text{E-}004 * x + 8.2843\text{E-}006$$

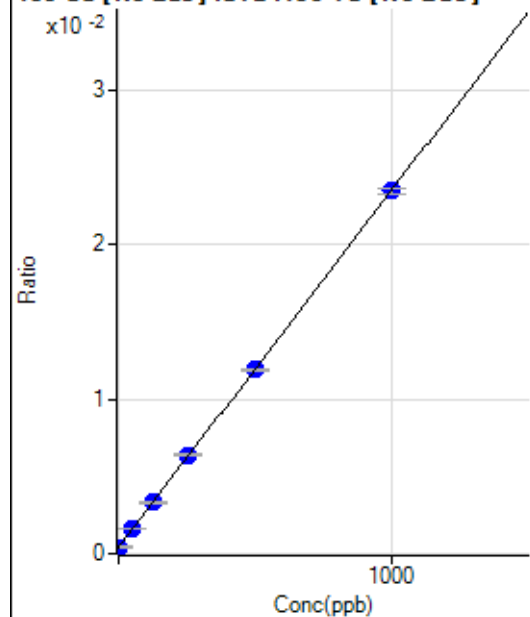
$$R = 1.0000$$

$$DL = 0.007404$$

$$BEC = 0.01655$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8102.47	0.0004	P	1.7
2	☐	1.000	0.990	8395.97	0.0004	P	1.7
3	☐	50.000	52.438	31430.25	0.0016	P	1.2
4	☐	125.000	126.388	65580.35	0.0033	P	2.3
5	☐	250.000	259.284	124870.92	0.0064	P	1.6
6	☐	500.000	497.559	230555.04	0.0119	P	1.1
7	☐	1000.000	998.604	450449.33	0.0235	P	1.4
8	☐			7195.27	0.0004	P	0.8

$$y = 2.3099E-005 * x + 4.0910E-004$$

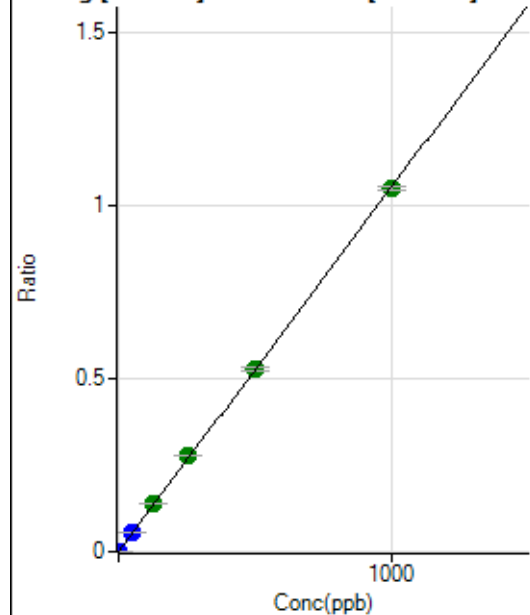
R = 0.9999

DL = 0.9114

BEC = 17.71

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	196.67	0.0000	P	17.0
2	☐	1.000	1.060	21911.96	0.0011	P	2.3
3	☐	50.000	50.694	1037340.99	0.0535	P	1.0
4	☐	125.000	131.151	2726115.20	0.1383	A	1.0
5	☐	250.000	263.258	5419214.29	0.2777	A	1.5
6	☐	500.000	501.584	10247648.39	0.5291	A	2.0
7	☐	1000.000	995.090	20138358.59	1.0496	A	1.2
8	☐			2574.73	0.0001	P	13.2

$$y = 0.0011 * x + 9.9565E-006$$

R = 0.9999

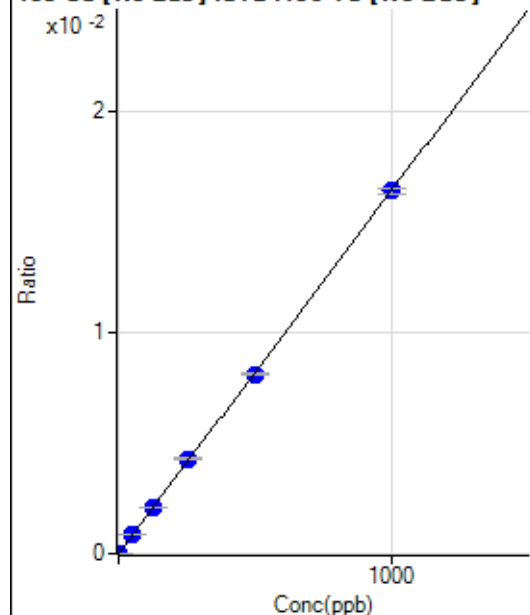
DL = 0.004802

BEC = 0.00944

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	63.6
2	☐	1.000	1.064	356.67	0.0000	P	7.5
3	☐	50.000	51.974	16565.63	0.0009	P	0.2
4	☐	125.000	127.638	41296.22	0.0021	P	2.6
5	☐	250.000	260.627	83503.07	0.0043	P	2.2
6	☐	500.000	495.139	157458.02	0.0081	P	0.5
7	☐	1000.000	999.345	314751.20	0.0164	P	1.8
8	☐			200.00	0.0000	P	13.5

$$y = 1.6415\text{E-}005 * x + 8.8904\text{E-}007$$

$$R = 0.9999$$

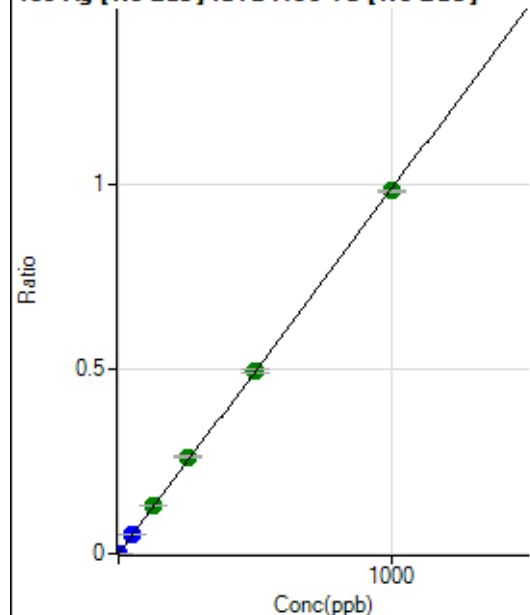
$$DL = 0.1033$$

$$BEC = 0.05416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95.56	0.0000	P	7.4
2	☐	1.000	1.065	20585.50	0.0011	P	2.2
3	☐	50.000	51.439	987783.73	0.0509	P	1.2
4	☐	125.000	131.325	2561557.32	0.1300	A	0.8
5	☐	250.000	264.209	5104147.04	0.2615	A	1.7
6	☐	500.000	501.417	9614332.85	0.4964	A	1.9
7	☐	1000.000	994.876	18896638.75	0.9848	A	0.8
8	☐			2398.02	0.0001	P	9.9

$$y = 9.8990\text{E-}004 * x + 4.8173\text{E-}006$$

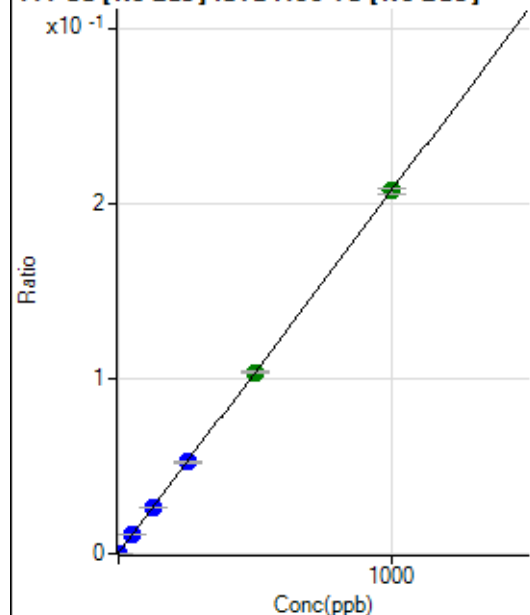
$$R = 0.9999$$

$$DL = 0.001081$$

$$BEC = 0.004867$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5675.95	0.0003	P	1.9
2	☐	1.000	1.149	10193.87	0.0005	P	1.4
3	☐	50.000	50.490	208260.39	0.0107	P	1.0
4	☐	125.000	124.664	514043.12	0.0261	P	1.5
5	☐	250.000	252.841	1026835.55	0.0526	P	2.4
6	☐	500.000	499.405	2007874.40	0.1037	A	0.7
7	☐	1000.000	999.605	3975217.70	0.2072	A	1.5
8	☐			5598.93	0.0003	P	0.2

$$y = 2.0698\text{E-}004 * x + 2.8659\text{E-}004$$

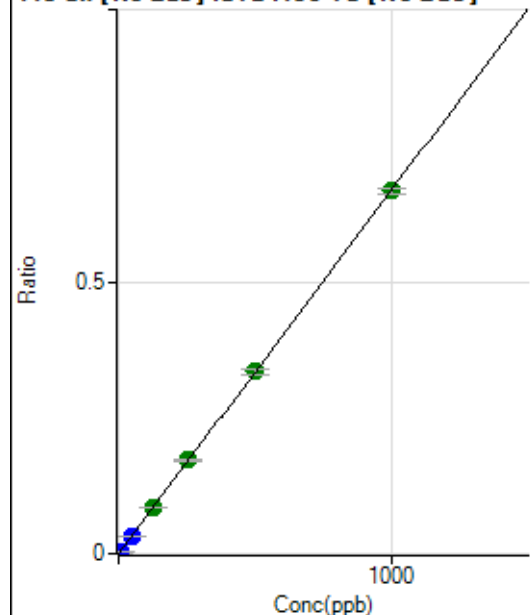
$$R = 1.0000$$

$$DL = 0.07957$$

$$BEC = 1.385$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2081.36	0.0001	P	8.4
2	☐	5.000	5.462	73027.63	0.0038	P	2.7
3	☐	50.000	49.871	648927.15	0.0335	P	0.6
4	☐	125.000	126.722	1671888.95	0.0848	A	0.4
5	☐	250.000	256.830	3354170.16	0.1719	A	1.1
6	☐	500.000	500.001	6478751.85	0.3345	A	2.3
7	☐	1000.000	998.081	12808427.86	0.6676	A	1.3
8	☐			4315.17	0.0002	P	1.8

$$y = 6.6873\text{E-}004 * x + 1.0514\text{E-}004$$

$$R = 1.0000$$

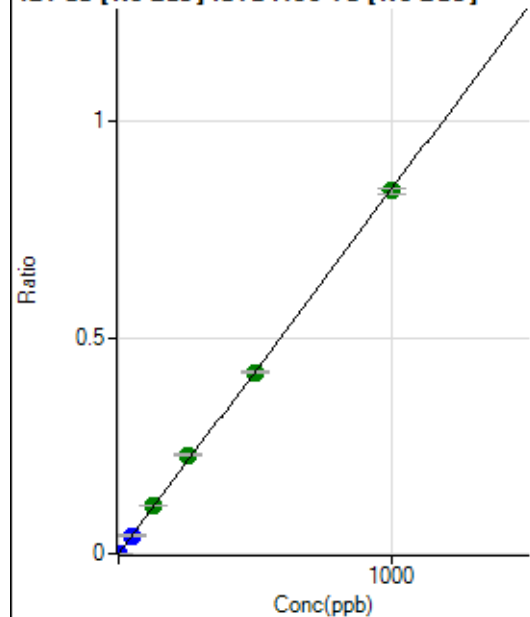
$$DL = 0.0397$$

$$BEC = 0.1572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	11.6
2	☐	2.000	2.188	35889.24	0.0018	P	2.6
3	☐	50.000	50.107	819217.98	0.0422	P	1.0
4	☐	125.000	130.501	2167335.47	0.1100	A	1.5
5	☐	250.000	270.473	4448843.55	0.2280	A	1.9
6	☐	500.000	497.794	8127108.42	0.4196	A	1.5
7	☐	1000.000	995.291	16096043.79	0.8389	A	1.4
8	☐			6288.17	0.0004	P	3.8

$$y = 8.4285E-004 * x + 2.4137E-006$$

$$R = 0.9998$$

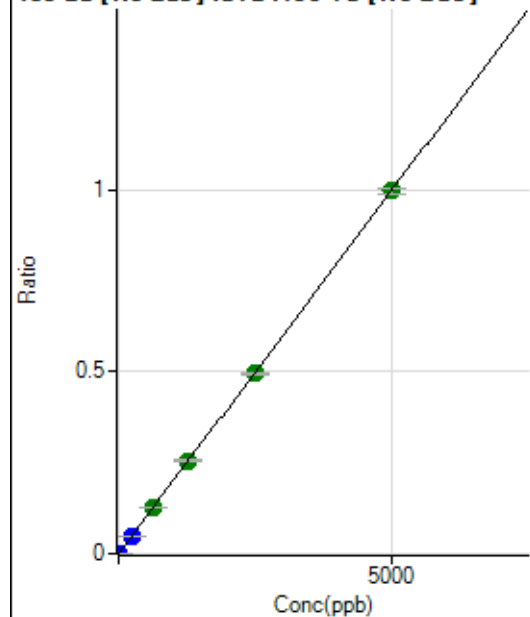
$$DL = 0.001$$

$$BEC = 0.002864$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0000	P	35.9
2	☐	10.000	10.701	41501.17	0.0021	P	3.1
3	☐	250.000	244.126	943557.44	0.0486	P	0.6
4	☐	625.000	639.104	2509160.40	0.1273	A	1.7
5	☐	1250.000	1282.208	4985735.62	0.2555	A	1.8
6	☐	2500.000	2485.365	9592317.57	0.4952	A	1.3
7	☐	5000.000	4997.795	19107089.44	0.9958	A	1.4
8	☐			6960.76	0.0004	P	4.5

$$y = 1.9925E-004 * x + 3.4069E-006$$

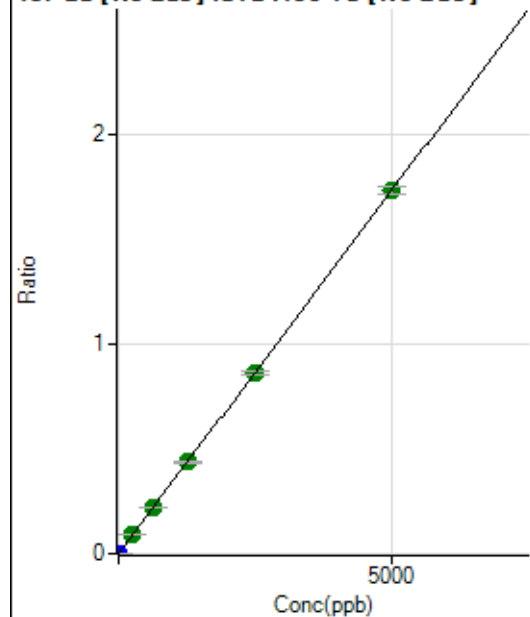
$$R = 1.0000$$

$$DL = 0.01839$$

$$BEC = 0.0171$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	110.00	0.0000	P	10.7
2	☐	10.000	10.673	71882.90	0.0037	P	2.0
3	☐	250.000	252.966	1697894.49	0.0875	A	0.4
4	☐	625.000	627.669	4279676.67	0.2172	A	0.9
5	☐	1250.000	1265.989	8548903.00	0.4381	A	1.7
6	☐	2500.000	2494.153	16716867.80	0.8630	A	1.5
7	☐	5000.000	4998.443	33183120.62	1.7296	A	2.2
8	☐			12433.60	0.0007	P	3.1

$$y = 3.4602E-004 * x + 5.5522E-006$$

$$R = 1.0000$$

$$DL = 0.005128$$

$$BEC = 0.01605$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			11.11		P	45.8
3	☐			64.45		P	26.0
4	☐			177.78		P	8.5
5	☐			295.56		P	6.8
6	☐			547.80		P	0.7
7	☐			1197.84		P	9.4
8	☐			321.12		P	8.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			5.56		P	34.7
4	☐			13.33		P	25.0
5	☐			5.56		P	34.7
6	☐			22.22		P	22.9
7	☐			43.33		P	NaN
8	☐			74.44		P	2.6

156 Dy [No Gas] No available calibration points

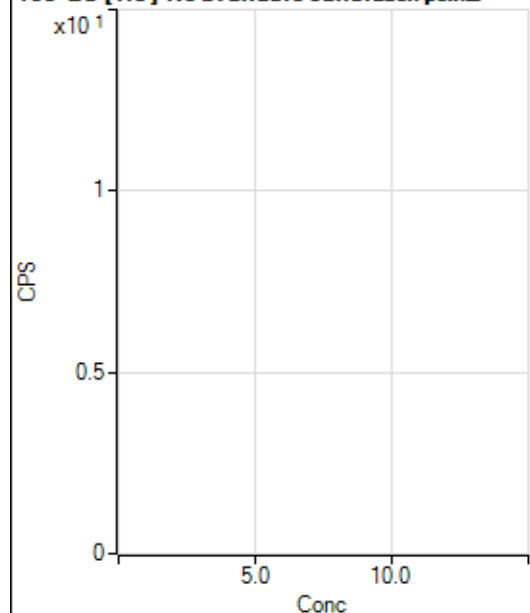
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	10.8
2	☐			13.33		P	90.2
3	☐			24.44		P	56.8
4	☐			46.67		P	18.9
5	☐			102.22		P	11.5
6	☐			198.89		P	4.8
7	☐			328.90		P	12.1
8	☐			590.02		P	16.4

156 Dy [He] No available calibration points

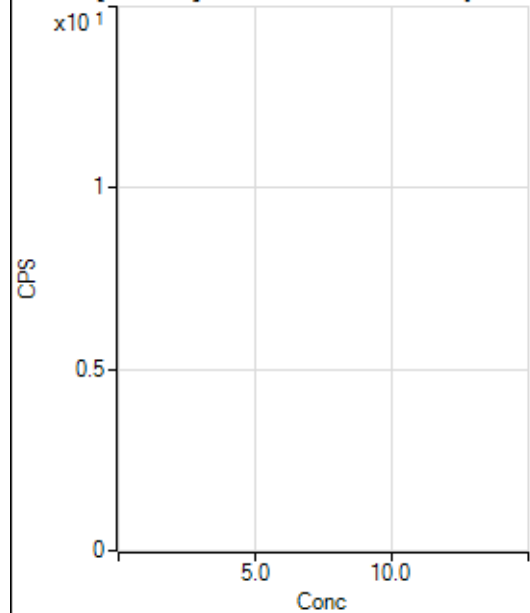
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			7.78		P	89.2
3	☐			2.22		P	173.
4	☐			13.34		P	43.3
5	☐			15.56		P	53.9
6	☐			30.00		P	29.4
7	☐			58.89		P	23.6
8	☐			214.45		P	6.5

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	6.6
2	☐			113.33		P	19.3
3	☐			116.67		P	8.6
4	☐			124.45		P	16.1
5	☐			168.89		P	7.5
6	☐			188.89		P	13.2
7	☐			241.12		P	7.1
8	☐			656.69		P	3.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	42.9
2	☐			25.56		P	32.8
3	☐			41.11		P	12.4
4	☐			42.22		P	44.9
5	☐			36.67		P	55.3
6	☐			64.44		P	25.5
7	☐			77.78		P	24.4
8	☐			286.67		P	12.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	32.0
2	☐			93.34		P	12.9
3	☐			114.45		P	11.8
4	☐			123.34		P	21.1
5	☐			145.56		P	10.3
6	☐			194.45		P	9.4
7	☐			253.34		P	11.7
8	☐			740.03		P	0.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	44.4
2	☐			24.44		P	20.8
3	☐			33.33		P	17.3
4	☐			44.45		P	8.7
5	☐			58.89		P	11.8
6	☐			54.44		P	31.4
7	☐			82.22		P	26.4
8	☐			261.12		P	4.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	36.0
2	☐			93.34		P	12.4
3	☐			115.56		P	26.2
4	☐			120.00		P	16.9
5	☐			168.89		P	17.2
6	☐			194.45		P	29.6
7	☐			260.01		P	20.6
8	☐			882.26		P	3.3

172 Yb [He] No available calibration points

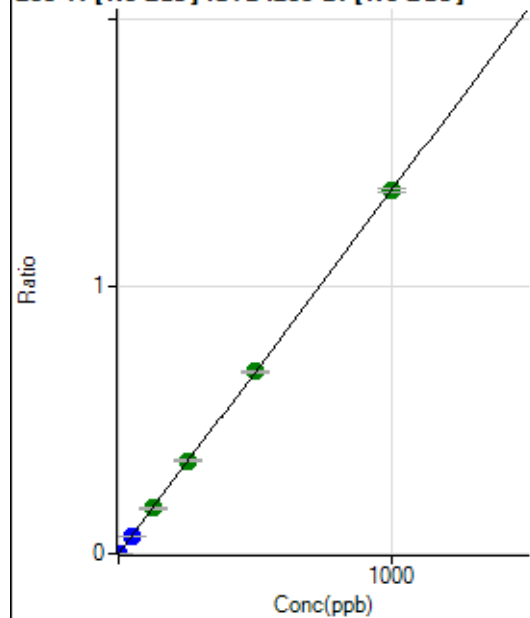
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.66		P	44.6
2	☐			40.00		P	22.0
3	☐			48.89		P	10.4
4	☐			64.44		P	42.1
5	☐			56.67		P	23.5
6	☐			81.11		P	12.6
7	☐			100.00		P	23.1
8	☐			374.45		P	8.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2030.18		P	7.9
2	☐			1947.94		P	1.7
3	☐			5612.35		P	0.8
4	☐			10736.69		P	1.7
5	☐			20343.54		P	1.0
6	☐			38094.81		P	0.5
7	☐			74668.41		P	0.8
8	☐			2258.00		P	2.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			456.68		P	9.1
2	☐			427.79		P	6.6
3	☐			1837.92		P	4.4
4	☐			3927.29		P	0.9
5	☐			7547.79		P	2.5
6	☐			14558.12		P	0.9
7	☐			28305.94		P	1.6
8	☐			582.24		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	231.12	0.0000	P	11.8
2	☐	1.000	1.012	16636.27	0.0014	P	1.4
3	☐	50.000	47.310	770408.67	0.0643	P	0.8
4	☐	125.000	124.819	2011165.61	0.1695	A	1.2
5	☐	250.000	254.907	4105537.86	0.3462	A	1.5
6	☐	500.000	500.647	7822424.54	0.6799	A	0.7
7	☐	1000.000	998.607	15468166.85	1.3560	A	1.2
8	☐			1546.78	0.0002	P	13.8

$$y = 0.0014 * x + 1.8642E-005$$

$$R = 1.0000$$

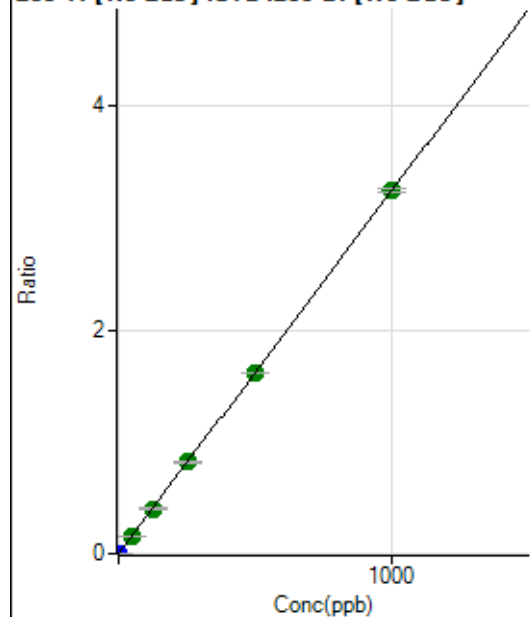
$$DL = 0.00486$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	496.68	0.0000	P	5.5
2	☐	1.000	1.042	40767.14	0.0034	P	1.0
3	☐	50.000	49.929	1938746.50	0.1617	A	1.0
4	☐	125.000	124.465	4781900.24	0.4030	A	1.1
5	☐	250.000	253.563	9737737.63	0.8211	A	1.7
6	☐	500.000	497.490	18533900.84	1.6109	A	0.5
7	☐	1000.000	1000.435	36951162.51	3.2394	A	1.0
8	☐			3778.43	0.0004	P	15.6

$$y = 0.0032 * x + 4.0133E-005$$

$$R = 1.0000$$

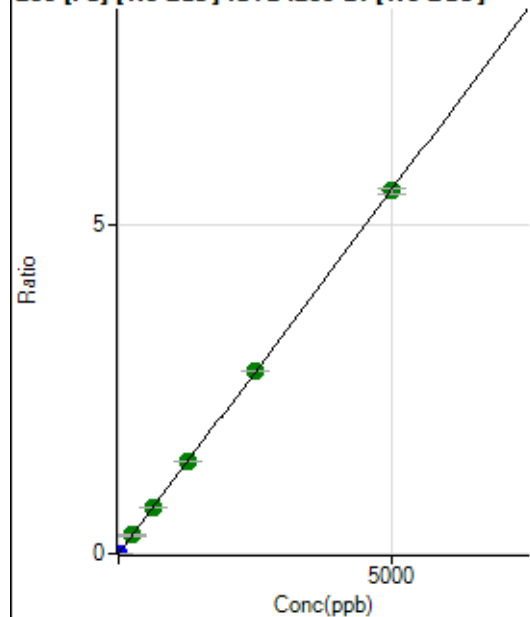
$$DL = 0.00205$$

$$BEC = 0.01239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1345.64	0.0001	P	4.3
2	☐	1.000	1.031	14935.39	0.0013	P	1.6
3	☐	250.000	251.372	3341626.24	0.2787	A	1.9
4	☐	625.000	625.642	8227418.91	0.6935	A	1.2
5	☐	1250.000	1273.710	16742879.75	1.4117	A	1.3
6	☐	2500.000	2508.984	31992105.36	2.7806	A	0.7
7	☐	5000.000	4989.432	63072056.28	5.5295	A	1.7
8	☐			15003.29	0.0015	P	2.4

$$y = 0.0011 * x + 1.0879E-004$$

$$R = 1.0000$$

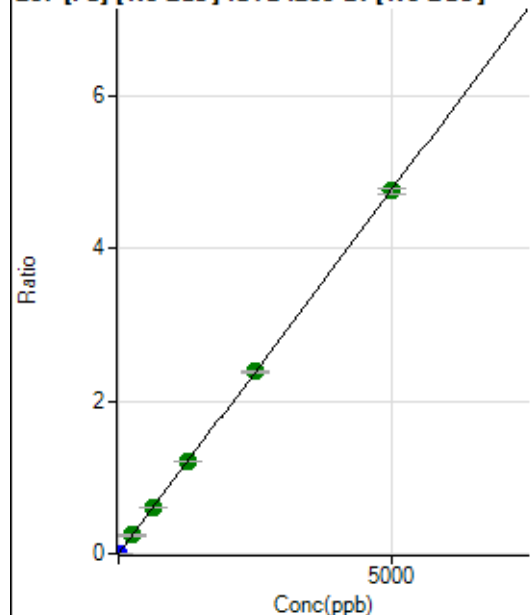
$$DL = 0.0128$$

$$BEC = 0.09817$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1125.62	0.0001	P	3.0
2	☐	1.000	1.037	12896.51	0.0011	P	0.5
3	☐	250.000	251.470	2877703.19	0.2400	A	1.7
4	☐	625.000	629.841	7131591.21	0.6011	A	0.6
5	☐	1250.000	1267.582	14347356.18	1.2096	A	1.0
6	☐	2500.000	2511.731	27576696.26	2.3968	A	1.1
7	☐	5000.000	4989.060	54303627.52	4.7607	A	1.5
8	☐			12849.85	0.0013	P	2.4

$$y = 9.5421\text{E-}004 * x + 9.0983\text{E-}005$$

$$R = 1.0000$$

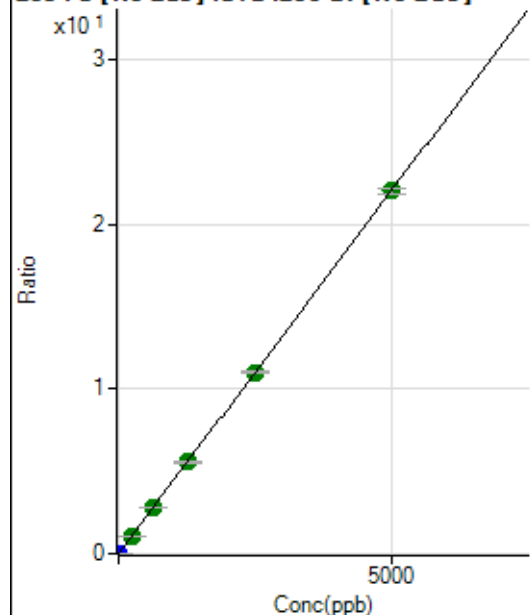
$$DL = 0.008663$$

$$BEC = 0.09535$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5126.00	0.0004	P	1.7
2	☐	1.000	1.024	58879.12	0.0049	P	0.3
3	☐	250.000	249.386	13196943.35	1.1008	A	0.9
4	☐	625.000	625.454	32747204.30	2.7601	A	0.4
5	☐	1250.000	1266.237	66269760.96	5.5875	A	1.4
6	☐	2500.000	2497.012	126767311.1	11.0181	A	0.9
7	☐	5000.000	4997.409	251524314.0	22.0507	A	1.4
8	☐			59100.96	0.0061	P	1.6

$$y = 0.0044 * x + 4.1445\text{E-}004$$

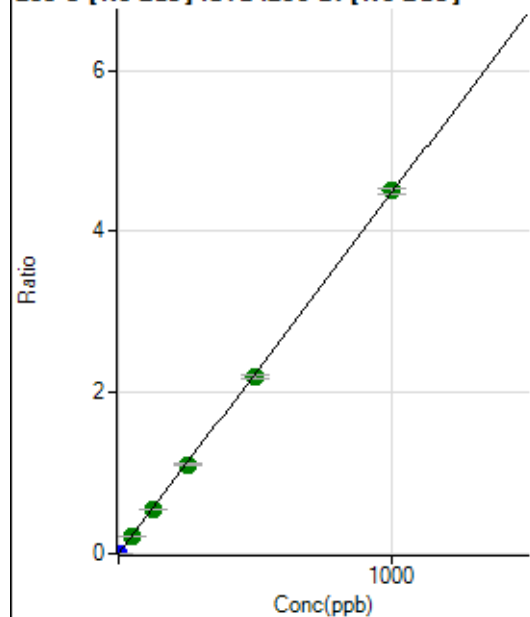
$$R = 1.0000$$

$$DL = 0.004706$$

$$BEC = 0.09393$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	21.7
2	☐	1.000	0.966	51769.40	0.0043	P	0.6
3	☐	50.000	47.879	2571501.92	0.2145	A	2.3
4	☐	125.000	121.552	6461255.11	0.5446	A	1.2
5	☐	250.000	247.351	13143452.58	1.1082	A	1.5
6	☐	500.000	491.403	25328530.73	2.2016	A	2.7
7	☐	1000.000	1005.498	51387101.46	4.5049	A	1.4
8	☐			2998.25	0.0003	P	18.3

$$y = 0.0045 * x + 8.6527E-006$$

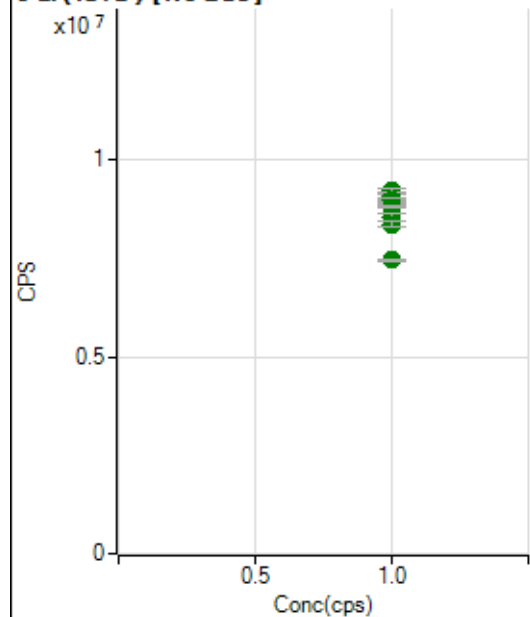
$$R = 0.9999$$

$$DL = 0.001256$$

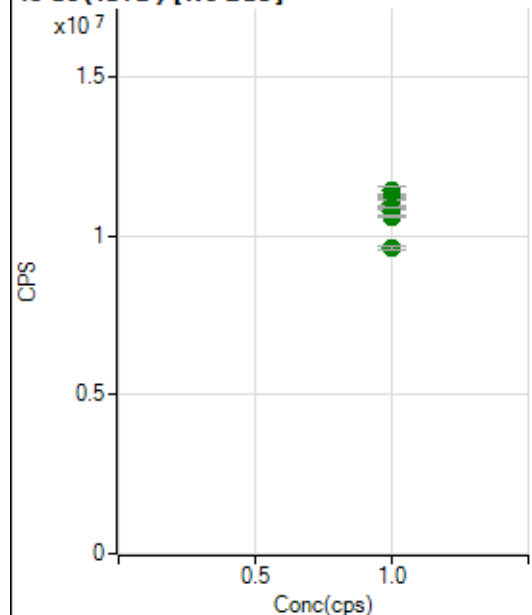
$$BEC = 0.001931$$

Weight: <None>

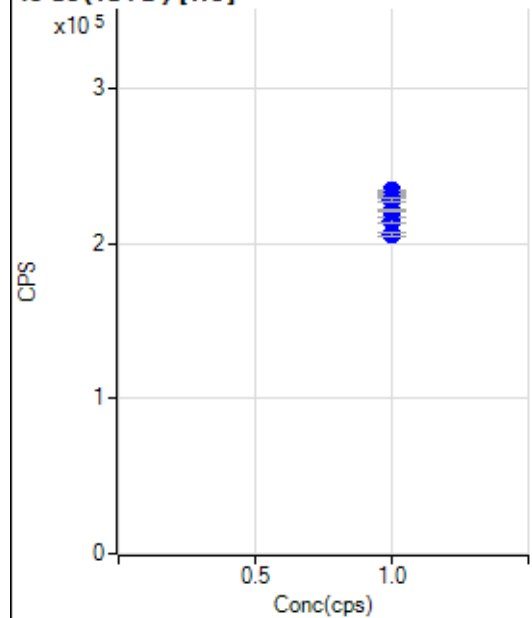
Min Conc: 0

6 Li (ISTD) [No Gas]

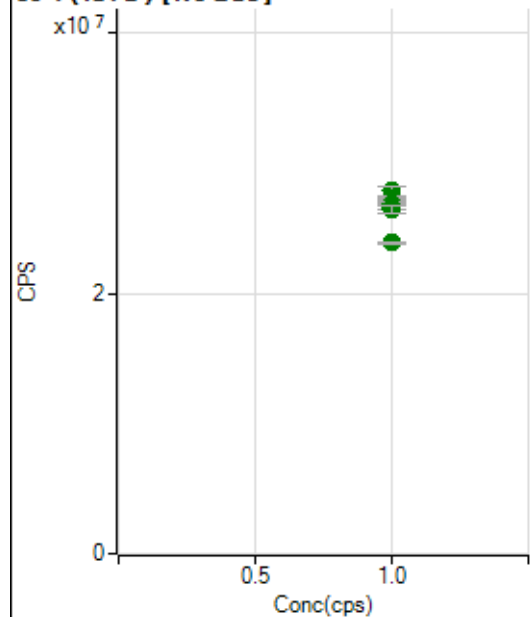
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9059528.82		A	1.4
2	☐	1.000		9205242.38		A	0.9
3	☐	1.000		8973925.67		A	0.7
4	☐	1.000		8962799.98		A	1.6
5	☐	1.000		8798351.58		A	0.9
6	☐	1.000		8537525.63		A	1.9
7	☐	1.000		8366531.80		A	1.3
8	☐	1.000		7450189.26		A	0.4

45 Sc (ISTD) [No Gas]

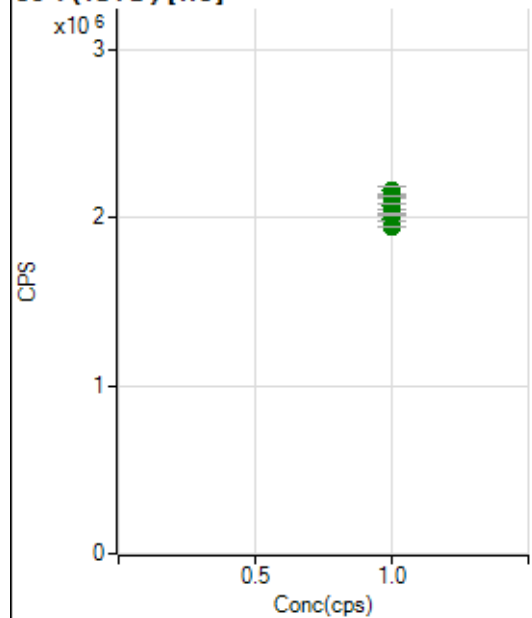
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11422453.30		A	2.2
2	☐	1.000		11246345.80		A	0.7
3	☐	1.000		11137179.14		A	0.3
4	☐	1.000		11028798.45		A	2.2
5	☐	1.000		10890753.17		A	0.9
6	☐	1.000		10764805.81		A	2.4
7	☐	1.000		10610564.28		A	0.4
8	☐	1.000		9630328.54		A	0.9

45 Sc (ISTD) [He]

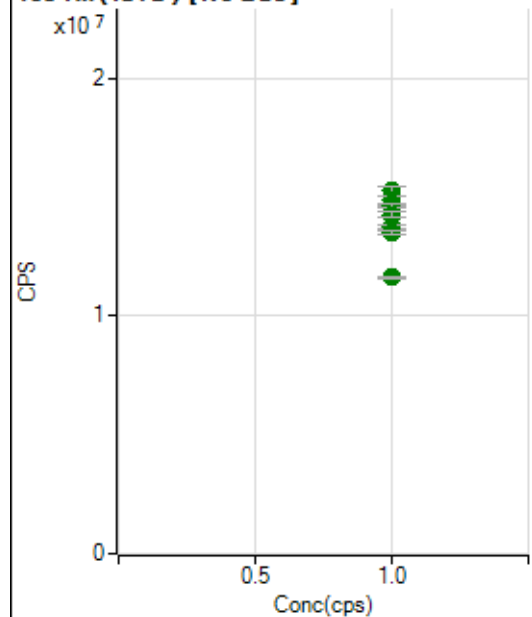
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234117.65		P	0.8
2	☐	1.000		233687.50		P	0.4
3	☐	1.000		231331.89		P	1.5
4	☐	1.000		230889.13		P	0.6
5	☐	1.000		228563.17		P	0.8
6	☐	1.000		215132.96		P	1.4
7	☐	1.000		221258.57		P	0.5
8	☐	1.000		205683.33		P	1.0

89 Y (ISTD) [No Gas]

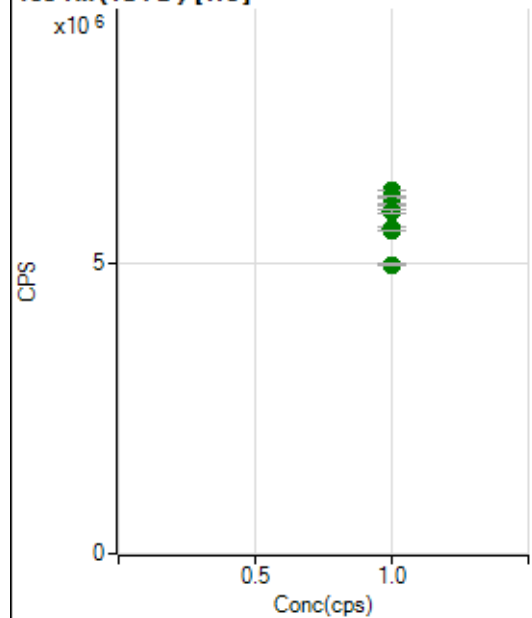
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27877719.58		A	2.4
2	☐	1.000		27345740.98		A	1.1
3	☐	1.000		27011582.10		A	1.0
4	☐	1.000		27409621.54		A	0.9
5	☐	1.000		26912505.43		A	0.9
6	☐	1.000		26648388.22		A	1.0
7	☐	1.000		26440432.66		A	1.8
8	☐	1.000		23880634.09		A	0.7

89 Y (ISTD) [He]

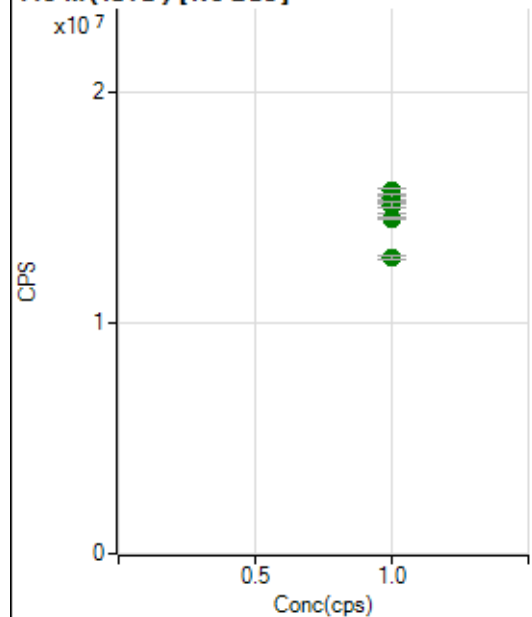
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2161282.02		A	2.1
2	☐	1.000		2128321.86		A	0.3
3	☐	1.000		2126151.27		A	0.8
4	☐	1.000		2126856.65		A	0.1
5	☐	1.000		2072050.42		A	1.6
6	☐	1.000		1995577.23		A	1.6
7	☐	1.000		2024856.64		A	0.8
8	☐	1.000		1951034.92		A	0.2

103 Rh (ISTD) [No Gas]

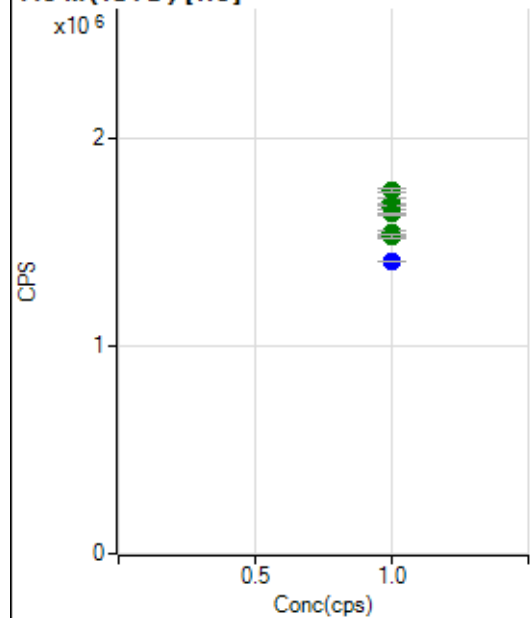
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15250511.02		A	2.9
2	☐	1.000		14872047.56		A	1.7
3	☐	1.000		14690517.42		A	0.5
4	☐	1.000		14643182.84		A	1.3
5	☐	1.000		14264099.09		A	1.4
6	☐	1.000		13769265.07		A	1.0
7	☐	1.000		13485853.27		A	1.0
8	☐	1.000		11623148.58		A	0.6

103 Rh (ISTD) [He]

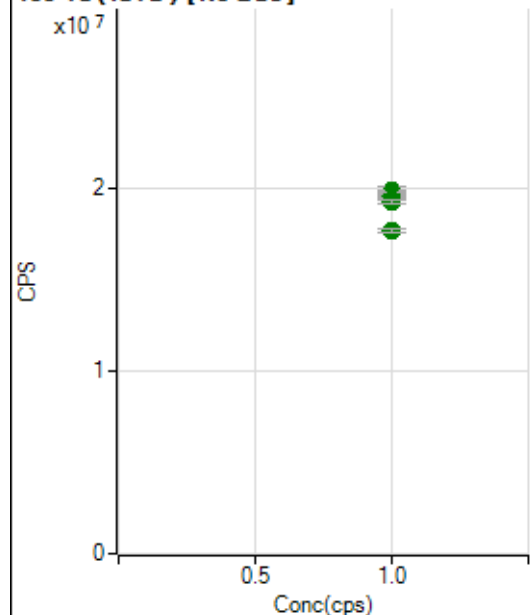
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6231494.49		A	0.1
2	☐	1.000		6129774.01		A	0.3
3	☐	1.000		6120655.12		A	0.3
4	☐	1.000		5985959.29		A	0.5
5	☐	1.000		5877366.10		A	0.7
6	☐	1.000		5583674.78		A	1.1
7	☐	1.000		5559929.22		A	0.1
8	☐	1.000		4965394.06		A	0.8

115 In (ISTD) [No Gas]

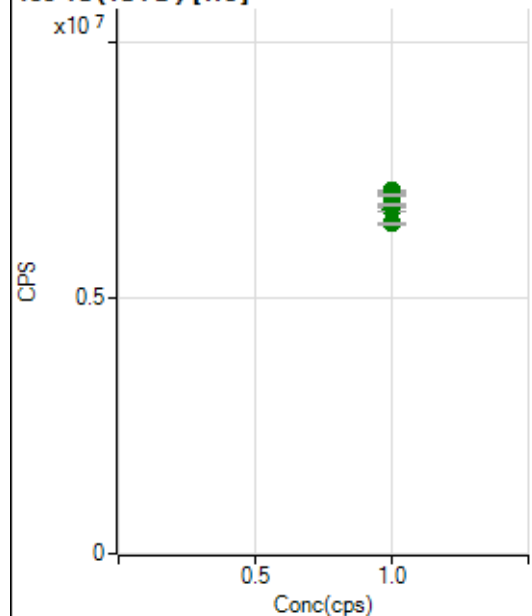
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15753912.33		A	1.8
2	☐	1.000		15437188.50		A	1.4
3	☐	1.000		15272069.31		A	0.4
4	☐	1.000		15407629.29		A	2.4
5	☐	1.000		15129807.85		A	1.8
6	☐	1.000		14648243.61		A	1.5
7	☐	1.000		14557086.84		A	0.2
8	☐	1.000		12851021.98		A	1.2

115 In (ISTD) [He]

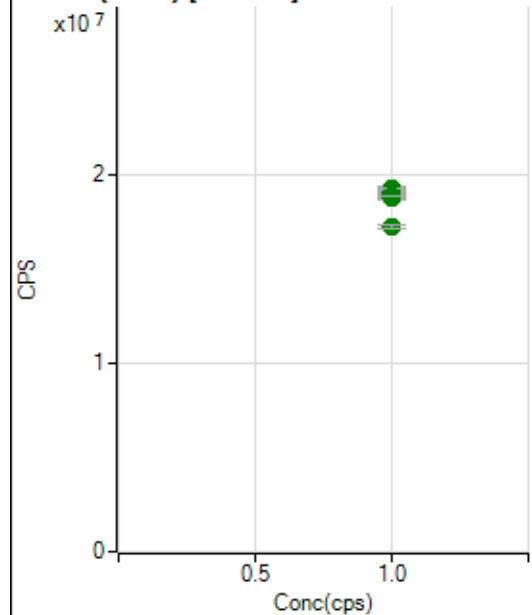
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1743791.67		A	1.0
2	☐	1.000		1693855.78		A	1.5
3	☐	1.000		1676281.43		A	0.9
4	☐	1.000		1662056.01		A	1.1
5	☐	1.000		1634345.82		A	0.6
6	☐	1.000		1540383.68		A	2.1
7	☐	1.000		1523998.87		A	1.2
8	☐	1.000		1404112.15		P	0.2

159 Tb (ISTD) [No Gas]

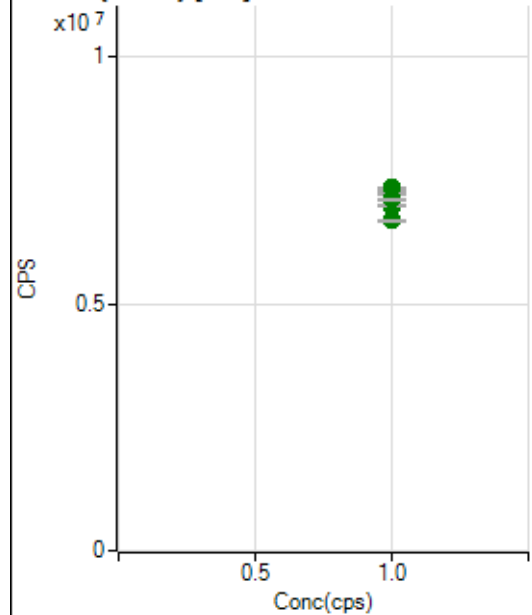
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19810880.40		A	2.6
2	☐	1.000		19438155.41		A	1.2
3	☐	1.000		19396632.21		A	0.4
4	☐	1.000		19704896.09		A	0.9
5	☐	1.000		19520114.29		A	2.1
6	☐	1.000		19371216.38		A	0.6
7	☐	1.000		19188779.72		A	1.2
8	☐	1.000		17641355.02		A	0.8

159 Tb (ISTD) [He]

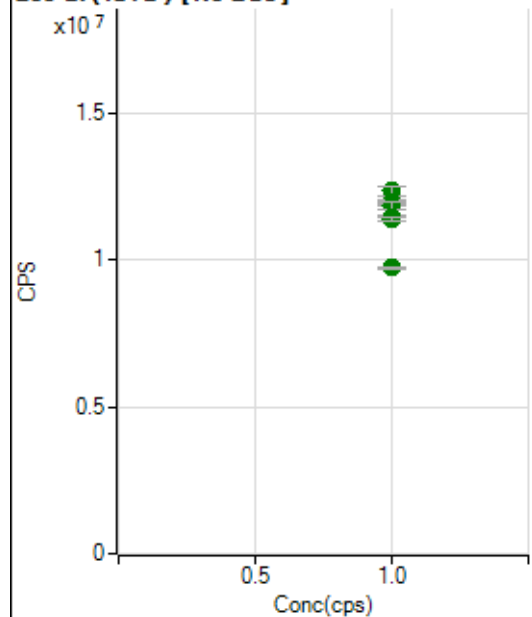
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7081215.03		A	0.7
2	☐	1.000		7036621.49		A	1.3
3	☐	1.000		7094007.11		A	0.8
4	☐	1.000		7068982.39		A	0.1
5	☐	1.000		6999528.37		A	0.5
6	☐	1.000		6728111.29		A	1.3
7	☐	1.000		6824530.66		A	0.8
8	☐	1.000		6455927.89		A	0.6

165 Ho (ISTD) [No Gas]

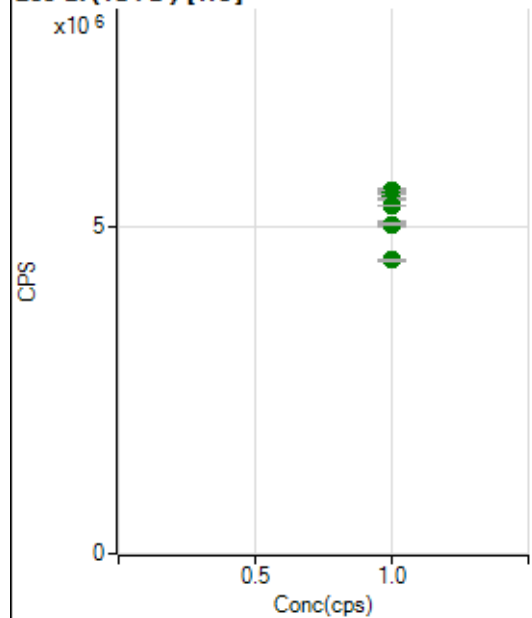
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19166883.19		A	1.9
2	☐	1.000		18869168.89		A	1.4
3	☐	1.000		18973812.77		A	1.3
4	☐	1.000		19230723.88		A	0.4
5	☐	1.000		19072554.86		A	2.1
6	☐	1.000		18774583.61		A	1.3
7	☐	1.000		18839581.25		A	0.3
8	☐	1.000		17218425.30		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7348301.42		A	0.6
2	☐	1.000		7256639.13		A	0.9
3	☐	1.000		7212824.55		A	0.4
4	☐	1.000		7304751.63		A	0.9
5	☐	1.000		7227860.52		A	0.8
6	☐	1.000		6978573.65		A	0.7
7	☐	1.000		7111347.67		A	0.7
8	☐	1.000		6690108.79		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12371269.26		A	2.7
2	☐	1.000		11939242.04		A	0.3
3	☐	1.000		11989498.16		A	1.4
4	☐	1.000		11864360.52		A	0.1
5	☐	1.000		11862431.91		A	2.0
6	☐	1.000		11505755.80		A	0.7
7	☐	1.000		11407413.72		A	0.7
8	☐	1.000		9749757.35		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535397.97		A	1.1
2	☐	1.000		5511954.43		A	0.8
3	☐	1.000		5453267.00		A	1.1
4	☐	1.000		5408916.45		A	0.8
5	☐	1.000		5309387.04		A	0.4
6	☐	1.000		5029689.06		A	1.5
7	☐	1.000		5030385.48		A	0.4
8	☐	1.000		4483946.43		A	0.8