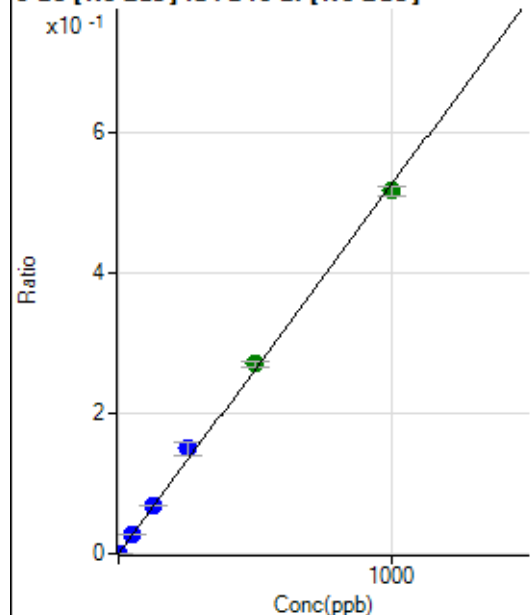


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012723 MS.b\
Analysis File: P8012723 MS.batch.bin
DA Date-Time: 2023-01-27 18:48:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-01-27 11:37:01
2	005CALS.d	S02	2023-01-27 11:40:11
3	006CALS.d	S03	2023-01-27 11:43:22
4	007CALS.d	S04	2023-01-27 11:46:29
5	008CALS.d	S05	2023-01-27 11:49:37
6	009CALS.d	S06	2023-01-27 11:52:44
7	010CALS.d	S07	2023-01-27 11:55:52
8	011CALS.d	S08	2023-01-27 11:58:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.66	0.0000	P	10.4
2	☐	1.000	1.082	3084.12	0.0006	P	2.5
3	☐	50.000	53.057	146663.30	0.0278	P	4.7
4	☐	125.000	129.512	357638.40	0.0679	P	1.9
5	☐	250.000	284.491	714854.36	0.1492	P	13.6
6	☐	500.000	515.069	1409620.80	0.2702	A	3.0
7	☐	1000.000	983.126	2659756.39	0.5157	A	2.5
8	☐			766.18	0.0002	P	17.2

$$y = 5.2457\text{E-}004 * x + 1.0675\text{E-}005$$

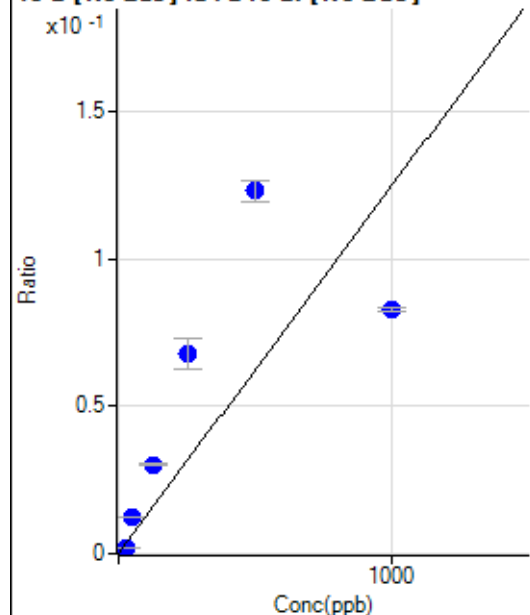
$$R = 0.9991$$

$$DL = 0.006364$$

$$BEC = 0.02035$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.26	0.0001	P	9.0
2	☐	25.000	13.188	9164.39	0.0017	P	2.8
3	☐	50.000	97.870	64729.83	0.0123	P	1.0
4	☐	125.000	242.717	159660.05	0.0303	P	2.2
5	☐	250.000	544.862	325367.92	0.0680	P	15.2
6	☐	500.000	987.198	642059.23	0.1231	P	5.6
7	☐	1000.000	665.873	428453.11	0.0831	P	1.7
8	☐			40918.81	0.0083	P	7.2

$$y = 1.2462\text{E-}004 * x + 7.4872\text{E-}005$$

$$R = 0.7566$$

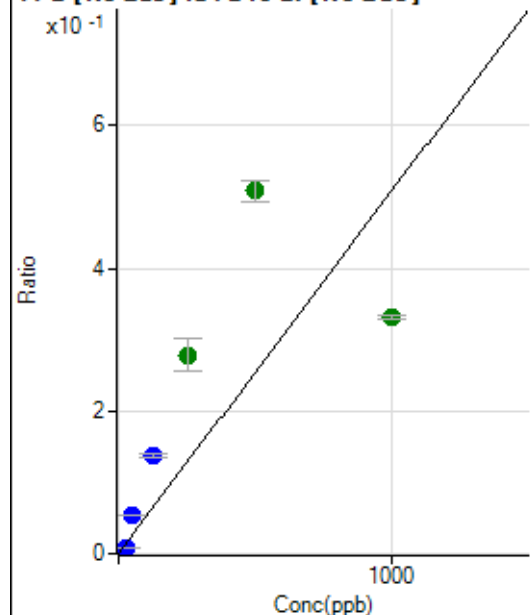
$$DL = 0.1623$$

$$BEC = 0.6008$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1651.77	0.0003	P	5.2
2	☐	25.000	14.627	41280.99	0.0077	P	2.6
3	☐	50.000	107.254	288903.36	0.0548	P	1.2
4	☐	125.000	270.985	726266.76	0.1379	P	3.2
5	☐	250.000	548.044	1332926.30	0.2786	A	15.8
6	☐	500.000	1000.859	2652642.84	0.5085	A	6.0
7	☐	1000.000	654.208	1715283.97	0.3325	A	1.5
8	☐			183810.92	0.0374	P	6.2

$$y = 5.0779\text{E-}004 * x + 3.1107\text{E-}004$$

$$R = 0.7419$$

$$DL = 0.09488$$

$$BEC = 0.6126$$

Weight: <None>

Min Conc: 0

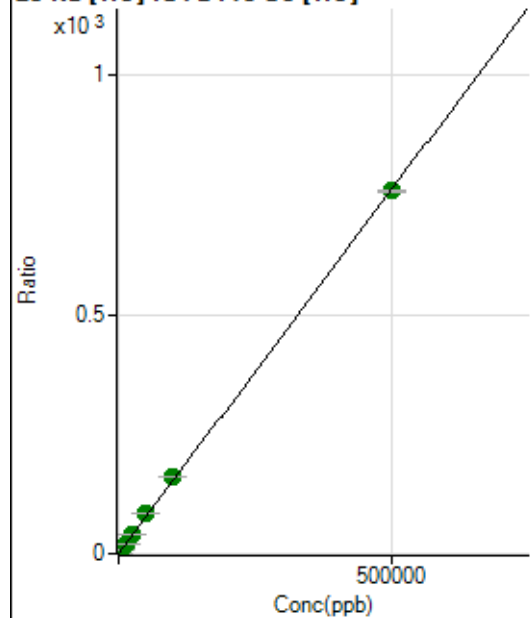
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6900614.91		A	0.7
2	☐			6810302.76		A	2.8
3	☐			7182085.32		A	0.9
4	☐			7125161.62		A	1.9
5	☐			7440790.71		A	1.4
6	☐			8140552.96		A	1.5
7	☐			8679397.33		A	2.0
8	☐			7904626.30		A	1.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65554.95		P	2.7
2	☐			68303.46		P	1.9
3	☐			71367.90		P	1.3
4	☐			76105.73		P	1.6
5	☐			76516.07		P	1.3
6	☐			87471.07		P	1.3
7	☐			89229.16		P	2.2
8	☐			84135.13		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15269.45	0.0913	P	0.5
2	☐	500.000	511.970	146054.23	0.8709	P	2.2
3	☐	5000.000	5428.897	1410669.56	8.3578	A	2.2
4	☐	12500.000	13206.123	3228103.96	20.2001	A	4.1
5	☐	25000.000	26488.932	6538801.53	40.4257	A	1.6
6	☐	50000.000	55350.598	13560128.08	84.3729	A	2.2
7	☐	100000.00	105433.13	26160674.37	160.6329	A	0.9
8	☐	500000.00	498281.91	121590336.0	758.8184	A	0.6

$$y = 0.0015 * x + 0.0913$$

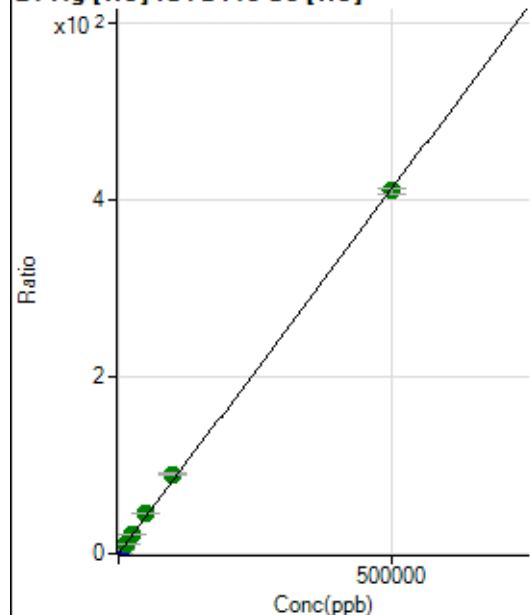
$$R = 0.9999$$

$$DL = 0.9335$$

$$BEC = 59.97$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.57	0.0021	P	27.9
2	☐	500.000	525.124	72924.90	0.4348	P	1.8
3	☐	5000.000	5390.301	750061.37	4.4437	P	2.7
4	☐	12500.000	13713.352	1805588.00	11.3018	A	5.2
5	☐	25000.000	27140.065	3617522.82	22.3654	A	0.5
6	☐	50000.000	54899.484	7269565.87	45.2390	A	2.3
7	☐	100000.00	108705.04	14588182.62	89.5744	A	1.5
8	☐	500000.00	497627.77	65704591.75	410.0444	A	1.9

$$y = 8.2399\text{E-}004 * x + 0.0021$$

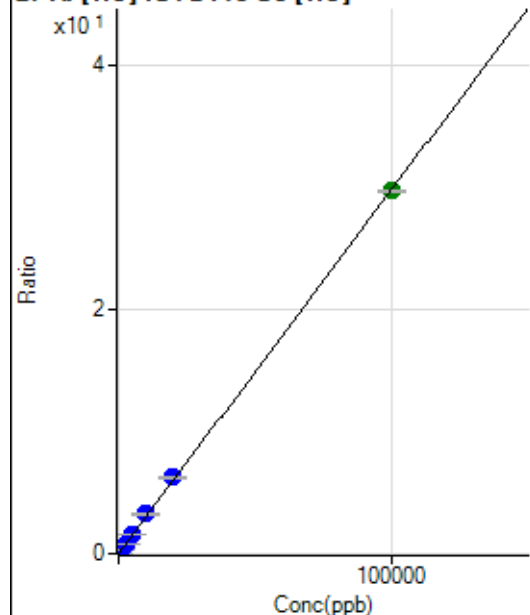
$$R = 0.9998$$

$$DL = 2.161$$

$$BEC = 2.583$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.41	0.0003	P	18.6
2	☐	20.000	27.159	1411.57	0.0084	P	5.2
3	☐	1000.000	1072.431	53948.68	0.3196	P	2.3
4	☐	2500.000	2673.266	127227.26	0.7963	P	4.6
5	☐	5000.000	5354.244	257919.99	1.5945	P	1.3
6	☐	10000.000	10871.909	520211.23	3.2373	P	1.9
7	☐	20000.000	20913.576	1014156.02	6.2271	P	1.8
8	☐	100000.00	99707.324	4757000.65	29.6871	A	0.2

$$y = 2.9774\text{E-}004 * x + 3.3123\text{E-}004$$

$$R = 0.9999$$

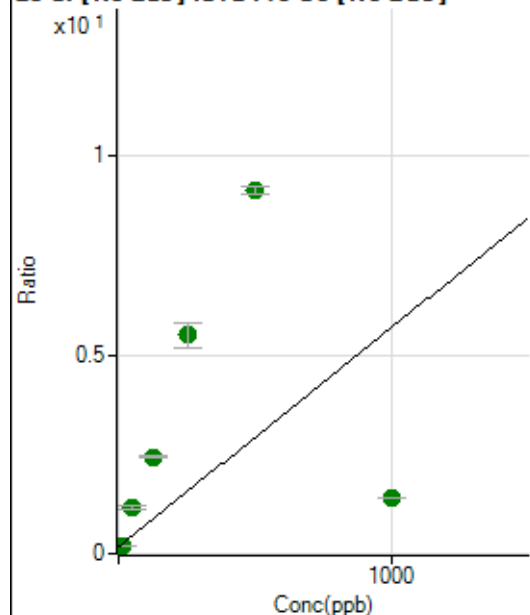
$$DL = 0.6215$$

$$BEC = 1.112$$

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	1008403.61	0.1872	A	2.6
2	☐	10.000	1.659	1067357.16	0.1964	A	4.5
3	☐	50.000	175.125	6107554.91	1.1532	A	6.5
4	☐	125.000	408.711	13305262.10	2.4416	A	0.8
5	☐	250.000	964.295	26113550.76	5.5062	A	11.7
6	☐	500.000	1622.315	49562763.95	9.1357	A	2.3
7	☐	1000.000	218.632	7638855.73	1.3932	A	1.7
8	☐			1639838.78	0.3170	A	0.6

$$y = 0.0055 * x + 0.1872$$

$$R = 0.2997$$

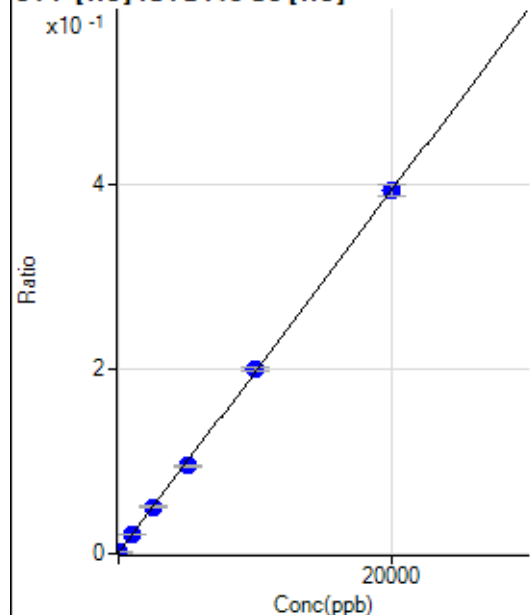
$$DL = 2.619$$

$$BEC = 33.95$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.962	169.45	0.0010	P	20.0
2	☐	0.000	15.962	275.01	0.0016	P	15.7
3	☐	1000.000	970.589	3439.38	0.0204	P	5.0
4	☐	2500.000	2496.673	8046.91	0.0504	P	5.1
5	☐	5000.000	4785.771	15422.49	0.0953	P	3.0
6	☐	10000.000	10148.931	32244.97	0.2007	P	2.3
7	☐	20000.000	19980.978	64137.28	0.3938	P	3.0
8	☐			219.45	0.0014	P	10.8

$$y = 1.9643E-005 * x + 0.0013$$

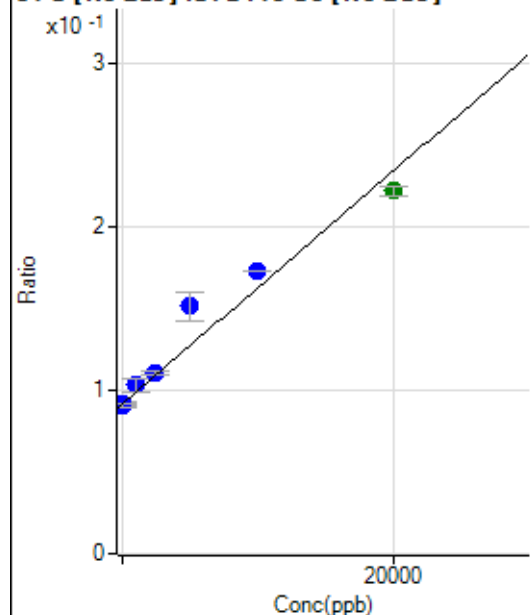
$$R = 0.9999$$

$$DL = 35.12$$

$$BEC = 67.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	59.146	494512.26	0.0918	P	3.1
2	☐	0.000	-59.146	494677.12	0.0910	P	2.0
3	☐	1000.000	1666.920	546897.91	0.1033	P	7.4
4	☐	2500.000	2750.842	605018.01	0.1110	P	1.7
5	☐	5000.000	8399.711	717811.05	0.1513	P	11.6
6	☐	10000.000	11513.169	941601.05	0.1736	P	0.1
7	☐	20000.000	18328.787	1217935.41	0.2222	A	2.8
8	☐			415171.48	0.0803	P	0.5

$$y = 7.1349\text{E-}006 * x + 0.0914$$

$$R = 0.9772$$

$$DL = 969.2$$

$$BEC = 1.281\text{E}+04$$

Weight: <None>

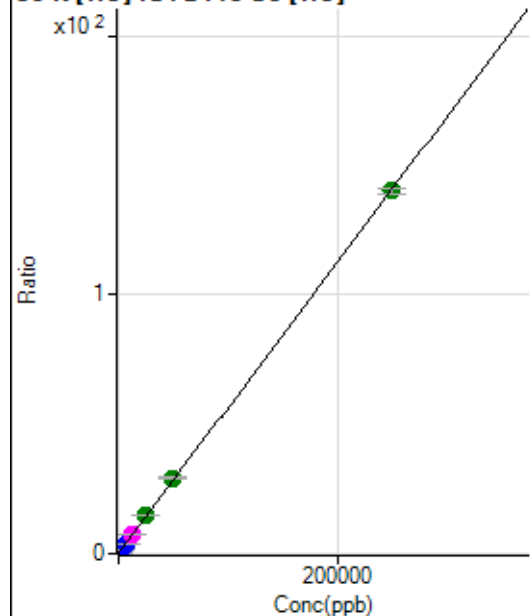
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			159980.36		P	0.6
2	☐			162466.05		P	0.4
3	☐			163920.08		P	0.7
4	☐			166710.92		P	0.4
5	☐			169666.94		P	1.5
6	☐			176856.52		P	0.7
7	☐			168517.63		P	0.7
8	☐			157508.42		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			969.50		P	2.6
2	☐			991.73		P	6.6
3	☐			1041.73		P	3.7
4	☐			1144.52		P	9.7
5	☐			994.51		P	12.7
6	☐			1077.84		P	6.8
7	☐			1111.18		P	11.3
8	☐			1047.29		P	11.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23669.86	0.1416	P	1.8
2	☐	500.000	497.116	70531.40	0.4205	P	1.3
3	☐	2500.000	2595.406	269786.57	1.5981	P	1.2
4	☐	6250.000	6530.844	608225.66	3.8066	P	4.7
5	☐	12500.000	12939.994	1197459.53	7.4034	M	1.5
6	☐	25000.000	26527.730	2414871.49	15.0287	A	1.4
7	☐	50000.000	52003.230	4776055.31	29.3254	A	4.1
8	☐	250000.00	249416.61	22450905.36	140.1123	A	1.4

$$y = 5.6119\text{E-}004 * x + 0.1416$$

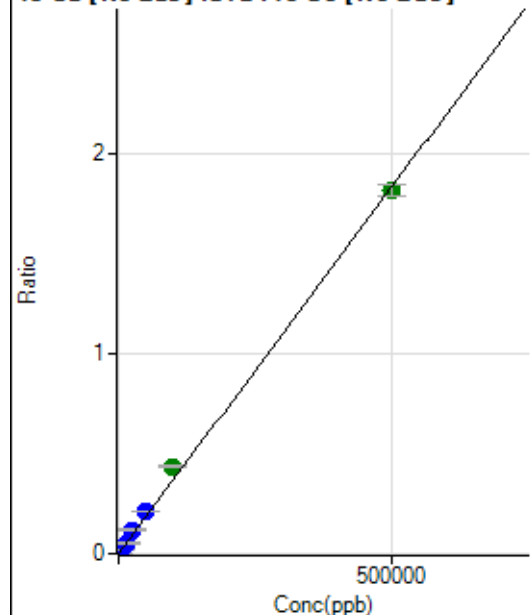
$$R = 1.0000$$

$$DL = 13.77$$

$$BEC = 252.2$$

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	182.90	0.0000	P	8.8
2	☐	500.000	523.816	10631.36	0.0020	P	3.0
3	☐	5000.000	6023.672	117173.04	0.0221	P	7.5
4	☐	12500.000	14355.631	287114.46	0.0527	P	3.3
5	☐	25000.000	32643.419	567898.30	0.1198	P	12.3
6	☐	50000.000	57303.708	1140769.80	0.2103	P	0.1
7	☐	100000.00	118538.66	2384163.26	0.4349	A	2.5
8	☐	500000.00	495123.07	9396363.28	1.8165	A	3.1

$$y = 3.6687E-006 * x + 3.3989E-005$$

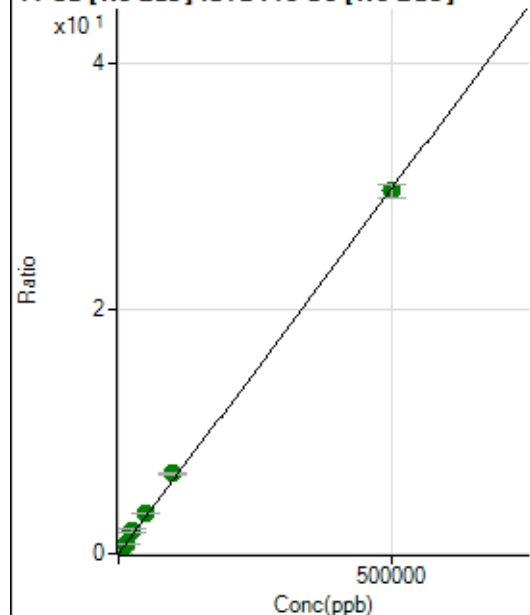
$$R = 0.9992$$

$$DL = 2.443$$

$$BEC = 9.265$$

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	15153.17	0.0028	P	1.6
2	☐	500.000	517.687	182809.21	0.0336	P	1.8
3	☐	5000.000	5896.832	1872036.00	0.3538	A	8.5
4	☐	12500.000	13721.142	4464273.64	0.8194	A	3.7
5	☐	25000.000	30875.472	8716871.87	1.8404	A	13.6
6	☐	50000.000	54942.831	17756869.80	3.2728	A	1.5
7	☐	100000.00	109474.58	35733993.72	6.5182	A	2.1
8	☐	500000.00	497277.51	153106328.6	29.5985	A	3.5

$$y = 5.9515E-005 * x + 0.0028$$

$$R = 0.9998$$

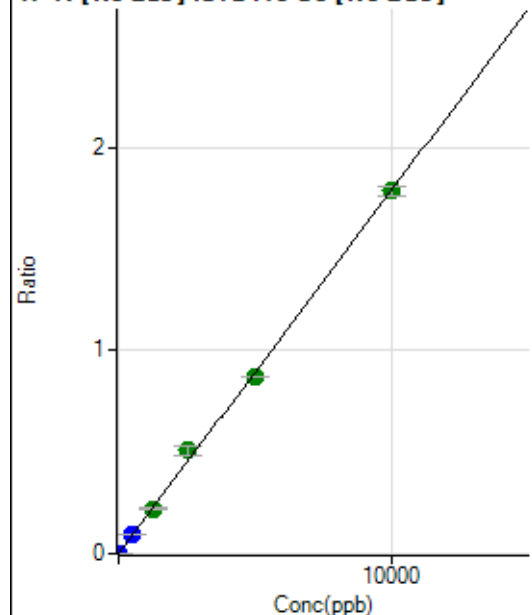
$$DL = 2.213$$

$$BEC = 47.27$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	272.23	0.0001	P	6.6
2	☐	5.000	5.028	5164.98	0.0010	P	4.1
3	☐	500.000	534.443	506826.39	0.0957	P	6.5
4	☐	1250.000	1233.181	1202559.13	0.2207	A	3.7
5	☐	2500.000	2832.419	2405618.48	0.5069	A	10.8
6	☐	5000.000	4863.040	4721775.85	0.8703	A	0.7
7	☐	10000.000	9985.755	9796657.77	1.7871	A	2.5
8	☐			8119.21	0.0016	P	5.4

$$y = 1.7896E-004 * x + 5.0483E-005$$

$$R = 0.9992$$

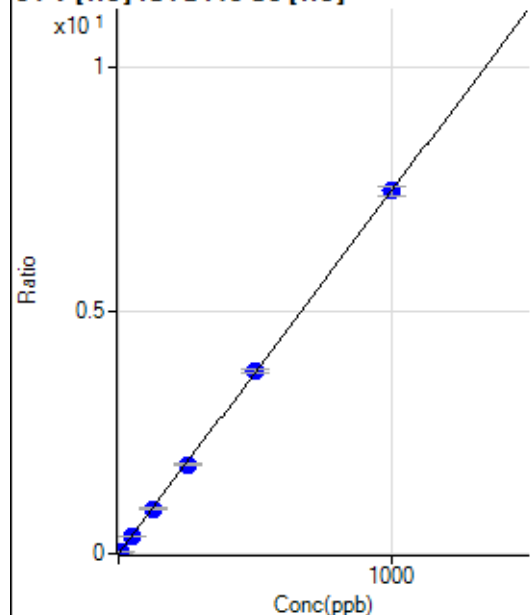
$$DL = 0.05627$$

$$BEC = 0.2821$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0001	P	18.1
2	☐	5.000	4.731	5935.73	0.0354	P	3.9
3	☐	50.000	48.437	61057.63	0.3618	P	2.2
4	☐	125.000	123.338	147168.37	0.9211	P	4.6
5	☐	250.000	244.480	295293.21	1.8257	P	1.7
6	☐	500.000	503.026	603659.72	3.7563	P	1.4
7	☐	1000.000	1000.154	1216325.72	7.4685	P	2.7
8	☐			1844.58	0.0115	P	6.2

$$y = 0.0075 * x + 6.6496E-005$$

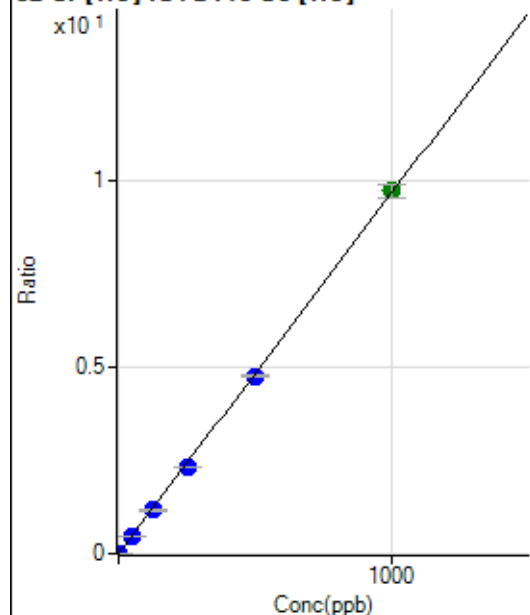
$$R = 1.0000$$

$$DL = 0.004829$$

$$BEC = 0.008905$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	507.79	0.0030	P	4.2
2	☐	2.000	1.876	3542.70	0.0211	P	5.8
3	☐	50.000	47.717	78155.74	0.4630	P	1.9
4	☐	125.000	121.187	187176.07	1.1713	P	4.1
5	☐	250.000	241.241	376642.15	2.3286	P	0.6
6	☐	500.000	492.182	763125.41	4.7476	P	1.0
7	☐	1000.000	1006.690	1580984.78	9.7075	A	3.8
8	☐			12492.23	0.0780	P	3.0

$$y = 0.0096 * x + 0.0030$$

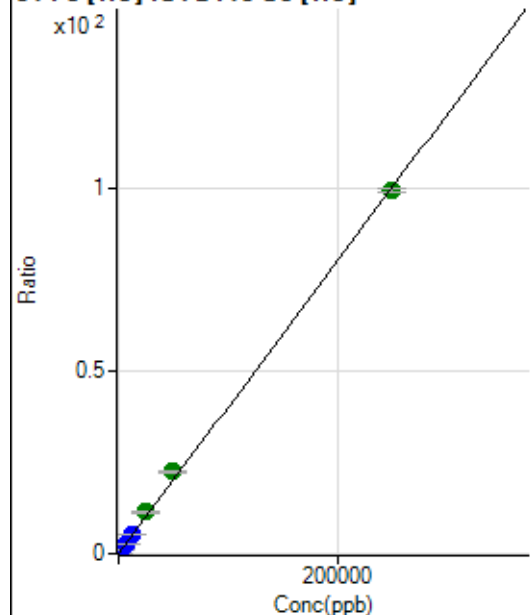
$$R = 0.9999$$

$$DL = 0.04009$$

$$BEC = 0.3151$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	651.88	0.0039	P	11.0
2	☐	50.000	51.504	4108.07	0.0245	P	2.3
3	☐	2500.000	2680.921	181508.61	1.0758	P	3.7
4	☐	6250.000	6805.099	435501.99	2.7248	P	3.6
5	☐	12500.000	13406.995	867709.22	5.3644	P	1.5
6	☐	25000.000	28443.299	1828268.95	11.3764	A	1.3
7	☐	50000.000	56469.417	3677750.14	22.5820	A	2.3
8	☐	250000.00	248300.75	15908466.44	99.2817	A	1.1

$$y = 3.9983E-004 * x + 0.0039$$

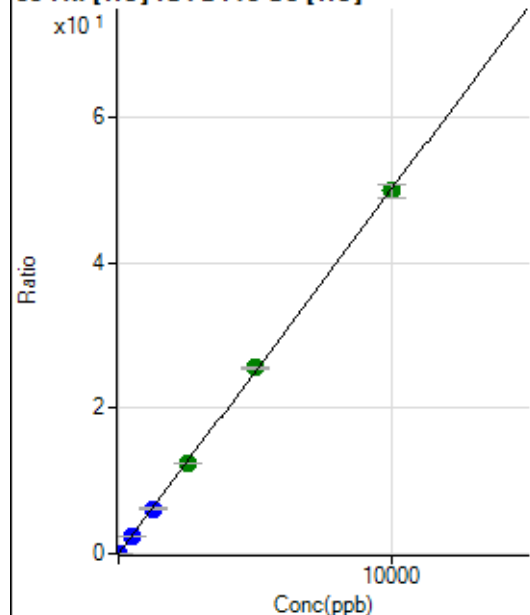
$$R = 0.9996$$

$$DL = 3.221$$

$$BEC = 9.753$$

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	33.33	0.0002	P	9.9
2	☐	1.000	0.962	841.15	0.0050	P	3.8
3	☐	500.000	484.364	409218.25	2.4245	P	2.1
4	☐	1250.000	1239.400	991349.52	6.2036	P	4.3
5	☐	2500.000	2470.833	2000421.15	12.3672	A	0.6
6	☐	5000.000	5102.568	4104022.58	25.5395	A	1.1
7	☐	10000.000	9958.115	8117460.36	49.8424	A	3.5
8	☐			7819.99	0.0488	P	2.9

$$y = 0.0050 * x + 1.9934E-004$$

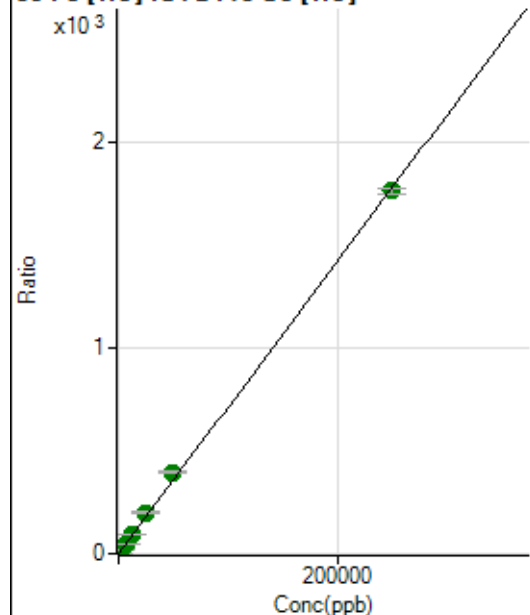
$$R = 0.9999$$

$$DL = 0.01187$$

$$BEC = 0.03983$$

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	3226.35	0.0193	P	3.3
2	☐	50.000	52.938	66352.06	0.3956	P	0.9
3	☐	2500.000	2742.004	3293230.11	19.5116	A	2.1
4	☐	6250.000	6909.757	7855138.08	49.1392	A	3.5
5	☐	12500.000	13704.389	15761264.82	97.4407	A	1.5
6	☐	25000.000	28282.009	32313856.74	201.0697	A	0.4
7	☐	50000.000	55568.407	64337506.07	395.0426	A	3.2
8	☐	250000.00	248478.98	283040767.4	1,766.400	A	1.8

$$y = 0.0071 * x + 0.0193$$

$$R = 0.9997$$

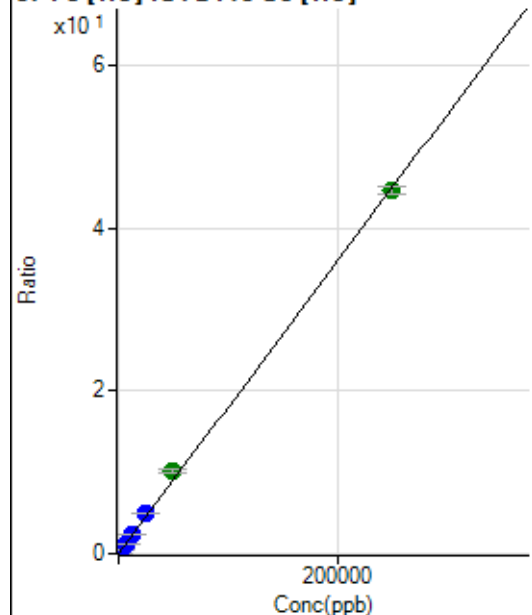
$$DL = 0.2698$$

$$BEC = 2.715$$

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	290.75	0.0017	P	5.1
2	☐	50.000	51.203	1833.48	0.0109	P	5.1
3	☐	2500.000	2623.985	79796.72	0.4728	P	2.9
4	☐	6250.000	6678.589	191926.31	1.2007	P	3.4
5	☐	12500.000	13177.617	382946.77	2.3674	P	1.8
6	☐	25000.000	27114.802	782638.70	4.8695	P	0.3
7	☐	50000.000	56709.044	1658329.77	10.1823	A	4.1
8	☐	250000.00	248400.87	7145950.10	44.5955	A	2.2

$$y = 1.7952\text{E-}004 * x + 0.0017$$

$$R = 0.9996$$

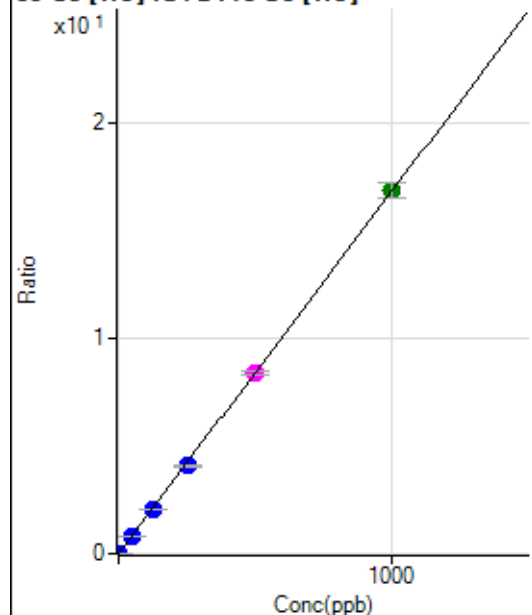
$$DL = 1.495$$

$$BEC = 9.687$$

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	94.45	0.0006	P	18.4
2	☐	1.000	0.929	2718.07	0.0162	P	1.4
3	☐	50.000	48.718	138533.57	0.8209	P	3.1
4	☐	125.000	122.142	328758.83	2.0572	P	4.1
5	☐	250.000	243.376	662909.41	4.0986	P	1.9
6	☐	500.000	499.080	1350647.98	8.4042	M	2.3
7	☐	1000.000	1002.537	2749410.01	16.8816	A	4.3
8	☐			2336.88	0.0146	P	3.6

$$y = 0.0168 * x + 5.6522\text{E-}004$$

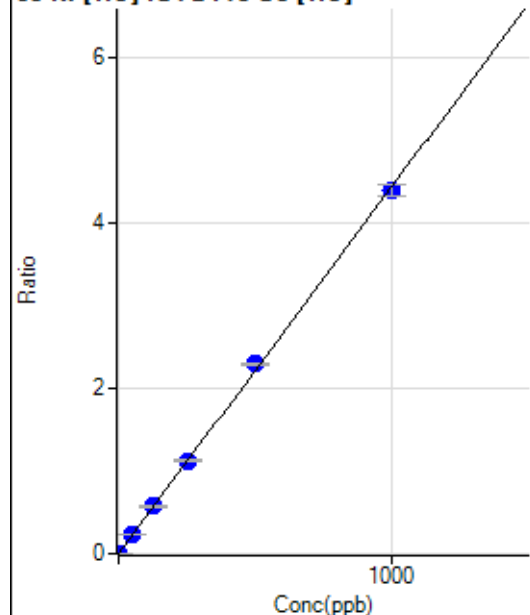
$$R = 1.0000$$

$$DL = 0.01851$$

$$BEC = 0.03357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.44	0.0003	P	34.3
2	☐	1.000	0.971	776.69	0.0046	P	7.6
3	☐	50.000	50.633	37935.03	0.2247	P	2.2
4	☐	125.000	128.590	91139.12	0.5703	P	3.9
5	☐	250.000	253.945	182100.07	1.1259	P	1.7
6	☐	500.000	517.488	368635.45	2.2940	P	1.4
7	☐	1000.000	989.789	714523.96	4.3873	P	3.1
8	☐			2017.94	0.0126	P	2.3

$$y = 0.0044 * x + 3.2508E-004$$

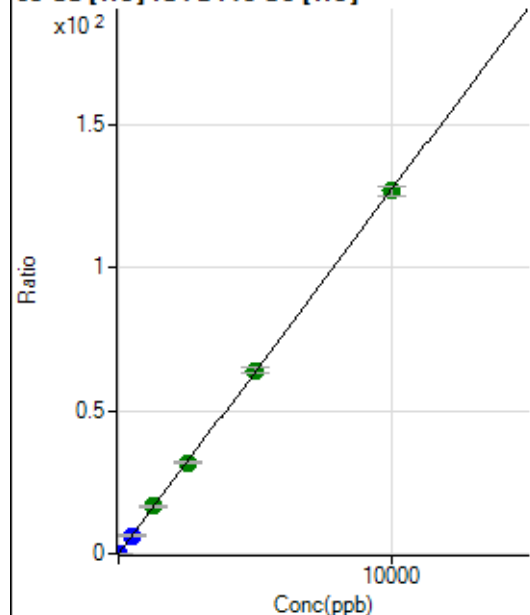
$$R = 0.9998$$

$$DL = 0.07553$$

$$BEC = 0.07334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1302.29	0.0078	P	6.1
2	☐	2.000	1.972	5510.01	0.0329	P	1.1
3	☐	500.000	498.990	1072225.00	6.3519	P	1.6
4	☐	1250.000	1304.497	2650649.23	16.5929	A	5.3
5	☐	2500.000	2502.916	5148885.83	31.8294	A	2.8
6	☐	5000.000	5041.127	10300395.19	64.0997	A	3.3
7	☐	10000.000	9971.946	20649210.81	126.7893	A	2.6
8	☐			7269.70	0.0454	P	1.2

$$y = 0.0127 * x + 0.0078$$

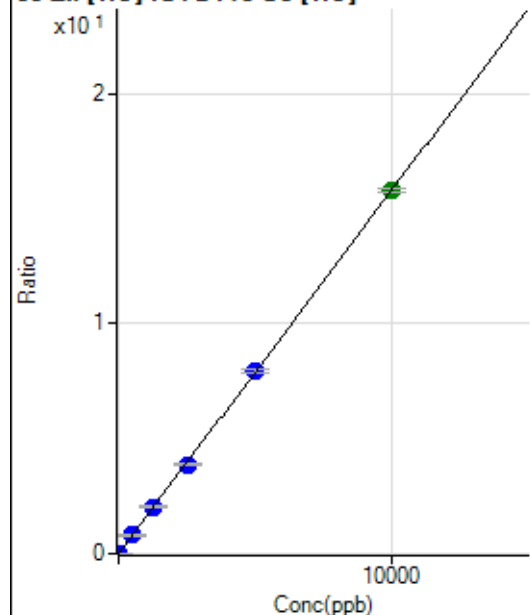
$$R = 1.0000$$

$$DL = 0.1123$$

$$BEC = 0.6125$$

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	128.89	0.0008	P	21.1
2	☐	2.000	2.502	792.25	0.0047	P	4.7
3	☐	500.000	509.541	135974.08	0.8058	P	3.1
4	☐	1250.000	1281.311	323550.16	2.0251	P	4.9
5	☐	2500.000	2458.418	628374.63	3.8848	P	0.6
6	☐	5000.000	5030.635	1277370.23	7.9487	P	2.2
7	☐	10000.000	9990.687	2570765.81	15.7851	A	0.9
8	☐			2235.75	0.0140	P	2.5

$$y = 0.0016 * x + 7.7029E-004$$

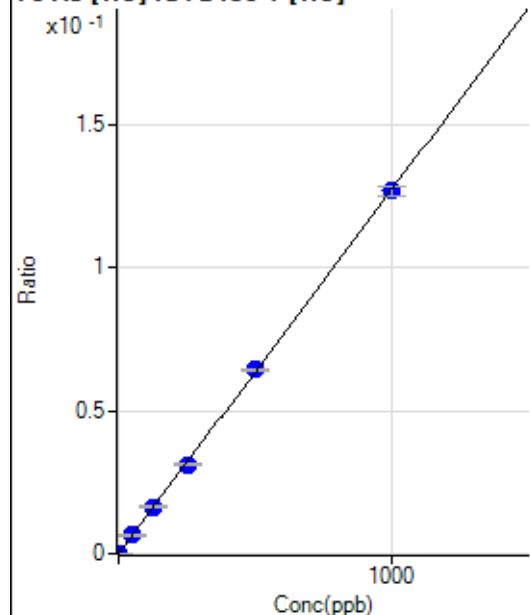
$$R = 1.0000$$

$$DL = 0.3086$$

$$BEC = 0.4876$$

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	5.33	0.0000	P	59.7
2	☐	1.000	1.104	176.02	0.0001	P	4.0
3	☐	50.000	50.816	7989.07	0.0065	P	3.0
4	☐	125.000	127.812	18806.70	0.0162	P	5.3
5	☐	250.000	245.815	37052.36	0.0312	P	1.1
6	☐	500.000	505.791	75794.09	0.0642	P	1.0
7	☐	1000.000	997.758	153213.92	0.1267	P	2.4
8	☐			135.35	0.0001	P	18.2

$$y = 1.2695E-004 * x + 4.3549E-006$$

$$R = 1.0000$$

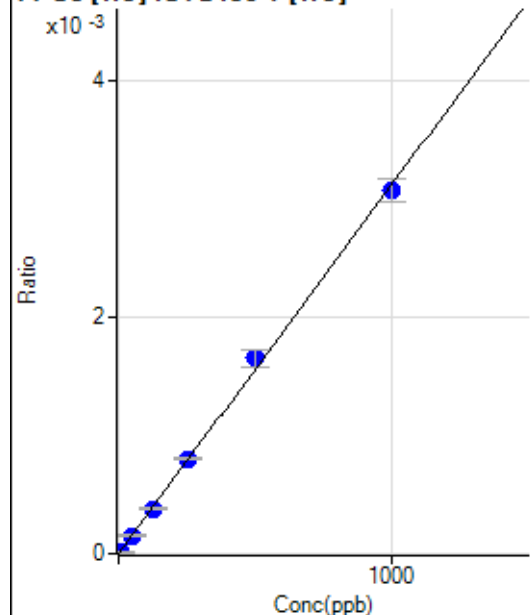
$$DL = 0.06146$$

$$BEC = 0.03431$$

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	1.11	0.0000	P	173.
2	☐	5.000	2.923	12.22	0.0000	P	78.4
3	☐	50.000	48.986	190.00	0.0002	P	6.7
4	☐	125.000	122.045	443.35	0.0004	P	1.7
5	☐	250.000	256.510	951.16	0.0008	P	2.4
6	☐	500.000	529.623	1947.94	0.0017	P	8.4
7	☐	1000.000	983.991	3713.86	0.0031	P	6.2
8	☐			8.89	0.0000	P	21.5

$$y = 3.1191\text{E-}006 * x + 9.0291\text{E-}007$$

$$R = 0.9993$$

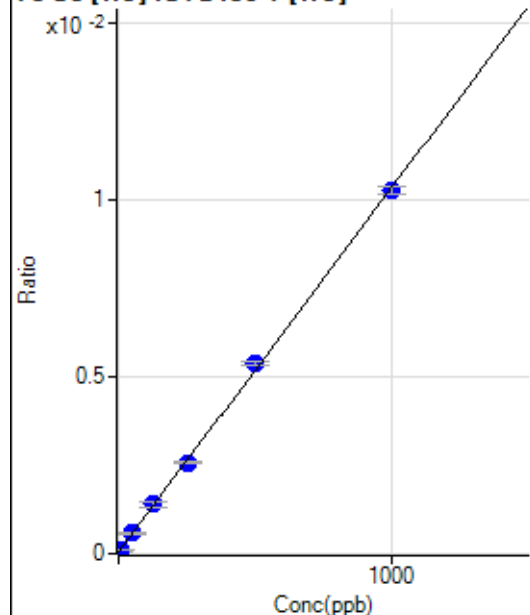
$$DL = 1.504$$

$$BEC = 0.2895$$

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	67.34	0.0001	P	7.9
2	☐	5.000	4.759	126.68	0.0001	P	4.2
3	☐	50.000	51.358	719.43	0.0006	P	9.3
4	☐	125.000	129.782	1606.59	0.0014	P	8.5
5	☐	250.000	245.360	3057.65	0.0026	P	1.2
6	☐	500.000	517.390	6337.07	0.0054	P	1.6
7	☐	1000.000	991.800	12388.36	0.0102	P	2.0
8	☐			65.01	0.0001	P	7.8

$$y = 1.0271\text{E-}005 * x + 5.5115\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.273$$

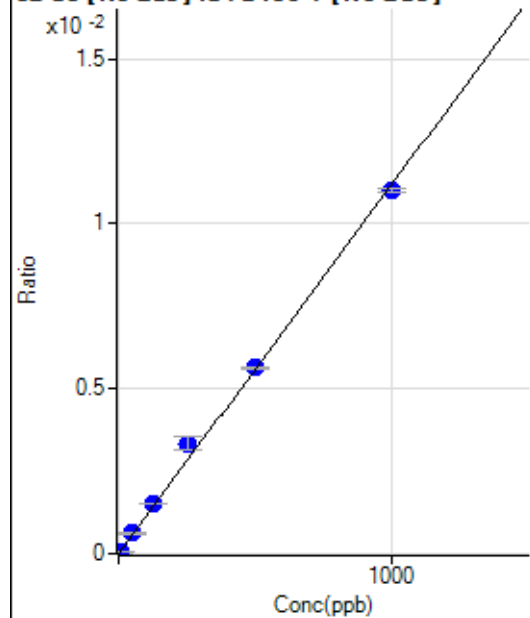
$$BEC = 5.366$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40390.13		P	2.2
2	☐			41929.81		P	2.6
3	☐			41340.30		P	1.6
4	☐			40035.51		P	3.2
5	☐			39867.75		P	3.7
6	☐			38395.66		P	5.1
7	☐			38345.67		P	3.8
8	☐			37328.30		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	266.
2	☐	5.000	5.344	689.12	0.0001	P	6.7
3	☐	50.000	56.237	6805.55	0.0006	P	8.9
4	☐	125.000	134.899	16490.90	0.0015	P	1.3
5	☐	250.000	299.391	33507.52	0.0033	P	13.1
6	☐	500.000	505.006	63596.26	0.0056	P	1.1
7	☐	1000.000	983.598	126094.83	0.0110	P	1.0
8	☐			349.55	0.0000	P	6.1

$$y = 1.1182E-005 * x + 2.1261E-006$$

$$R = 0.9986$$

$$DL = 1.522$$

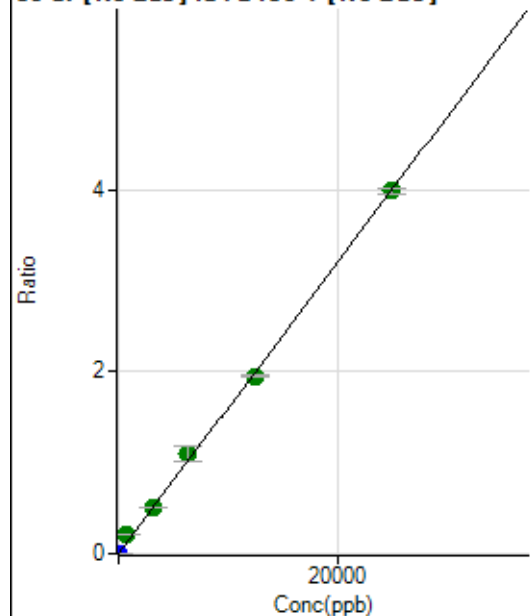
$$BEC = 0.1901$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			329.55		P	5.2
2	☐			327.46		P	7.5
3	☐			321.63		P	1.4
4	☐			327.46		P	2.3
5	☐			302.05		P	4.2
6	☐			369.54		P	2.4
7	☐			372.04		P	3.6
8	☐			363.29		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	505.58	0.0000	P	15.1
2	☐	1.000	0.981	2244.69	0.0002	P	3.1
3	☐	625.000	1318.810	2274154.39	0.2107	A	7.5
4	☐	3125.000	3130.115	5459135.11	0.5000	A	0.7
5	☐	6250.000	6907.861	11014078.63	1.1034	A	15.7
6	☐	12500.000	12201.086	21941164.90	1.9489	A	1.4
7	☐	25000.000	24967.007	45716406.93	3.9880	A	1.8
8	☐			15083.85	0.0014	P	12.0

$$y = 1.5973E-004 * x + 4.5107E-005$$

$$R = 0.9992$$

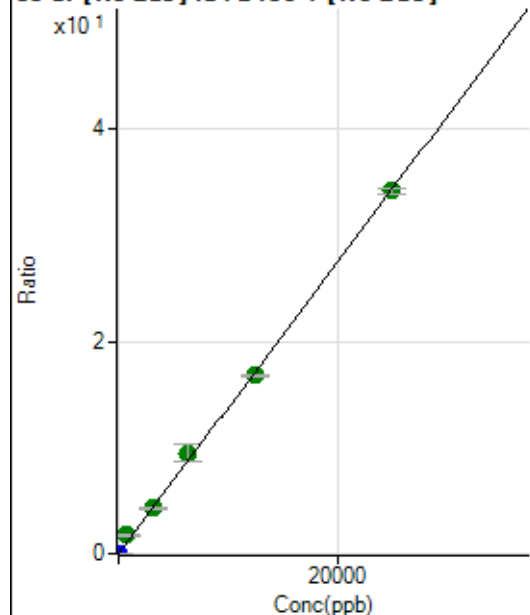
$$DL = 0.128$$

$$BEC = 0.2824$$

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	216.67	0.0000	P	65.2
2	☐	1.000	0.989	15269.93	0.0014	P	0.7
3	☐	625.000	1276.732	18861633.41	1.7481	A	8.0
4	☐	3125.000	3114.094	46538107.98	4.2637	A	4.2
5	☐	6250.000	6925.183	94629280.59	9.4816	A	15.9
6	☐	12500.000	12248.394	188828613.9	16.7699	A	1.8
7	☐	25000.000	24942.077	391451122.6	34.1495	A	1.8
8	☐			130044.51	0.0121	P	9.9

$$y = 0.0014 * x + 1.9245E-005$$

$$R = 0.9993$$

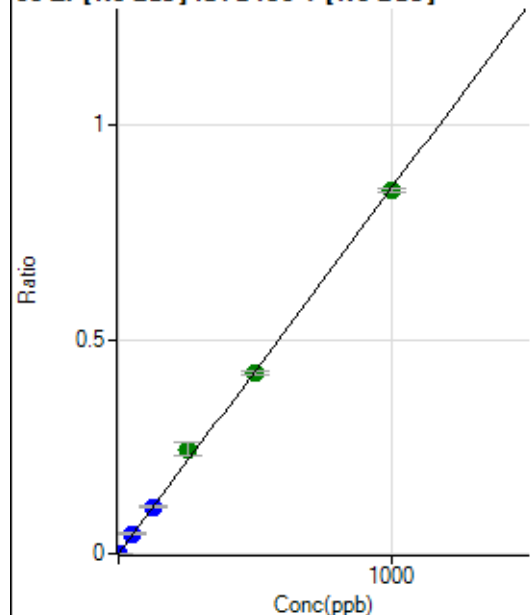
$$DL = 0.0275$$

$$BEC = 0.01406$$

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	455.58	0.0000	P	12.4
2	☐	1.000	0.974	9684.18	0.0009	P	4.7
3	☐	50.000	53.704	494978.09	0.0459	P	7.4
4	☐	125.000	127.064	1183903.73	0.1084	P	3.3
5	☐	250.000	285.472	2437289.53	0.2436	A	12.8
6	☐	500.000	496.173	4766910.39	0.4234	A	2.3
7	☐	1000.000	992.602	9707800.91	0.8469	A	0.9
8	☐			3086.54	0.0003	P	7.5

$$y = 8.5317E-004 * x + 4.0659E-005$$

$$R = 0.9993$$

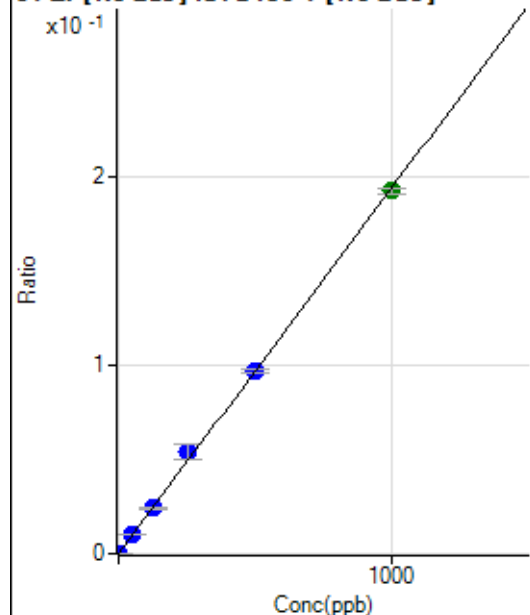
$$DL = 0.01773$$

$$BEC = 0.04766$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.12	0.0000	P	26.3
2	☐	1.000	1.007	2255.80	0.0002	P	2.0
3	☐	50.000	51.917	108697.04	0.0101	P	6.6
4	☐	125.000	125.400	265303.21	0.0243	P	3.2
5	☐	250.000	278.950	539999.06	0.0541	P	14.7
6	☐	500.000	499.308	1089214.61	0.0968	P	1.7
7	☐	1000.000	992.963	2205462.81	0.1924	A	1.7
8	☐			705.59	0.0001	P	17.1

$$y = 1.9376\text{E-}004 * x + 7.7240\text{E-}006$$

$$R = 0.9995$$

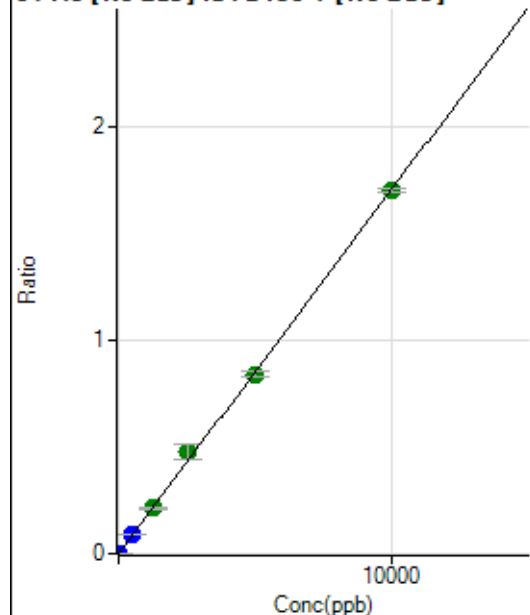
$$DL = 0.03149$$

$$BEC = 0.03986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	29.0
2	☐	5.000	5.847	11232.59	0.0010	P	2.8
3	☐	500.000	536.470	987895.86	0.0915	P	5.8
4	☐	1250.000	1249.805	2325665.98	0.2131	A	3.8
5	☐	2500.000	2792.807	4752271.07	0.4761	A	15.8
6	☐	5000.000	4916.965	9437135.54	0.8382	A	3.3
7	☐	10000.000	9966.516	19475222.13	1.6990	A	1.2
8	☐			7705.15	0.0007	P	6.8

$$y = 1.7047\text{E-}004 * x + 1.3708\text{E-}005$$

$$R = 0.9995$$

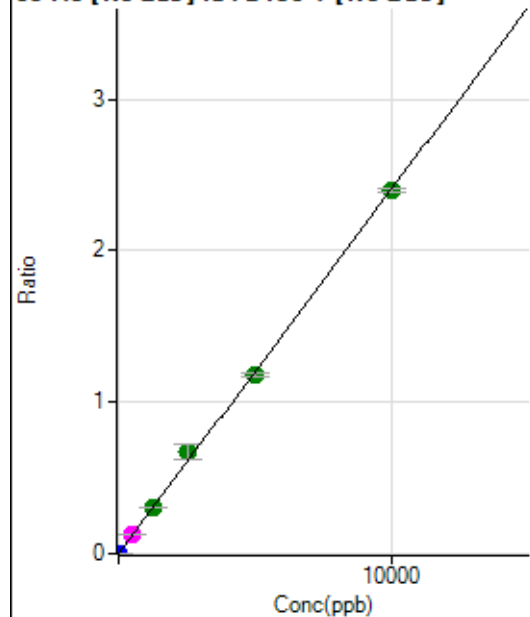
$$DL = 0.06993$$

$$BEC = 0.08041$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.66	0.0000	P	36.7
2	☐	5.000	4.997	13409.67	0.0012	P	1.5
3	☐	500.000	525.453	1364560.50	0.1264	M	7.1
4	☐	1250.000	1266.106	3324858.15	0.3046	A	2.7
5	☐	2500.000	2817.090	6769944.38	0.6777	A	14.8
6	☐	5000.000	4923.708	13334849.17	1.1845	A	2.5
7	☐	10000.000	9955.587	27452947.49	2.3950	A	1.0
8	☐			10801.82	0.0010	P	10.0

$$y = 2.4057\text{E-}004 * x + 3.7413\text{E-}006$$

$$R = 0.9994$$

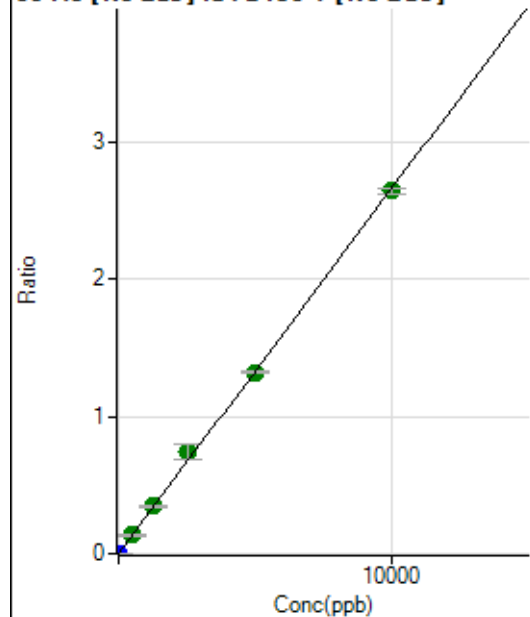
$$DL = 0.01713$$

$$BEC = 0.01555$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0000	P	1.2
2	☐	5.000	5.080	15203.17	0.0014	P	3.7
3	☐	500.000	523.828	1504122.49	0.1396	A	10.5
4	☐	1250.000	1292.778	3759354.16	0.3444	A	2.7
5	☐	2500.000	2774.955	7379175.60	0.7392	A	15.6
6	☐	5000.000	4969.764	14903634.71	1.3239	A	1.1
7	☐	10000.000	9939.841	30350345.12	2.6478	A	1.8
8	☐			20488.08	0.0019	P	5.5

$$y = 2.6638\text{E-}004 * x + 1.4649\text{E-}005$$

$$R = 0.9996$$

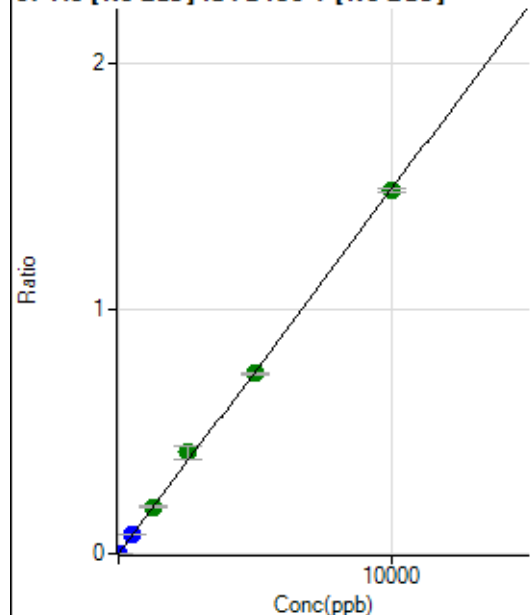
$$DL = 0.002037$$

$$BEC = 0.05499$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	98.8
2	☐	5.000	5.162	8552.88	0.0008	P	1.5
3	☐	500.000	525.432	844139.97	0.0782	P	7.9
4	☐	1250.000	1276.929	2075183.90	0.1901	A	3.1
5	☐	2500.000	2787.455	4151004.78	0.4150	A	13.1
6	☐	5000.000	4943.072	8284611.47	0.7359	A	1.6
7	☐	10000.000	9951.962	16983845.86	1.4817	A	1.1
8	☐			6793.54	0.0006	P	7.5

$$y = 1.4888E-004 * x + 7.4237E-007$$

$$R = 0.9995$$

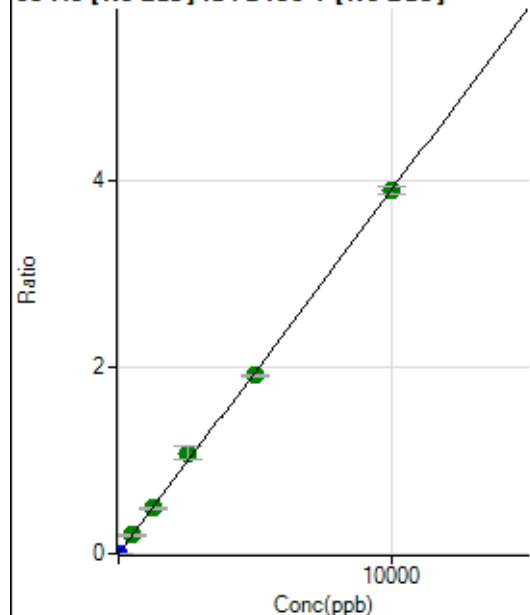
$$DL = 0.01478$$

$$BEC = 0.004986$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	64.6
2	☐	5.000	4.836	21038.76	0.0019	P	1.6
3	☐	500.000	509.286	2145613.18	0.1988	A	7.3
4	☐	1250.000	1257.350	5356887.23	0.4908	A	3.5
5	☐	2500.000	2753.819	10746598.59	1.0749	A	13.7
6	☐	5000.000	4910.586	21576772.88	1.9167	A	1.4
7	☐	10000.000	9979.869	44649919.75	3.8954	A	2.0
8	☐			16935.95	0.0016	P	7.7

$$y = 3.9032E-004 * x + 3.9419E-006$$

$$R = 0.9996$$

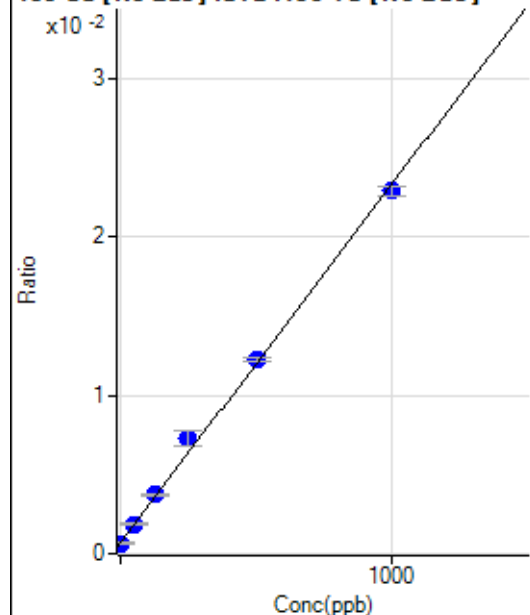
$$DL = 0.01956$$

$$BEC = 0.0101$$

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	4486.97	0.0007	P	2.5
2	☐	1.000	0.110	4364.71	0.0007	P	5.8
3	☐	50.000	54.136	12411.48	0.0019	P	1.4
4	☐	125.000	135.686	25098.51	0.0037	P	1.9
5	☐	250.000	291.541	45032.79	0.0073	P	12.5
6	☐	500.000	513.138	85080.52	0.0123	P	2.1
7	☐	1000.000	981.504	163823.08	0.0229	P	2.4
8	☐			3956.23	0.0006	P	8.4

$$y = 2.2641\text{E-}005 * x + 6.5308\text{E-}004$$

$$R = 0.9989$$

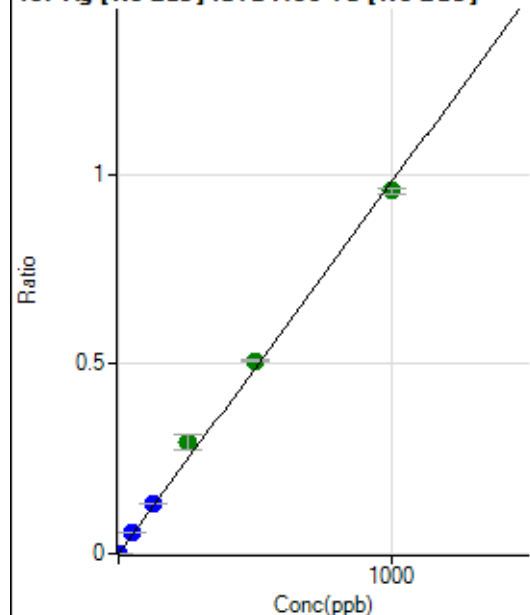
$$DL = 2.168$$

$$BEC = 28.84$$

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	269.46	0.0000	P	27.7
2	☐	1.000	1.099	7427.21	0.0011	P	3.8
3	☐	50.000	56.214	363768.07	0.0551	P	4.1
4	☐	125.000	134.708	889407.32	0.1320	P	0.9
5	☐	250.000	298.071	1811079.67	0.2920	A	13.8
6	☐	500.000	518.541	3522212.06	0.5080	A	1.2
7	☐	1000.000	977.187	6855029.32	0.9572	A	1.6
8	☐			8441.73	0.0012	P	3.1

$$y = 9.7952\text{E-}004 * x + 3.9369\text{E-}005$$

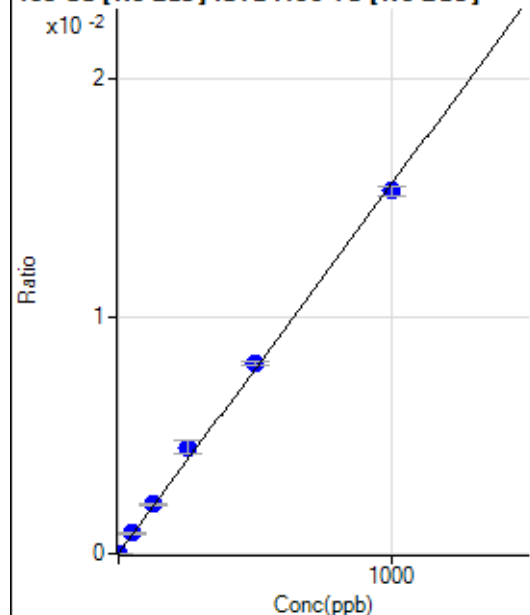
$$R = 0.9984$$

$$DL = 0.03337$$

$$BEC = 0.04019$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.39	0.0000	P	18.1
2	☐	1.000	1.181	148.61	0.0000	P	12.7
3	☐	50.000	55.343	5720.71	0.0009	P	4.8
4	☐	125.000	133.116	14003.10	0.0021	P	1.7
5	☐	250.000	287.921	27871.39	0.0045	P	12.7
6	☐	500.000	514.463	55609.33	0.0080	P	1.8
7	☐	1000.000	982.007	109599.15	0.0153	P	2.5
8	☐			87.50	0.0000	P	29.3

$$y = 1.5582\text{E-}005 * x + 3.8420\text{E-}006$$

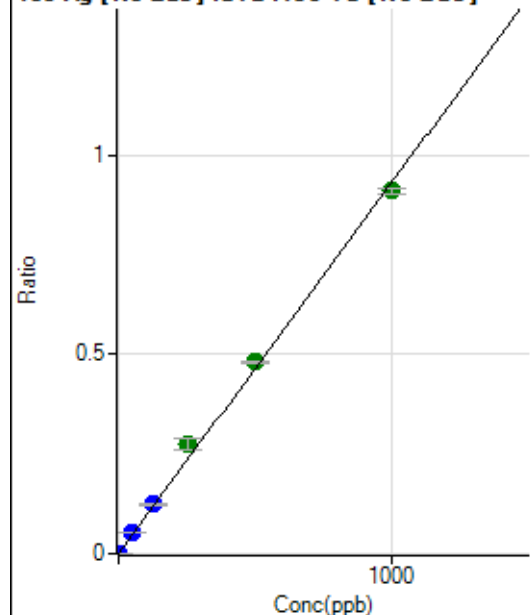
$$R = 0.9990$$

$$DL = 0.1337$$

$$BEC = 0.2466$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0000	P	33.8
2	☐	1.000	1.090	6968.67	0.0010	P	8.7
3	☐	50.000	56.012	344007.58	0.0521	P	5.4
4	☐	125.000	132.789	832202.82	0.1235	P	2.1
5	☐	250.000	295.770	1708744.48	0.2751	A	11.7
6	☐	500.000	517.392	3336538.68	0.4812	A	1.0
7	☐	1000.000	978.587	6518919.29	0.9101	A	1.5
8	☐			8099.83	0.0012	P	4.1

$$y = 9.2995\text{E-}004 * x + 3.4091\text{E-}005$$

$$R = 0.9986$$

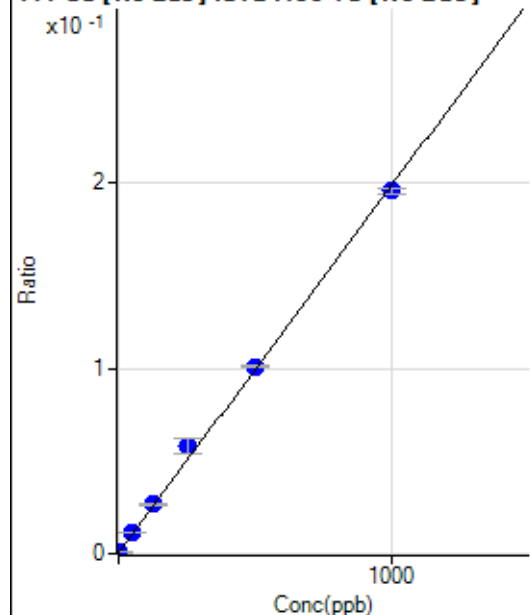
$$DL = 0.03715$$

$$BEC = 0.03666$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3133.51	0.0005	P	2.6
2	☐	1.000	1.027	4394.42	0.0007	P	4.0
3	☐	50.000	56.368	76841.32	0.0116	P	3.5
4	☐	125.000	131.900	179365.63	0.0266	P	1.5
5	☐	250.000	291.054	361241.81	0.0582	P	12.6
6	☐	500.000	506.049	699213.22	0.1008	P	1.0
7	☐	1000.000	985.531	1403471.21	0.1960	P	1.3
8	☐			3231.74	0.0005	P	6.5

$$y = 1.9837\text{E-}004 * x + 4.5607\text{E-}004$$

$$R = 0.9990$$

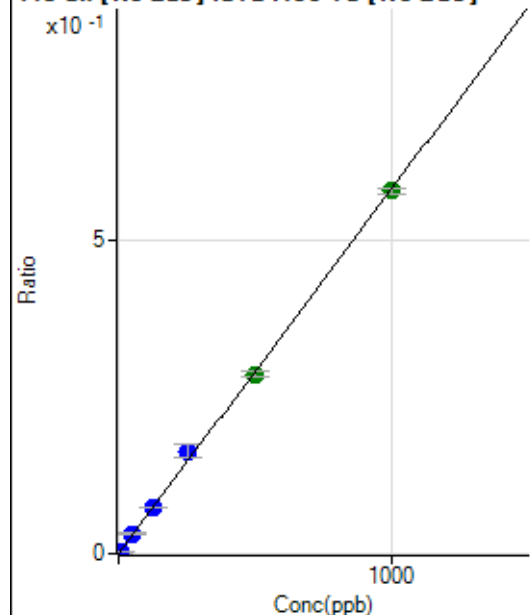
$$DL = 0.1826$$

$$BEC = 2.299$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.47	0.0001	P	13.5
2	☐	5.000	5.303	20991.70	0.0032	P	3.6
3	☐	50.000	54.399	209065.92	0.0317	P	5.3
4	☐	125.000	126.546	495885.19	0.0736	P	0.5
5	☐	250.000	281.991	1016815.53	0.1639	P	13.5
6	☐	500.000	492.798	1985781.79	0.2864	A	2.5
7	☐	1000.000	995.188	4141284.82	0.5783	A	1.7
8	☐			6232.15	0.0009	P	2.3

$$y = 5.8100\text{E-}004 * x + 7.2122\text{E-}005$$

$$R = 0.9994$$

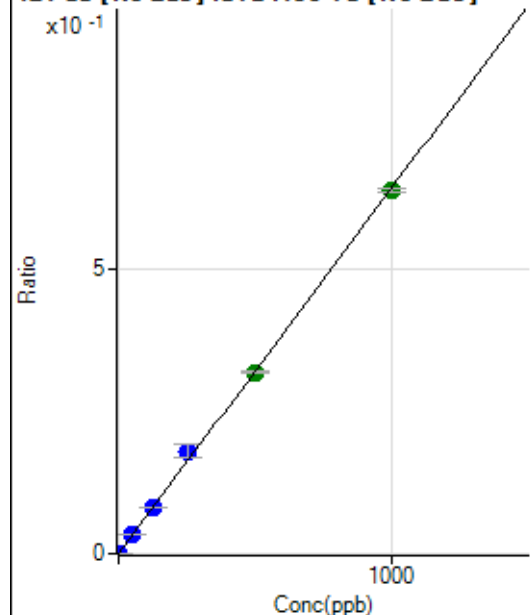
$$DL = 0.05011$$

$$BEC = 0.1241$$

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	30.56	0.0000	P	80.9
2	☐	2.000	1.988	8497.33	0.0013	P	2.9
3	☐	50.000	53.494	225973.48	0.0342	P	4.0
4	☐	125.000	127.763	550813.52	0.0817	P	0.6
5	☐	250.000	281.508	1116749.81	0.1801	P	14.2
6	☐	500.000	497.228	2205752.11	0.3181	A	1.6
7	☐	1000.000	992.989	4550461.99	0.6353	A	1.1
8	☐			20849.71	0.0031	P	2.1

$$y = 6.3979\text{E-}004 * x + 4.3986\text{E-}006$$

$$R = 0.9994$$

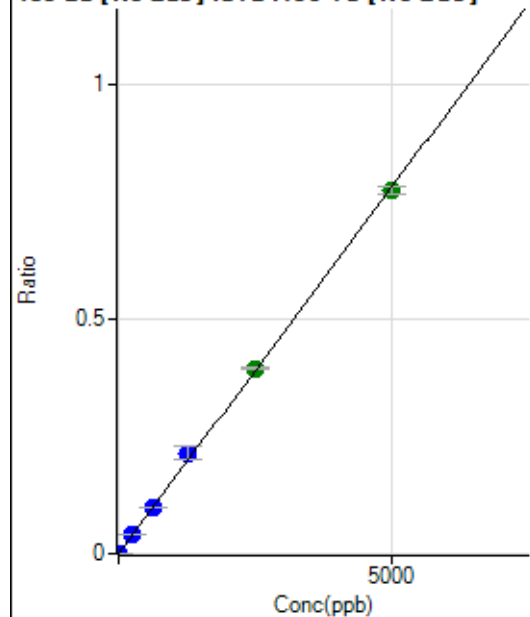
$$DL = 0.01669$$

$$BEC = 0.006875$$

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	22.22	0.0000	P	78.4
2	☐	10.000	9.812	10212.43	0.0015	P	5.8
3	☐	250.000	259.368	267252.51	0.0405	P	4.6
4	☐	625.000	628.380	660888.44	0.0981	P	1.8
5	☐	1250.000	1375.145	1332325.95	0.2146	P	12.7
6	☐	2500.000	2529.201	2737354.86	0.3948	A	0.6
7	☐	5000.000	4953.223	5537327.08	0.7731	A	2.0
8	☐			6215.51	0.0009	P	2.8

$$y = 1.5608\text{E-}004 * x + 3.2561\text{E-}006$$

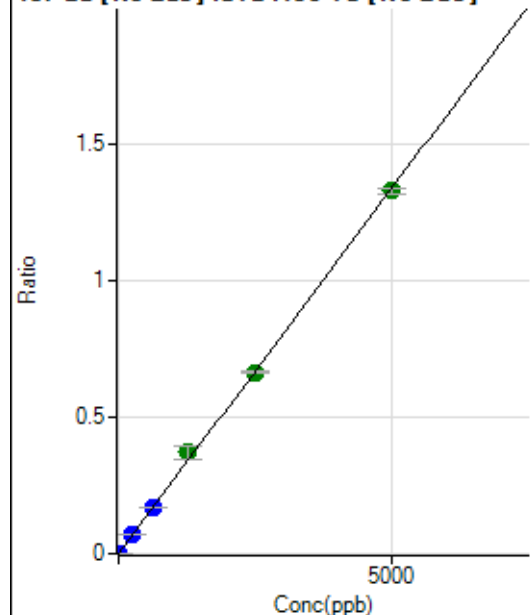
$$R = 0.9996$$

$$DL = 0.04904$$

$$BEC = 0.02086$$

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	13.89	0.0000	P	91.2
2	☐	10.000	10.022	17815.10	0.0027	P	5.6
3	☐	250.000	264.962	466811.18	0.0707	P	5.3
4	☐	625.000	634.241	1140898.17	0.1693	P	1.2
5	☐	1250.000	1389.366	2300536.62	0.3709	A	13.6
6	☐	2500.000	2488.457	4606099.41	0.6643	A	0.3
7	☐	5000.000	4969.027	9499541.62	1.3265	A	1.5
8	☐			10665.63	0.0016	P	4.7

$$y = 2.6694E-004 * x + 2.0497E-006$$

$$R = 0.9996$$

$$DL = 0.02101$$

$$BEC = 0.007678$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			2.22		P	173.
3	☐			37.78		P	27.0
4	☐			64.45		P	31.6
5	☐			188.89		P	15.9
6	☐			340.01		P	9.8
7	☐			533.35		P	12.3
8	☐			37.78		P	36.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			4.45		P	86.6
4	☐			8.89		P	21.6
5	☐			7.78		P	49.5
6	☐			27.78		P	48.5
7	☐			23.33		P	14.3
8	☐			15.56		P	32.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			2.78		P	173.
3	☐			33.33		P	66.2
4	☐			61.11		P	31.5
5	☐			116.67		P	21.4
6	☐			180.56		P	25.4
7	☐			297.23		P	3.2
8	☐			938.95		P	10.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			3.33		P	100.
3	☐			11.11		P	34.6
4	☐			21.11		P	39.7
5	☐			41.11		P	36.6
6	☐			102.23		P	9.4
7	☐			146.67		P	2.3
8	☐			387.79		P	7.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	39.8
2	☐			77.78		P	40.6
3	☐			80.56		P	6.0
4	☐			47.22		P	53.9
5	☐			133.34		P	12.5
6	☐			191.68		P	19.9
7	☐			222.23		P	10.8
8	☐			1025.07		P	17.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	9.9
2	☐			96.67		P	3.5
3	☐			103.33		P	19.6
4	☐			126.67		P	13.2
5	☐			124.45		P	18.8
6	☐			166.67		P	10.6
7	☐			171.12		P	14.1
8	☐			525.57		P	11.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	28.6
2	☐			41.67		P	52.9
3	☐			52.78		P	18.2
4	☐			75.00		P	29.4
5	☐			47.22		P	83.4
6	☐			86.11		P	31.1
7	☐			77.78		P	12.4
8	☐			111.11		P	11.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐			13.33		P	25.0
3	☐			27.78		P	25.0
4	☐			23.33		P	14.3
5	☐			36.66		P	31.5
6	☐			41.11		P	61.4
7	☐			23.34		P	24.7
8	☐			31.11		P	24.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	53.3
2	☐			36.11		P	13.3
3	☐			58.34		P	49.5
4	☐			44.44		P	28.6
5	☐			80.56		P	31.6
6	☐			102.78		P	28.5
7	☐			125.00		P	24.0
8	☐			383.35		P	8.7

172 Yb [He] No available calibration points

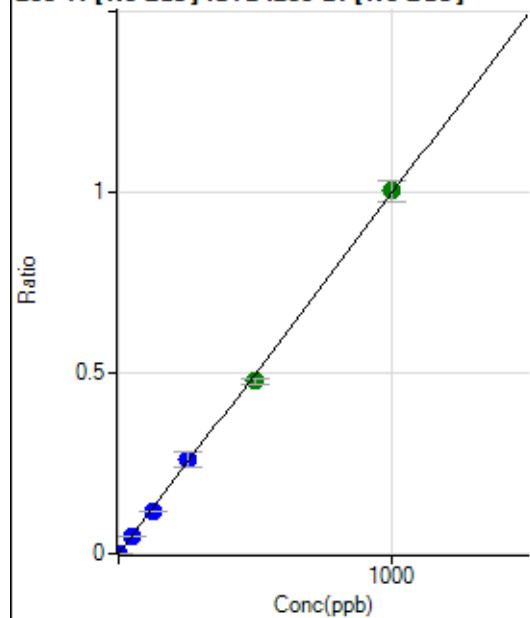
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	0.0
2	☐			12.96		P	107.
3	☐			22.22		P	25.0
4	☐			16.67		P	33.3
5	☐			46.30		P	18.3
6	☐			85.19		P	10.0
7	☐			53.70		P	43.1
8	☐			188.89		P	27.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1202.87		P	4.6
2	☐			1280.65		P	10.5
3	☐			2002.99		P	8.8
4	☐			3192.14		P	3.5
5	☐			5509.65		P	0.8
6	☐			9884.54		P	0.9
7	☐			18029.47		P	5.1
8	☐			1433.45		P	14.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7328.10		P	3.5
2	☐			7239.15		P	5.1
3	☐			7774.67		P	6.6
4	☐			8148.98		P	3.6
5	☐			9333.08		P	1.6
6	☐			10989.96		P	3.7
7	☐			14860.56		P	2.1
8	☐			8024.80		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	20.4
2	☐	1.000	0.925	3572.82	0.0009	P	6.4
3	☐	50.000	48.183	182748.21	0.0479	P	8.4
4	☐	125.000	117.934	450157.99	0.1173	P	2.2
5	☐	250.000	261.453	920843.14	0.2600	P	16.6
6	☐	500.000	480.004	1890323.96	0.4774	A	3.0
7	☐	1000.000	1008.109	3916573.09	1.0026	A	5.7
8	☐			1950.21	0.0006	P	7.9

$$y = 9.9451\text{E-}004 * x + 1.3050\text{E-}005$$

$$R = 0.9996$$

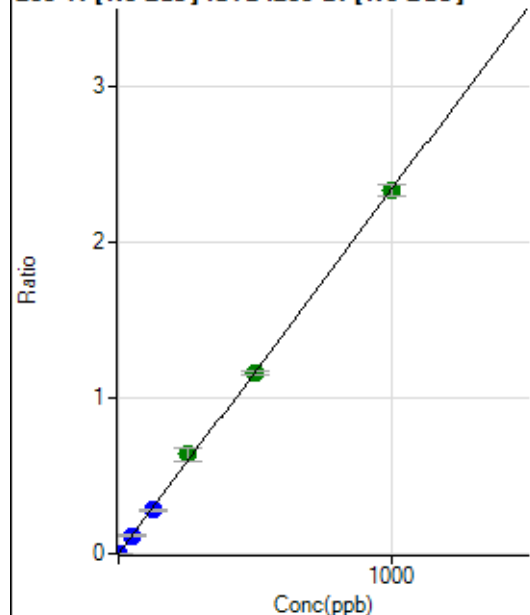
$$DL = 0.00803$$

$$BEC = 0.01312$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	24.7
2	☐	1.000	0.960	8747.64	0.0023	P	4.3
3	☐	50.000	48.529	432004.96	0.1133	P	8.8
4	☐	125.000	119.981	1074831.69	0.2801	P	2.5
5	☐	250.000	273.693	2268072.62	0.6389	A	13.8
6	☐	500.000	496.549	4589760.35	1.1590	A	2.3
7	☐	1000.000	996.503	9090698.90	2.3259	A	3.0
8	☐			4928.87	0.0014	P	8.6

$$y = 0.0023 * x + 4.5667E-005$$

$$R = 0.9996$$

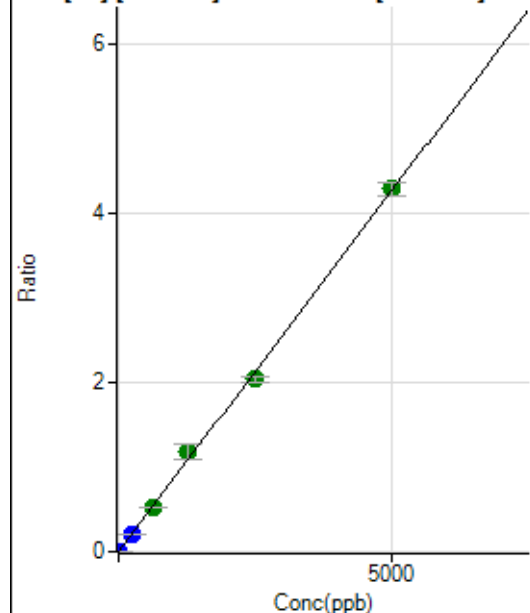
$$DL = 0.01452$$

$$BEC = 0.01957$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	379.64	0.0001	P	13.7
2	☐	1.000	0.914	3363.46	0.0009	P	4.9
3	☐	250.000	240.046	781428.77	0.2049	P	7.3
4	☐	625.000	612.173	2004279.24	0.5223	A	3.0
5	☐	1250.000	1375.891	4160773.24	1.1739	A	15.6
6	☐	2500.000	2388.591	8068728.48	2.0378	A	3.2
7	☐	5000.000	5026.333	16758208.48	4.2881	A	3.6
8	☐			4776.96	0.0014	P	15.1

$$y = 8.5311E-004 * x + 9.8863E-005$$

$$R = 0.9993$$

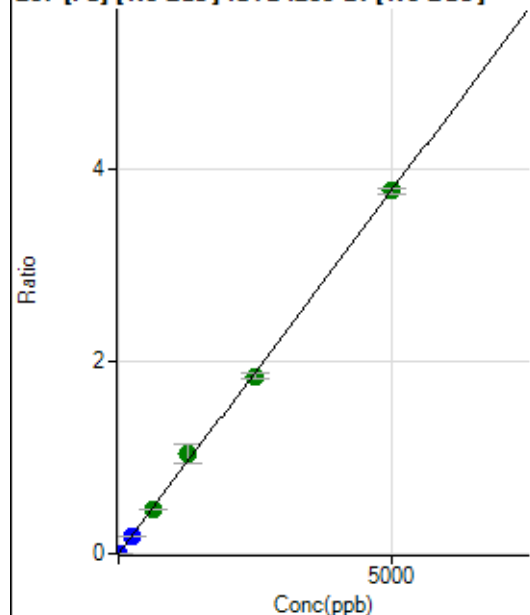
$$DL = 0.04758$$

$$BEC = 0.1159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	359.27	0.0001	P	8.3
2	☐	1.000	0.886	2915.20	0.0008	P	0.8
3	☐	250.000	240.978	693490.92	0.1818	P	7.4
4	☐	625.000	613.820	1777130.09	0.4630	A	2.6
5	☐	1250.000	1377.082	3674954.08	1.0386	A	17.7
6	☐	2500.000	2443.913	7299327.36	1.8432	A	3.1
7	☐	5000.000	4998.122	14734632.74	3.7695	A	1.7
8	☐			4215.60	0.0012	P	10.8

$$y = 7.5417E-004 * x + 9.3119E-005$$

$$R = 0.9995$$

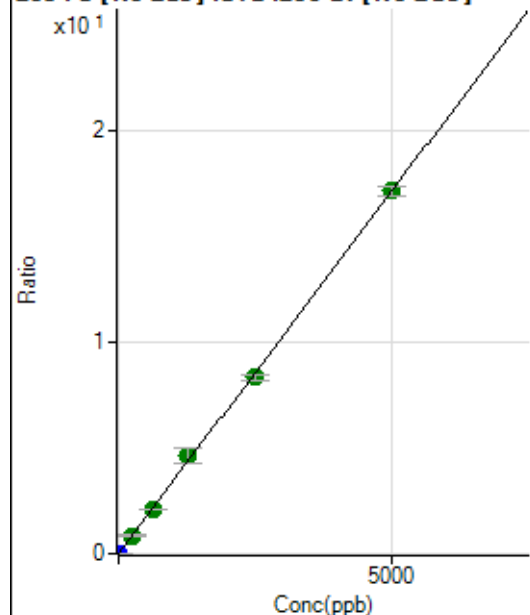
$$DL = 0.03082$$

$$BEC = 0.1235$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1579.70	0.0004	P	3.5
2	☐	1.000	0.888	13217.71	0.0035	P	4.5
3	☐	250.000	244.295	3193485.84	0.8372	A	6.9
4	☐	625.000	612.763	8057360.76	2.0993	A	1.3
5	☐	1250.000	1356.746	16456565.53	4.6477	A	16.8
6	☐	2500.000	2433.446	33013306.01	8.3357	A	2.6
7	☐	5000.000	5008.405	67052014.00	17.1556	A	2.6
8	☐			18883.60	0.0055	P	10.6

$$y = 0.0034 * x + 4.1031E-004$$

$$R = 0.9996$$

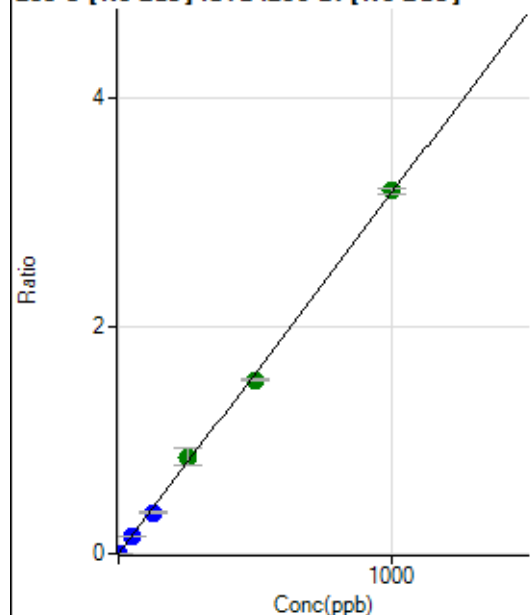
$$DL = 0.01253$$

$$BEC = 0.1198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	66.8
2	☐	1.000	0.898	10927.19	0.0029	P	1.4
3	☐	50.000	46.388	561125.52	0.1470	P	4.4
4	☐	125.000	114.443	1391417.62	0.3625	P	2.6
5	☐	250.000	268.748	3015008.05	0.8514	A	16.7
6	☐	500.000	482.161	6050201.00	1.5274	A	0.3
7	☐	1000.000	1005.733	12456840.56	3.1860	A	1.5
8	☐			1533.49	0.0004	P	14.6

$$y = 0.0032 * x + 1.0307E-005$$

$$R = 0.9995$$

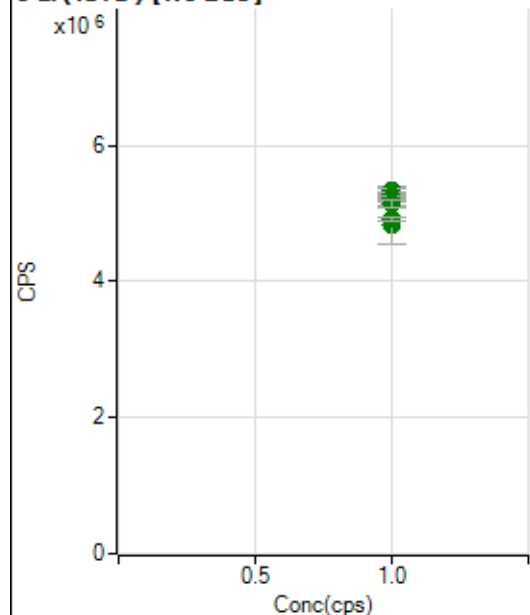
$$DL = 0.006522$$

$$BEC = 0.003254$$

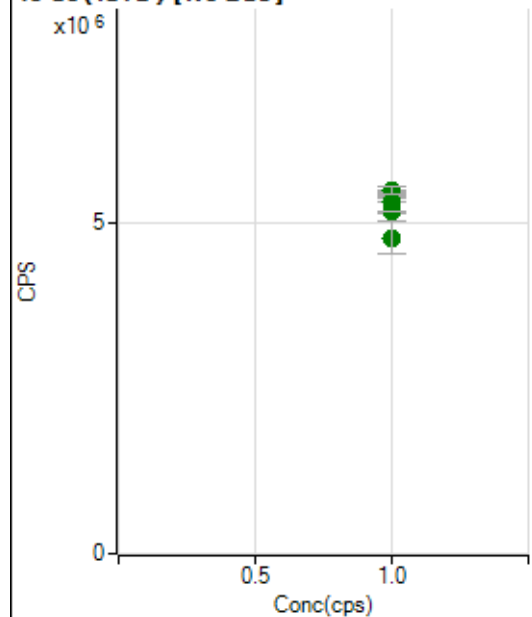
Weight: <None>

Min Conc: 0

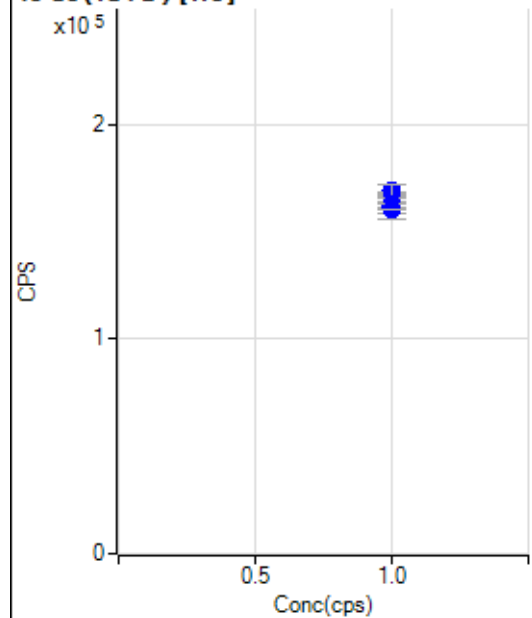
6 Li (ISTD) [No Gas]



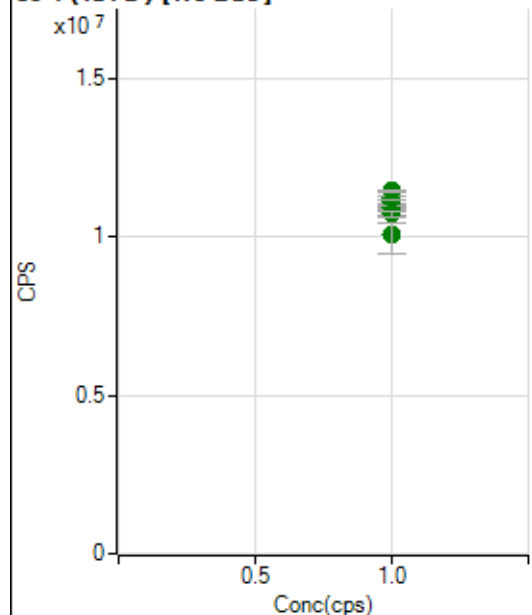
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5313734.13		A	2.9
2	☐	1.000		5333136.91		A	1.9
3	☐	1.000		5273492.28		A	3.6
4	☐	1.000		5264345.66		A	1.6
5	☐	1.000		4840260.55		A	11.5
6	☐	1.000		5218622.78		A	1.7
7	☐	1.000		5158526.08		A	2.2
8	☐	1.000		4917871.47		A	1.5

45 Sc (ISTD) [No Gas]

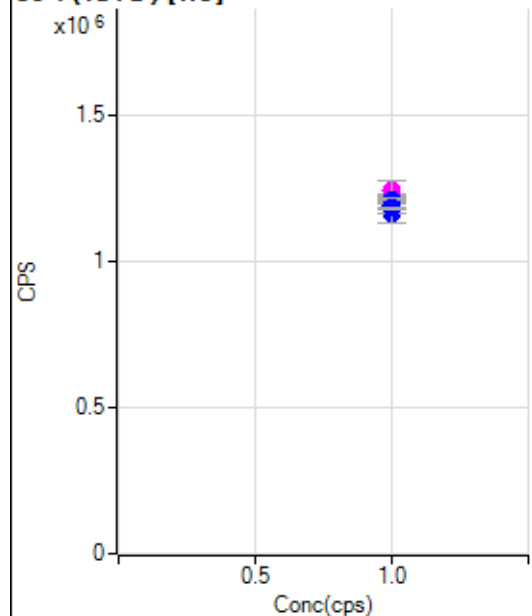
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5387897.38		A	2.6
2	☐	1.000		5438366.17		A	2.2
3	☐	1.000		5311183.63		A	6.5
4	☐	1.000		5449682.83		A	1.4
5	☐	1.000		4780769.89		A	10.2
6	☐	1.000		5425407.49		A	0.5
7	☐	1.000		5483637.49		A	2.0
8	☐	1.000		5173086.80		A	0.3

45 Sc (ISTD) [He]

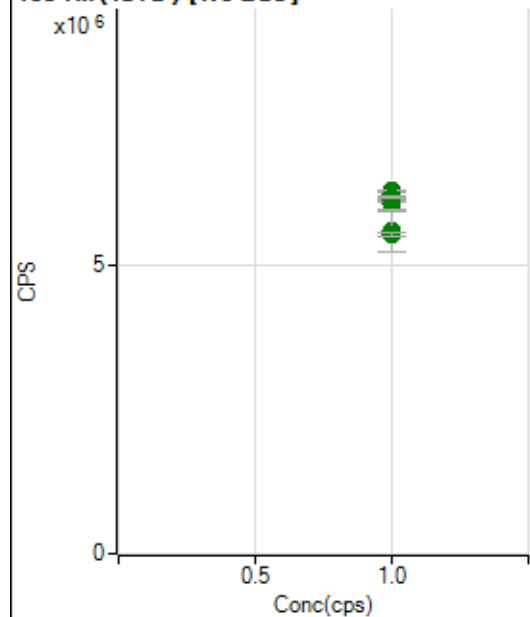
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		167221.76		P	0.7
2	☐	1.000		167719.46		P	0.5
3	☐	1.000		168869.34		P	3.6
4	☐	1.000		160027.16		P	5.1
5	☐	1.000		161747.06		P	0.9
6	☐	1.000		160721.18		P	2.5
7	☐	1.000		162859.18		P	0.1
8	☐	1.000		160238.48		P	0.3

89 Y (ISTD) [No Gas]

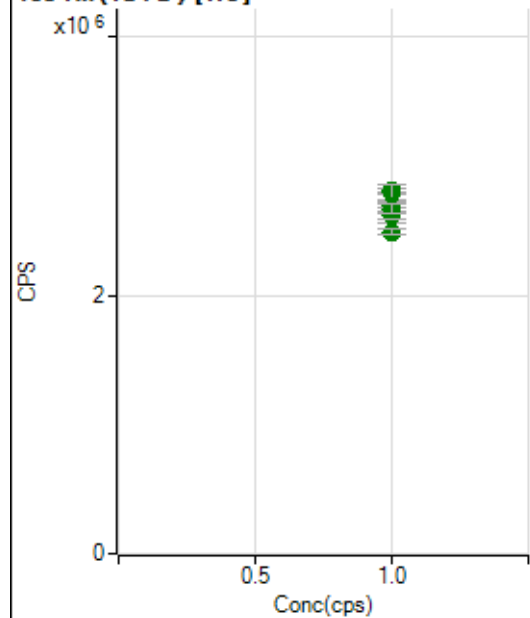
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11186964.28		A	1.9
2	☐	1.000		11121828.73		A	3.1
3	☐	1.000		10828298.66		A	6.6
4	☐	1.000		10918433.73		A	1.3
5	☐	1.000		10109070.68		A	12.1
6	☐	1.000		11258399.07		A	1.2
7	☐	1.000		11463087.88		A	0.6
8	☐	1.000		10749111.85		A	1.8

89 Y (ISTD) [He]

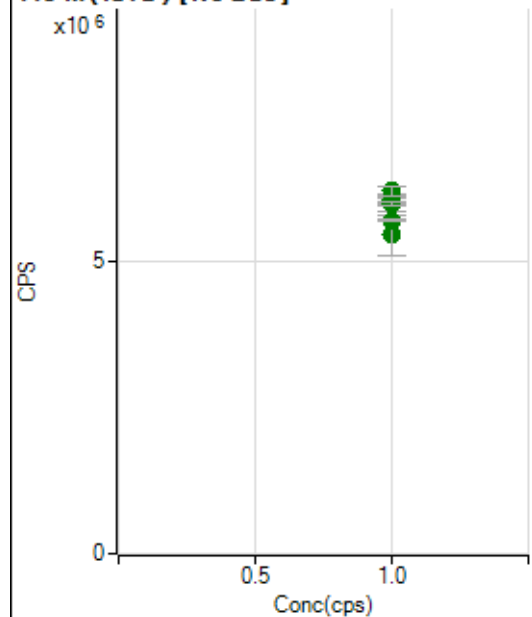
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1222079.88		P	0.5
2	☐	1.000		1218274.44		P	0.3
3	☐	1.000		1238830.35		M	5.2
4	☐	1.000		1161161.89		P	5.8
5	☐	1.000		1187282.76		P	1.1
6	☐	1.000		1180588.94		P	3.1
7	☐	1.000		1209578.14		P	0.5
8	☐	1.000		1179962.95		P	0.6

103 Rh (ISTD) [No Gas]

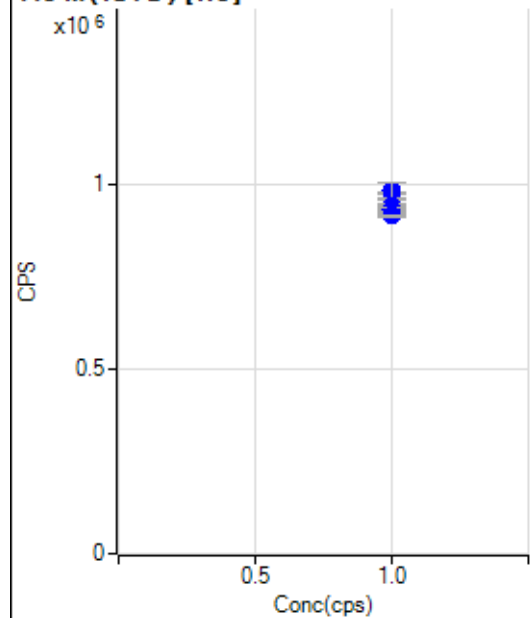
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6275925.01		A	0.8
2	☐	1.000		6193444.32		A	1.9
3	☐	1.000		6058133.04		A	3.7
4	☐	1.000		6214057.39		A	2.4
5	☐	1.000		5572645.05		A	12.8
6	☐	1.000		6123920.19		A	1.5
7	☐	1.000		6165842.41		A	0.9
8	☐	1.000		5521600.21		A	1.7

103 Rh (ISTD) [He]

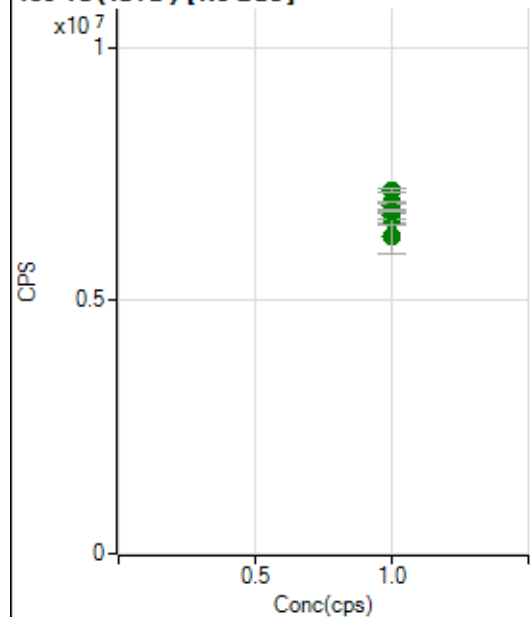
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2807210.72		A	0.9
2	☐	1.000		2798593.52		A	1.6
3	☐	1.000		2792525.86		A	4.3
4	☐	1.000		2646260.69		A	6.6
5	☐	1.000		2699591.77		A	1.9
6	☐	1.000		2623214.35		A	2.5
7	☐	1.000		2664119.42		A	2.8
8	☐	1.000		2489429.79		A	1.5

115 In (ISTD) [No Gas]

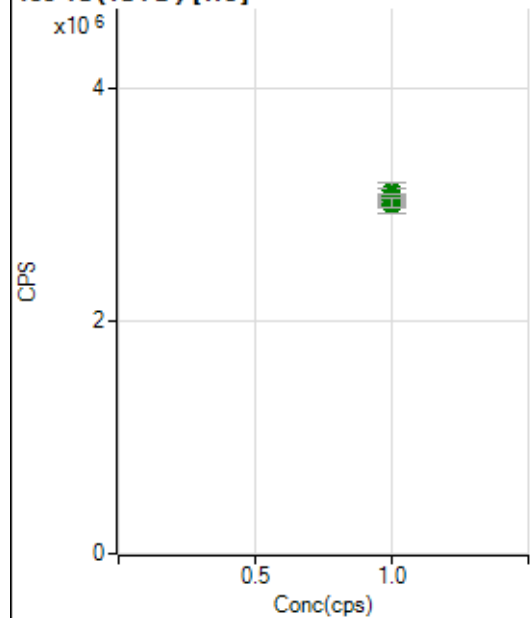
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6040464.97		A	3.1
2	☐	1.000		6116171.25		A	1.3
3	☐	1.000		6010612.31		A	5.1
4	☐	1.000		6044268.90		A	2.0
5	☐	1.000		5456524.25		A	12.7
6	☐	1.000		5992321.17		A	1.4
7	☐	1.000		6203603.26		A	2.4
8	☐	1.000		5697008.09		A	0.5

115 In (ISTD) [He]

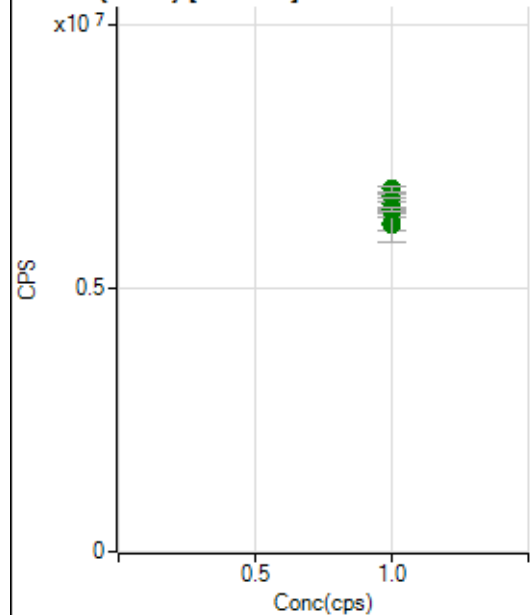
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		976528.67		P	0.5
2	☐	1.000		980821.91		P	0.4
3	☐	1.000		984623.34		P	4.4
4	☐	1.000		943070.68		P	4.6
5	☐	1.000		942100.20		P	1.6
6	☐	1.000		932564.98		P	2.9
7	☐	1.000		935343.79		P	1.2
8	☐	1.000		915960.22		P	1.1

159 Tb (ISTD) [No Gas]

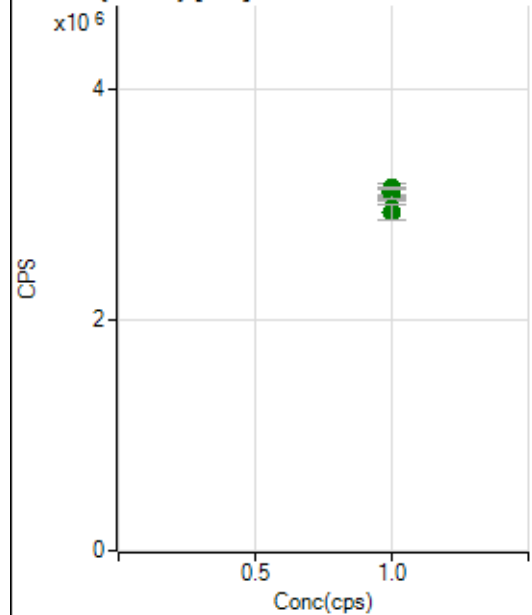
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6868185.52		A	2.8
2	☐	1.000		6663222.19		A	3.9
3	☐	1.000		6608389.55		A	3.7
4	☐	1.000		6738145.59		A	1.0
5	☐	1.000		6265389.76		A	11.0
6	☐	1.000		6933903.71		A	0.5
7	☐	1.000		7162221.63		A	1.2
8	☐	1.000		6763742.54		A	0.6

159 Tb (ISTD) [He]

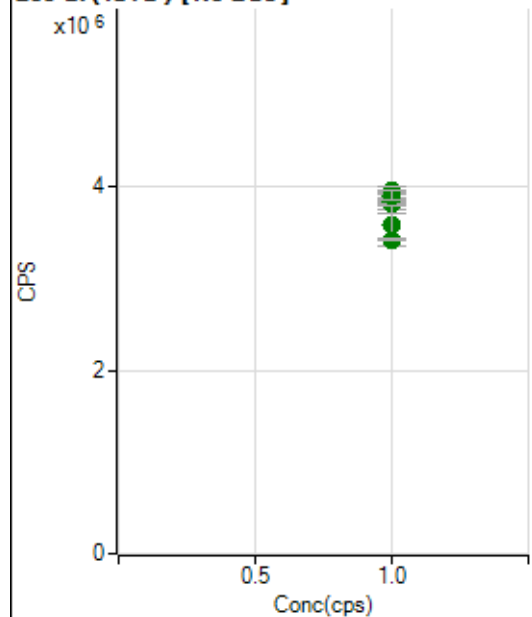
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3011919.19		A	1.0
2	☐	1.000		3016195.44		A	1.4
3	☐	1.000		3117183.01		A	4.3
4	☐	1.000		2994169.47		A	4.7
5	☐	1.000		3083921.97		A	3.8
6	☐	1.000		3046427.21		A	2.3
7	☐	1.000		3075722.28		A	1.1
8	☐	1.000		3013306.14		A	2.4

165 Ho (ISTD) [No Gas]

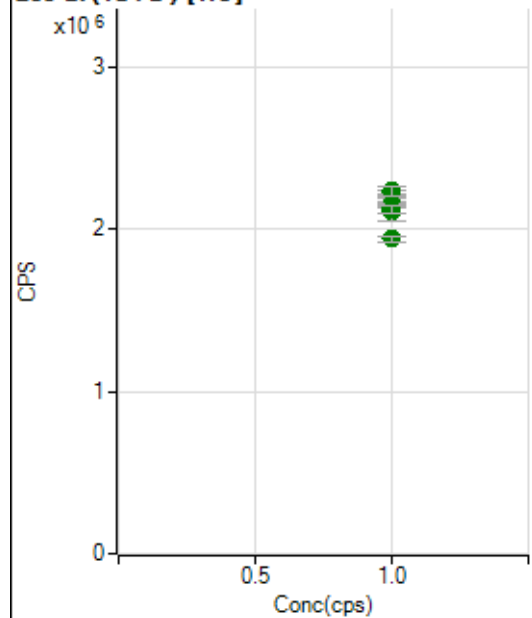
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6536446.80		A	3.4
2	☐	1.000		6587882.48		A	2.0
3	☐	1.000		6220265.80		A	4.5
4	☐	1.000		6466501.23		A	0.6
5	☐	1.000		6196142.63		A	10.2
6	☐	1.000		6748230.93		A	1.4
7	☐	1.000		6878047.11		A	1.7
8	☐	1.000		6490160.04		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3099240.34		A	1.9
2	☐	1.000		3060142.14		A	0.9
3	☐	1.000		3110686.66		A	4.9
4	☐	1.000		2929904.99		A	4.2
5	☐	1.000		3097257.77		A	2.1
6	☐	1.000		3092319.67		A	2.7
7	☐	1.000		3139594.67		A	0.8
8	☐	1.000		3141300.23		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3850457.65		A	5.0
2	☐	1.000		3828619.77		A	1.2
3	☐	1.000		3824469.84		A	5.6
4	☐	1.000		3838776.44		A	2.4
5	☐	1.000		3590924.77		A	12.5
6	☐	1.000		3961288.69		A	2.3
7	☐	1.000		3910153.41		A	2.8
8	☐	1.000		3432131.34		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2174441.60		A	1.7
2	☐	1.000		2226273.20		A	1.0
3	☐	1.000		2236072.14		A	2.8
4	☐	1.000		2109770.93		A	5.7
5	☐	1.000		2146651.95		A	0.7
6	☐	1.000		2128292.26		A	2.6
7	☐	1.000		2119315.42		A	2.5
8	☐	1.000		1939398.41		A	1.9