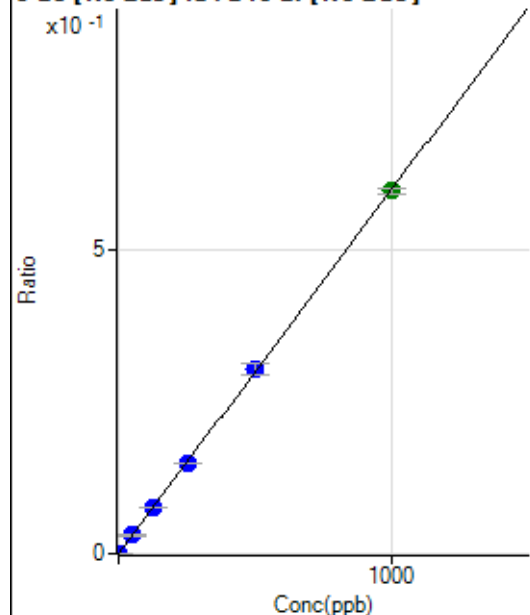


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8071423-MS.b\
 Analysis File: P8071423-MS.batch.bin
 DA Date-Time: 2023-07-14 16:23:58
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-07-14 13:46:20
2	005CALS.d	S02	2023-07-14 13:49:22
3	006CALS.d	S03	2023-07-14 13:52:26
4	007CALS.d	S04	2023-07-14 13:55:24
5	008CALS.d	S05	2023-07-14 13:58:25
6	009CALS.d	S06	2023-07-14 14:01:24
7	010CALS.d	S07	2023-07-14 14:04:24
8	011CALS.d	S08	2023-07-14 14:07:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.00	0.0000	P	21.8
2	☐	1.000	1.060	1560.31	0.0006	P	1.0
3	☐	50.000	50.323	74426.90	0.0301	P	2.3
4	☐	125.000	126.622	181463.00	0.0758	P	1.3
5	☐	250.000	248.184	355065.37	0.1486	P	2.0
6	☐	500.000	507.250	687701.77	0.3037	P	5.7
7	☐	1000.000	996.610	1349065.76	0.5966	A	1.7
8	☐			393.31	0.0002	P	90.1

$$y = 5.9862\text{E-}004 * x + 1.4263\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01561$$

$$BEC = 0.02383$$

Weight: <None>

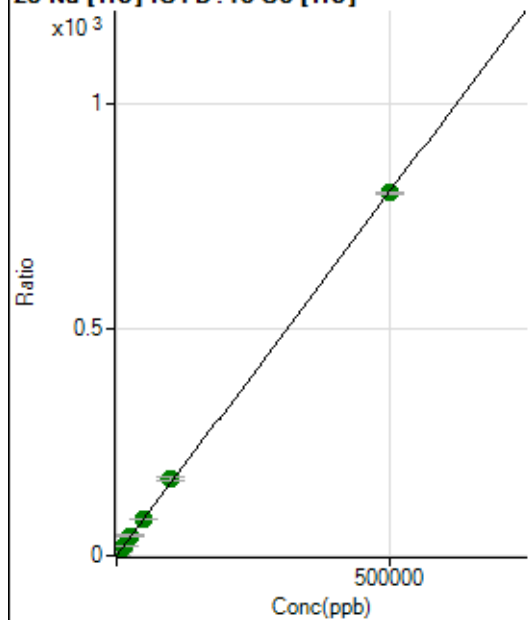
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2531260.04		A	0.6
2	☐			2539264.21		A	1.3
3	☐			2875155.66		A	0.5
4	☐			2729101.99		A	1.1
5	☐			2743355.98		A	1.0
6	☐			3010458.55		A	4.7
7	☐			2920951.67		A	0.1
8	☐			2758464.06		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30676.97		P	1.0
2	☐			30908.15		P	0.6
3	☐			35298.73		P	1.7
4	☐			33611.31		P	1.5
5	☐			35262.39		P	1.5
6	☐			40188.94		P	1.7
7	☐			37317.39		P	1.0
8	☐			38996.84		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14299.12	0.1029	P	1.5
2	☐	500.000	471.670	119599.55	0.8603	P	1.1
3	☐	5000.000	5153.034	1147603.77	8.3779	A	1.2
4	☐	12500.000	12704.821	2752045.70	20.5050	A	2.3
5	☐	25000.000	27544.719	5416829.98	44.3358	A	11.3
6	☐	50000.000	50550.327	10374141.29	81.2795	A	2.3
7	☐	100000.00	104575.61	19658378.91	168.0364	A	4.9
8	☐	500000.00	498895.98	88460381.14	801.2586	A	0.5

$$y = 0.0016 * x + 0.1029$$

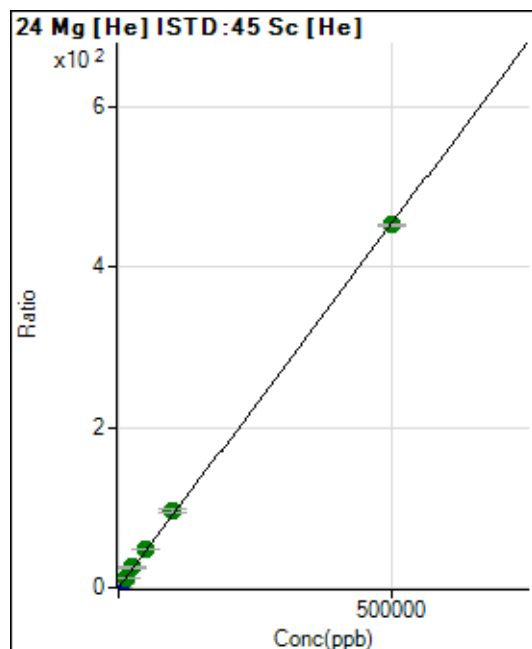
$$R = 0.9999$$

$$DL = 2.973$$

$$BEC = 64.07$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0013	P	54.3
2	☐	500.000	467.676	59290.72	0.4265	P	0.7
3	☐	5000.000	5178.234	644914.39	4.7091	P	3.1
4	☐	12500.000	13096.837	1598255.20	11.9082	A	2.4
5	☐	25000.000	28164.362	3128707.12	25.6067	A	11.2
6	☐	50000.000	52261.593	6064831.00	47.5145	A	1.7
7	☐	100000.00	106092.04	11286262.92	96.4541	A	4.2
8	☐	500000.00	498380.54	50022572.99	453.1003	A	0.2

$$y = 9.0914\text{E-}004 * x + 0.0013$$

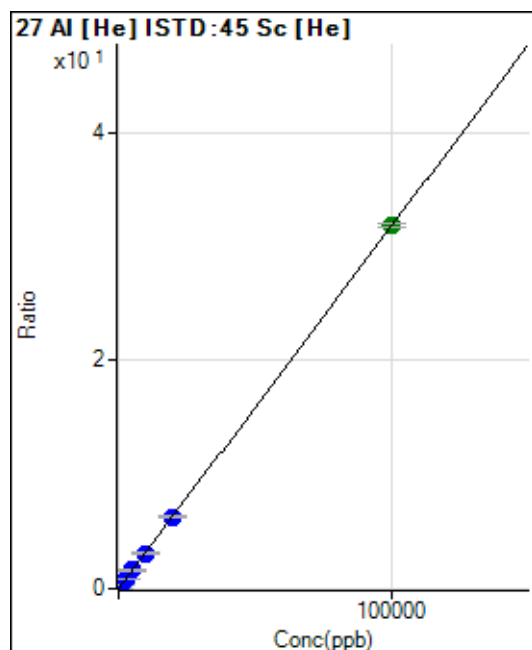
$$R = 0.9999$$

$$DL = 2.334$$

$$BEC = 1.433$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.24	0.0005	P	23.5
2	☐	20.000	19.840	953.25	0.0069	P	4.7
3	☐	1000.000	985.159	42979.72	0.3138	P	2.3
4	☐	2500.000	2441.055	104264.70	0.7767	P	0.5
5	☐	5000.000	5232.459	203246.55	1.6643	P	12.0
6	☐	10000.000	9801.025	397868.44	3.1170	P	1.6
7	☐	20000.000	19852.396	738704.84	6.3131	P	4.0
8	☐	100000.00	100039.41	3512018.27	31.8105	A	1.2

$$y = 3.1797\text{E-}004 * x + 5.4947\text{E-}004$$

$$R = 1.0000$$

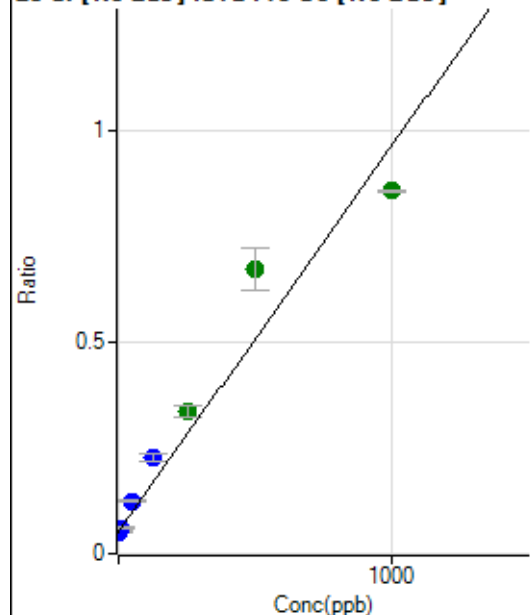
$$DL = 1.218$$

$$BEC = 1.728$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211008.84	0.0522	P	2.7
2	☐	10.000	9.555	247271.41	0.0609	P	6.1
3	☐	50.000	78.032	500065.92	0.1233	P	3.5
4	☐	125.000	192.061	919309.49	0.2272	P	6.5
5	☐	250.000	311.987	1335248.44	0.3365	A	8.4
6	☐	500.000	681.065	2508551.51	0.6729	A	14.5
7	☐	1000.000	884.191	3261210.14	0.8581	A	0.7
8	☐			562101.66	0.1658	P	7.1

$$y = 9.1148\text{E-}004 * x + 0.0522$$

$$R = 0.9693$$

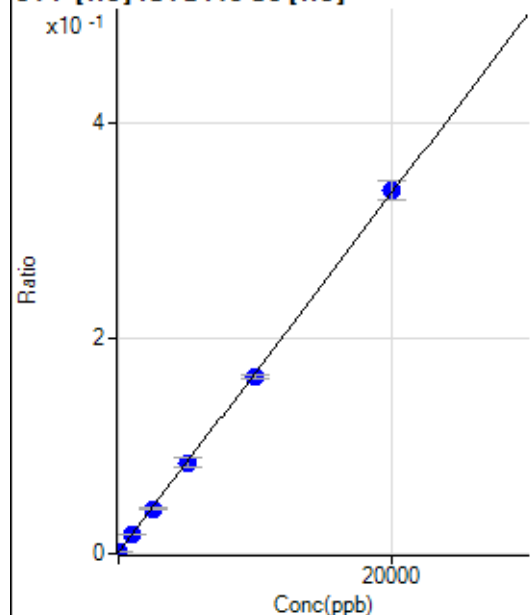
$$DL = 4.719$$

$$BEC = 57.23$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.022	161.12	0.0012	P	18.6
2	☐	0.000	-0.022	161.12	0.0012	P	2.9
3	☐	1000.000	988.104	2416.95	0.0176	P	4.3
4	☐	2500.000	2438.055	5612.33	0.0418	P	1.2
5	☐	5000.000	5005.001	10340.04	0.0846	P	10.9
6	☐	10000.000	9749.698	20898.94	0.1637	P	2.5
7	☐	20000.000	20132.239	39401.34	0.3368	P	5.4
8	☐			130.56	0.0012	P	16.9

$$y = 1.6673\text{E-}005 * x + 0.0012$$

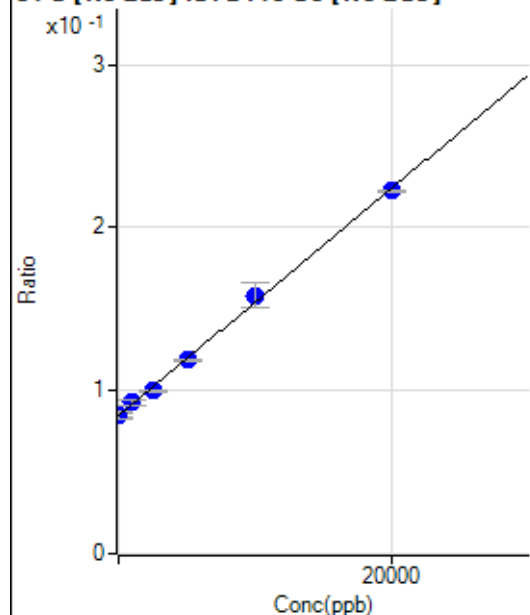
$$R = 0.9999$$

$$DL = 22.41$$

$$BEC = 69.53$$

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	-46.744	341582.80	0.0844	P	2.7
2	☐	0.000	46.744	345777.95	0.0851	P	4.9
3	☐	1000.000	1119.669	375188.29	0.0926	P	2.6
4	☐	2500.000	2156.539	403720.83	0.0998	P	1.6
5	☐	5000.000	4875.485	471181.03	0.1187	P	1.5
6	☐	10000.000	10593.325	592162.25	0.1585	P	9.2
7	☐	20000.000	19771.415	845392.66	0.2224	P	0.8
8	☐			291374.01	0.0861	P	3.1

$$y = 6.9628\text{E-}006 * x + 0.0848$$

$$R = 0.9991$$

$$DL = 1387$$

$$BEC = 1.217\text{E}+04$$

Weight: <None>

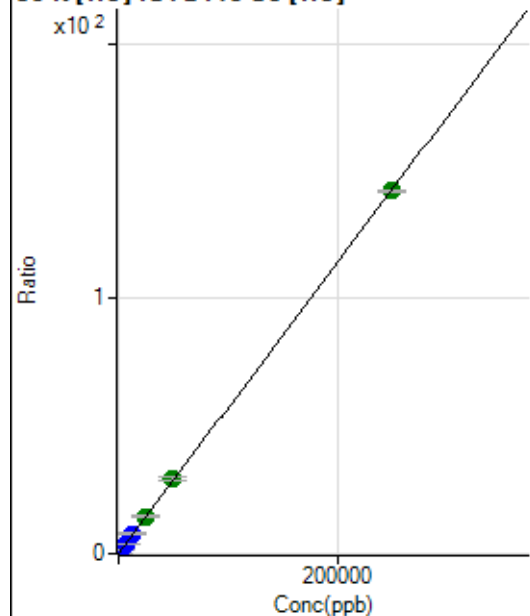
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			172151.48		P	1.2
2	☐			172123.08		P	0.7
3	☐			180146.93		P	1.3
4	☐			174542.39		P	0.3
5	☐			171250.93		P	1.8
6	☐			165471.44		P	1.4
7	☐			165050.33		P	2.2
8	☐			170352.09		P	2.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1222.31		P	2.8
2	☐			1236.20		P	2.8
3	☐			1361.21		P	10.7
4	☐			1333.43		P	5.7
5	☐			1211.19		P	5.2
6	☐			1158.41		P	2.6
7	☐			1205.64		P	9.4
8	☐			1386.22		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10028.73	0.0722	P	2.6
2	☐	500.000	465.343	46868.29	0.3371	P	1.7
3	☐	2500.000	2515.715	206087.19	1.5045	P	1.4
4	☐	6250.000	6189.457	482738.01	3.5963	P	0.6
5	☐	12500.000	13282.300	932280.01	7.6348	P	12.1
6	☐	25000.000	25587.729	1868738.80	14.6411	A	2.2
7	☐	50000.000	51448.981	3436420.52	29.3659	A	3.7
8	☐	250000.00	249613.74	15697932.12	142.1957	A	0.4

$$y = 5.6937E-004 * x + 0.0722$$

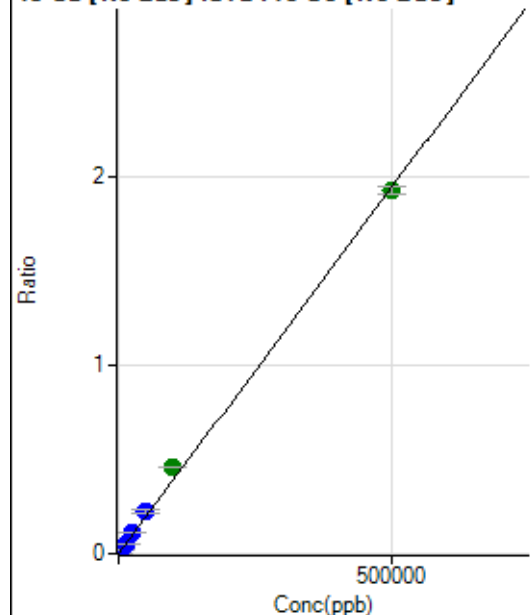
$$R = 1.0000$$

$$DL = 9.806$$

$$BEC = 126.7$$

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	223.72	0.0001	P	4.5
2	☐	500.000	456.605	7416.83	0.0018	P	5.4
3	☐	5000.000	5654.803	89093.07	0.0220	P	2.3
4	☐	12500.000	13899.587	218266.13	0.0539	P	0.9
5	☐	25000.000	27836.240	428575.23	0.1080	P	1.1
6	☐	50000.000	57908.107	838784.52	0.2246	P	9.4
7	☐	100000.00	117337.21	1729246.89	0.4550	A	0.3
8	☐	500000.00	495558.44	6504416.39	1.9214	A	2.3

$$y = 3.8771E-006 * x + 5.5319E-005$$

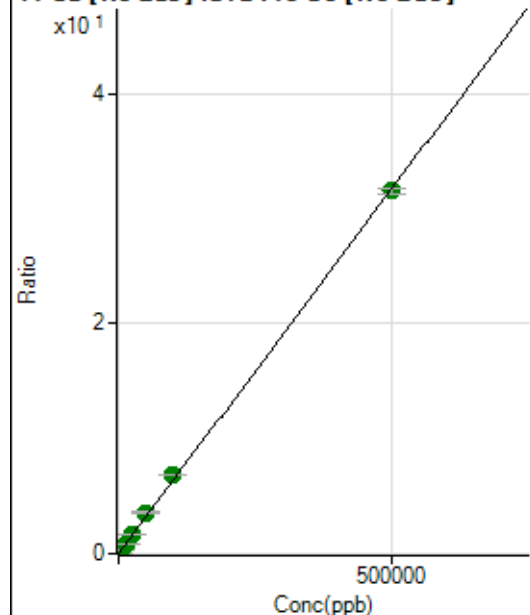
$$R = 0.9993$$

$$DL = 1.917$$

$$BEC = 14.27$$

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	34495.09	0.0085	P	3.5
2	☐	500.000	455.431	151948.73	0.0374	P	4.7
3	☐	5000.000	5661.967	1488960.08	0.3674	A	2.7
4	☐	12500.000	13651.450	3535167.54	0.8737	A	0.3
5	☐	25000.000	27319.536	6905653.27	1.7399	A	1.3
6	☐	50000.000	56584.977	13429646.73	3.5946	A	9.0
7	☐	100000.00	107558.83	25940933.46	6.8251	A	1.3
8	☐	500000.00	497678.39	106814701.6	31.5492	A	1.6

$$y = 6.3376E-005 * x + 0.0085$$

$$R = 0.9998$$

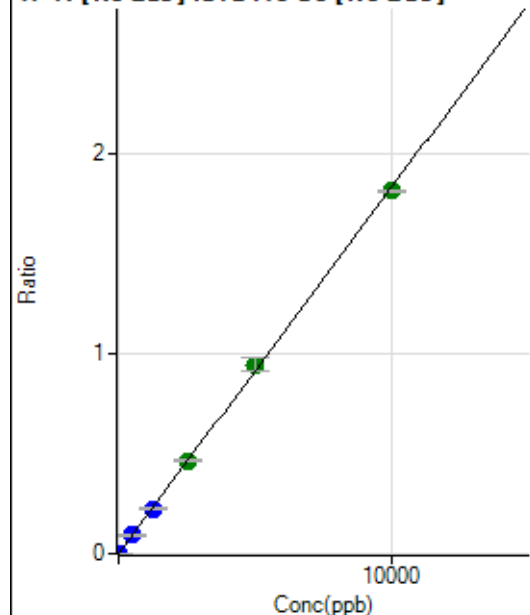
$$DL = 14.27$$

$$BEC = 134.6$$

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	105.56	0.0000	P	39.5
2	☐	5.000	4.843	3722.80	0.0009	P	1.9
3	☐	500.000	503.653	374405.48	0.0924	P	2.3
4	☐	1250.000	1231.985	914031.51	0.2259	P	0.7
5	☐	2500.000	2543.205	1850744.40	0.4663	A	1.7
6	☐	5000.000	5171.166	3545352.12	0.9482	A	7.4
7	☐	10000.000	9905.685	6902845.29	1.8162	A	0.6
8	☐			1958.87	0.0006	P	84.1

$$y = 1.8335\text{E-}004 * x + 2.6219\text{E-}005$$

$$R = 0.9998$$

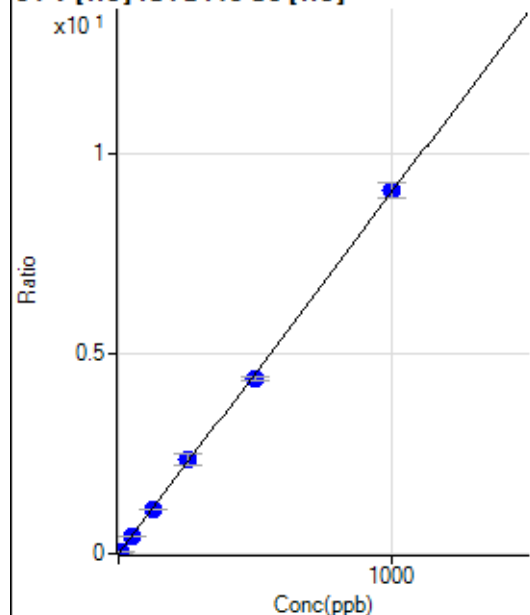
$$DL = 0.1694$$

$$BEC = 0.143$$

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	21.11	0.0002	P	73.2
2	☐	5.000	4.584	5782.34	0.0416	P	2.5
3	☐	50.000	48.963	60651.19	0.4428	P	1.7
4	☐	125.000	121.290	147210.35	1.0966	P	0.3
5	☐	250.000	262.304	289525.09	2.3714	P	12.3
6	☐	500.000	484.968	559628.49	4.3843	P	1.7
7	☐	1000.000	1004.958	1062986.39	9.0850	P	4.2
8	☐			387.79	0.0035	P	47.1

$$y = 0.0090 * x + 1.5270\text{E-}004$$

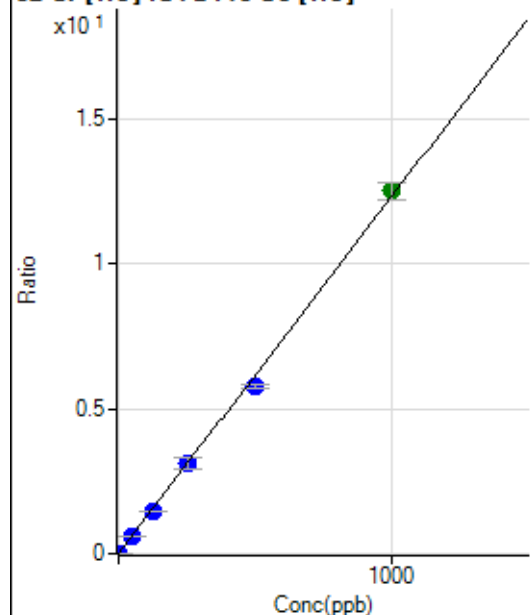
$$R = 0.9997$$

$$DL = 0.03709$$

$$BEC = 0.01689$$

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	1120.06	0.0081	P	2.8
2	☐	2.000	1.845	4272.91	0.0307	P	4.6
3	☐	50.000	47.575	81207.89	0.5928	P	2.7
4	☐	125.000	117.096	194278.65	1.4474	P	1.0
5	☐	250.000	254.564	382996.62	3.1371	P	12.4
6	☐	500.000	467.104	733887.07	5.7495	P	1.7
7	☐	1000.000	1016.417	1462609.84	12.5015	A	4.8
8	☐			8170.18	0.0740	P	1.5

$$y = 0.0123 * x + 0.0081$$

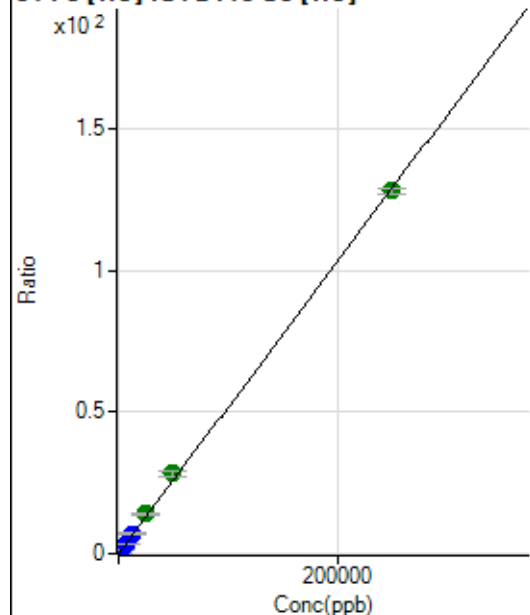
$$R = 0.9992$$

$$DL = 0.05597$$

$$BEC = 0.6556$$

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	392.61	0.0028	P	10.3
2	☐	50.000	51.623	4093.24	0.0294	P	5.2
3	☐	2500.000	2580.762	182651.58	1.3334	P	0.7
4	☐	6250.000	6392.766	442754.17	3.2986	P	1.7
5	☐	12500.000	13808.626	869393.11	7.1219	P	12.6
6	☐	25000.000	27192.440	1789700.22	14.0220	A	2.3
7	☐	50000.000	54993.324	3316564.92	28.3549	A	5.9
8	☐	250000.00	248712.28	14157137.01	128.2277	A	1.7

$$y = 5.1556E-004 * x + 0.0028$$

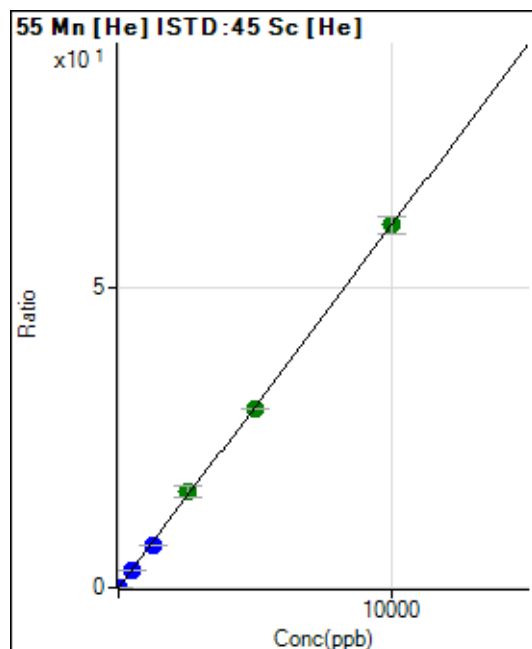
$$R = 0.9998$$

$$DL = 1.699$$

$$BEC = 5.48$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0006	P	27.6
2	☐	1.000	0.900	845.59	0.0061	P	9.4
3	☐	500.000	473.027	392203.38	2.8634	P	2.0
4	☐	1250.000	1160.000	942416.74	7.0210	P	1.6
5	☐	2500.000	2666.968	1971481.85	16.1412	A	11.8
6	☐	5000.000	4925.272	3805236.47	29.8086	A	0.7
7	☐	10000.000	10008.221	7086122.67	60.5708	A	4.9
8	☐			5897.09	0.0535	P	20.8

$$y = 0.0061 * x + 6.3278E-004$$

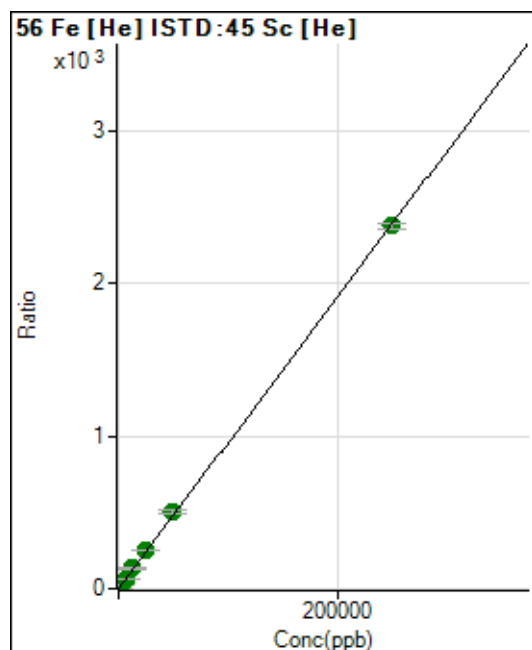
$$R = 0.9997$$

$$DL = 0.0866$$

$$BEC = 0.1046$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3331.93	0.0240	P	9.9
2	☐	50.000	48.168	67245.02	0.4837	P	0.6
3	☐	2500.000	2636.916	3450331.59	25.1916	A	2.3
4	☐	6250.000	6454.375	8271709.62	61.6268	A	1.6
5	☐	12500.000	14049.138	16387889.48	134.1138	A	11.0
6	☐	25000.000	25943.918	31611100.71	247.6417	A	1.2
7	☐	50000.000	52728.681	58878800.85	503.2848	A	5.0
8	☐	250000.00	249275.93	262683089.2	2,379.199	A	1.8

$$y = 0.0095 * x + 0.0240$$

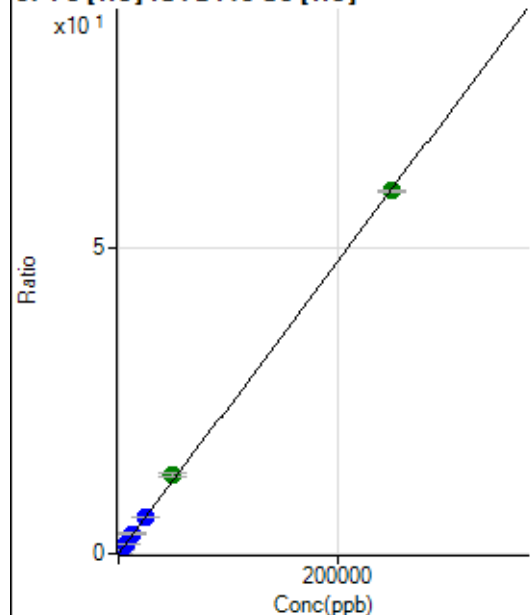
$$R = 0.9999$$

$$DL = 0.7457$$

$$BEC = 2.513$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	151.86	0.0011	P	23.3
2	☐	50.000	50.255	1816.81	0.0131	P	1.3
3	☐	2500.000	2517.017	82305.22	0.6009	P	1.6
4	☐	6250.000	6224.490	199235.74	1.4843	P	1.0
5	☐	12500.000	13526.155	393697.22	3.2241	P	12.1
6	☐	25000.000	24921.583	758130.94	5.9394	P	1.6
7	☐	50000.000	54327.639	1514719.72	12.9463	A	4.8
8	☐	250000.00	249091.47	6552977.00	59.3548	A	0.6

$$y = 2.3828E-004 * x + 0.0011$$

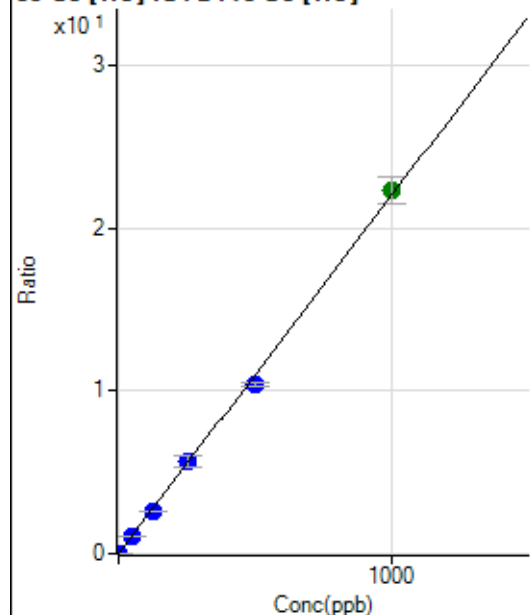
R = 0.9998

DL = 3.206

BEC = 4.592

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.56	0.0005	P	29.6
2	☐	1.000	0.899	2824.75	0.0203	P	5.9
3	☐	50.000	48.418	145927.72	1.0652	P	0.2
4	☐	125.000	118.595	350140.11	2.6083	P	0.2
5	☐	250.000	257.167	690608.29	5.6553	P	12.0
6	☐	500.000	472.639	1326666.59	10.3933	P	1.3
7	☐	1000.000	1012.769	2604202.63	22.2702	A	7.3
8	☐			5886.86	0.0534	P	7.8

$$y = 0.0220 * x + 5.4475E-004$$

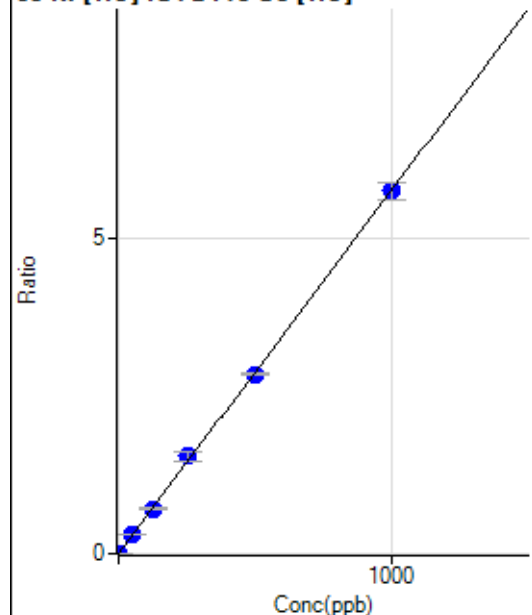
R = 0.9994

DL = 0.02202

BEC = 0.02477

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	64.45	0.0005	P	31.2
2	☐	1.000	1.018	881.15	0.0063	P	3.1
3	☐	50.000	50.860	40269.15	0.2940	P	0.9
4	☐	125.000	123.920	96047.29	0.7156	P	1.6
5	☐	250.000	267.945	188963.63	1.5467	P	11.3
6	☐	500.000	493.960	363925.08	2.8510	P	1.2
7	☐	1000.000	998.626	674254.83	5.7633	P	4.8
8	☐			3225.95	0.0292	P	5.2

$$y = 0.0058 * x + 4.6451E-004$$

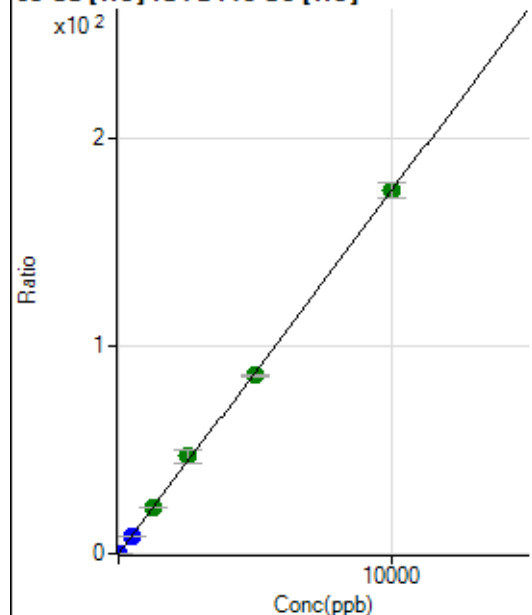
$$R = 0.9998$$

$$DL = 0.07527$$

$$BEC = 0.08049$$

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	552.24	0.0040	P	10.5
2	☐	2.000	1.852	5040.94	0.0363	P	0.6
3	☐	500.000	490.568	1172233.24	8.5575	P	1.1
4	☐	1250.000	1251.205	2929005.90	21.8200	A	0.6
5	☐	2500.000	2681.849	5709352.28	46.7648	A	12.4
6	☐	5000.000	4913.070	10935530.39	85.6684	A	1.6
7	☐	10000.000	9998.324	20399228.17	174.3350	A	4.2
8	☐			11579.79	0.1051	P	27.1

$$y = 0.0174 * x + 0.0040$$

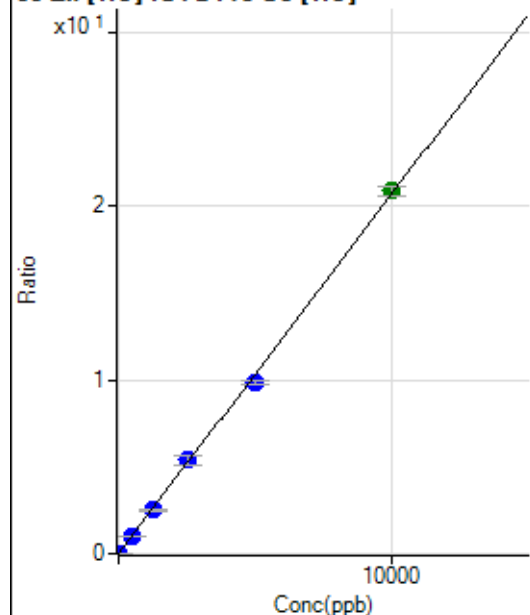
$$R = 0.9998$$

$$DL = 0.07169$$

$$BEC = 0.228$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	165.56	0.0012	P	20.4
2	☐	2.000	2.435	864.48	0.0062	P	5.1
3	☐	500.000	495.929	140447.33	1.0253	P	1.6
4	☐	1250.000	1205.471	334310.59	2.4906	P	0.8
5	☐	2500.000	2596.719	655231.82	5.3636	P	11.4
6	☐	5000.000	4771.691	1257980.66	9.8551	P	1.7
7	☐	10000.000	10095.744	2440141.87	20.8498	A	2.9
8	☐			6201.73	0.0562	P	10.6

$$y = 0.0021 * x + 0.0012$$

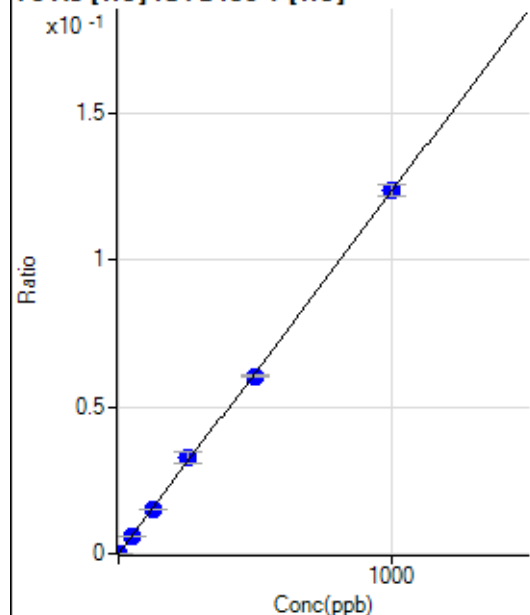
$$R = 0.9996$$

$$DL = 0.352$$

$$BEC = 0.5764$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.00	0.0000	P	100.
2	☐	1.000	0.928	144.35	0.0001	P	11.8
3	☐	50.000	49.365	7363.00	0.0061	P	2.5
4	☐	125.000	120.663	17765.58	0.0149	P	1.3
5	☐	250.000	266.398	34956.17	0.0328	P	12.7
6	☐	500.000	489.215	67984.73	0.0603	P	1.2
7	☐	1000.000	1001.867	127351.49	0.1235	P	3.1
8	☐			80.68	0.0001	P	39.0

$$y = 1.2323E-004 * x + 3.3245E-006$$

$$R = 0.9997$$

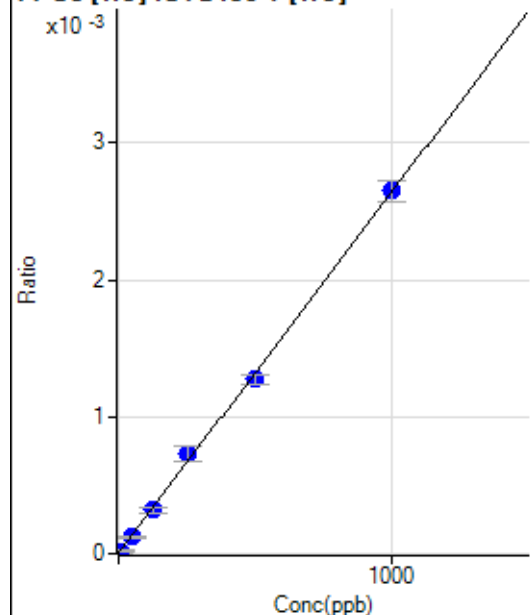
$$DL = 0.08123$$

$$BEC = 0.02698$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	5.000	5.831	22.22	0.0000	P	32.3
3	☐	50.000	46.676	152.23	0.0001	P	10.7
4	☐	125.000	119.511	380.01	0.0003	P	11.1
5	☐	250.000	274.875	774.48	0.0007	P	14.5
6	☐	500.000	481.900	1436.76	0.0013	P	5.0
7	☐	1000.000	1003.679	2732.51	0.0027	P	5.8
8	☐			16.67	0.0000	P	39.4

$$y = 2.6379\text{E-}006 * x + 2.7728\text{E-}006$$

R = 0.9994

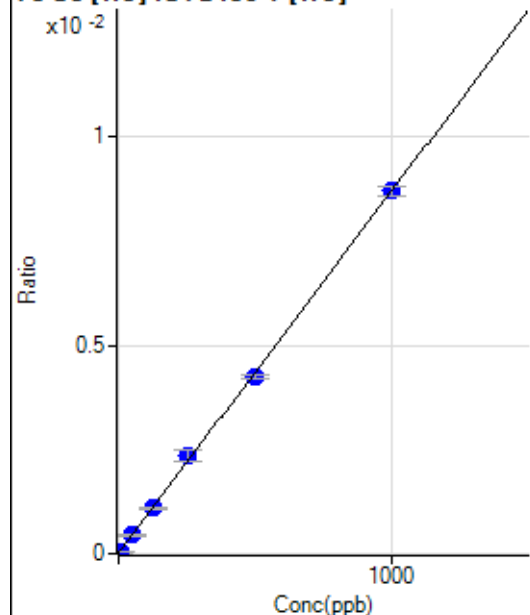
DL = 3.164

BEC = 1.051

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.67	0.0000	P	21.5
2	☐	5.000	4.327	61.01	0.0000	P	11.0
3	☐	50.000	50.702	546.73	0.0005	P	11.0
4	☐	125.000	124.062	1300.86	0.0011	P	3.0
5	☐	250.000	270.872	2518.15	0.0024	P	11.6
6	☐	500.000	488.241	4792.63	0.0042	P	2.3
7	☐	1000.000	1000.747	8972.43	0.0087	P	2.8
8	☐			64.68	0.0001	P	12.0

$$y = 8.6796\text{E-}006 * x + 1.2147\text{E-}005$$

R = 0.9996

DL = 0.9019

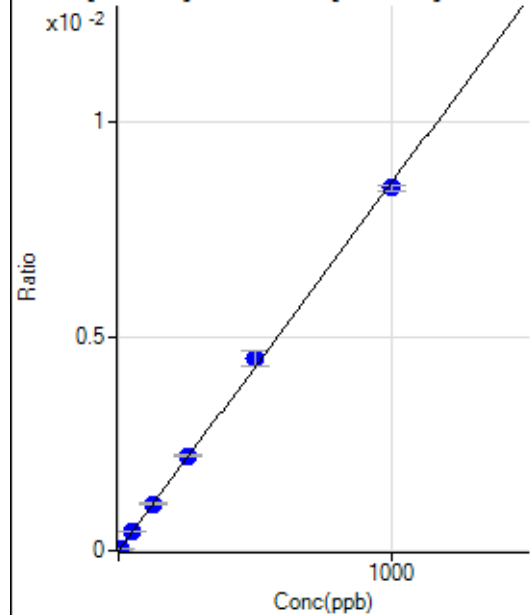
BEC = 1.399

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3820.07		P	7.5
2	☐			4222.98		P	8.2
3	☐			3825.62		P	7.7
4	☐			3667.25		P	8.7
5	☐			3670.03		P	5.9
6	☐			3606.13		P	7.1
7	☐			3567.21		P	3.0
8	☐			4528.63		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.50	0.0000	P	246.
2	☐	5.000	4.637	452.46	0.0000	P	6.1
3	☐	50.000	52.733	5017.46	0.0005	P	0.5
4	☐	125.000	126.674	12171.48	0.0011	P	3.8
5	☐	250.000	257.942	24250.35	0.0022	P	0.6
6	☐	500.000	522.875	47221.35	0.0045	P	7.8
7	☐	1000.000	986.233	90986.32	0.0085	P	1.7
8	☐			495.79	0.0001	P	6.6

$$y = 8.5824E-006 * x + 7.1840E-007$$

$$R = 0.9996$$

$$DL = 0.6193$$

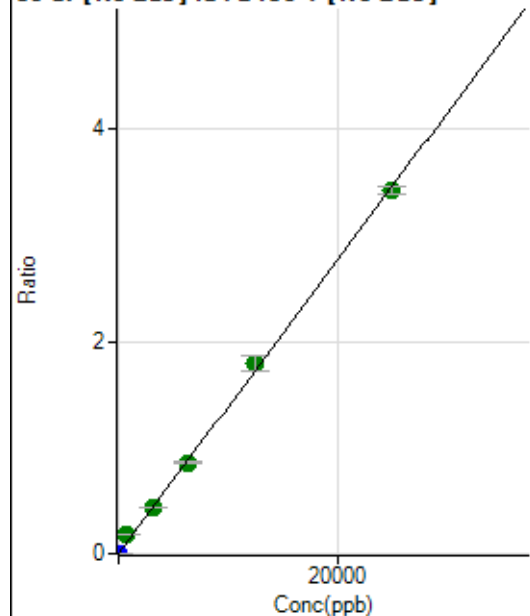
$$BEC = 0.08371$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			256.64		P	2.8
2	☐			269.97		P	8.4
3	☐			262.05		P	3.6
4	☐			260.39		P	11.0
5	☐			255.80		P	5.3
6	☐			259.55		P	11.2
7	☐			240.81		P	11.6
8	☐			236.22		P	9.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	466.68	0.0000	P	9.7
2	☐	1.000	0.946	1933.53	0.0002	P	12.9
3	☐	625.000	1288.473	1971124.50	0.1781	A	0.9
4	☐	3125.000	3129.350	4839583.31	0.4324	A	2.5
5	☐	6250.000	6219.078	9410289.01	0.8593	A	0.7
6	☐	12500.000	12965.010	18848410.49	1.7914	A	7.7
7	☐	25000.000	24758.095	36770461.59	3.4208	A	2.2
8	☐			17199.34	0.0018	P	70.4

$$y = 1.3817E-004 * x + 4.2459E-005$$

$$R = 0.9995$$

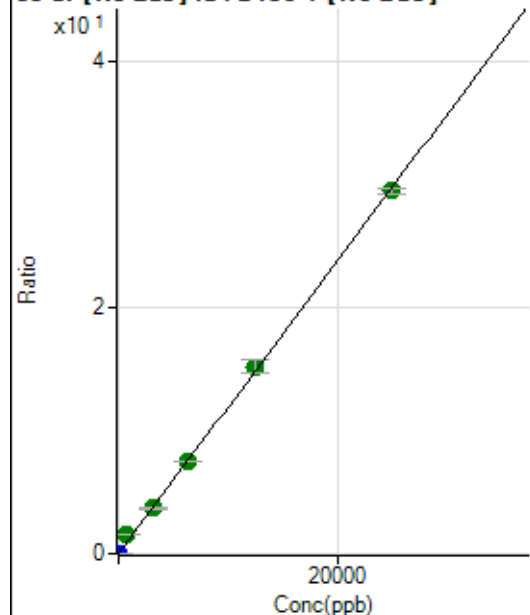
$$DL = 0.08987$$

$$BEC = 0.3073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	655.59	0.0001	P	7.9
2	☐	1.000	0.958	13367.88	0.0012	P	5.4
3	☐	625.000	1272.957	16729679.02	1.5114	A	1.2
4	☐	3125.000	3108.103	41295392.24	3.6901	A	2.7
5	☐	6250.000	6273.849	81568080.29	7.4486	A	0.7
6	☐	12500.000	12807.606	159994234.1	15.2057	A	7.7
7	☐	25000.000	24826.148	316840445.9	29.4745	A	1.4
8	☐			113628.50	0.0121	P	78.6

$$y = 0.0012 * x + 5.9713E-005$$

$$R = 0.9996$$

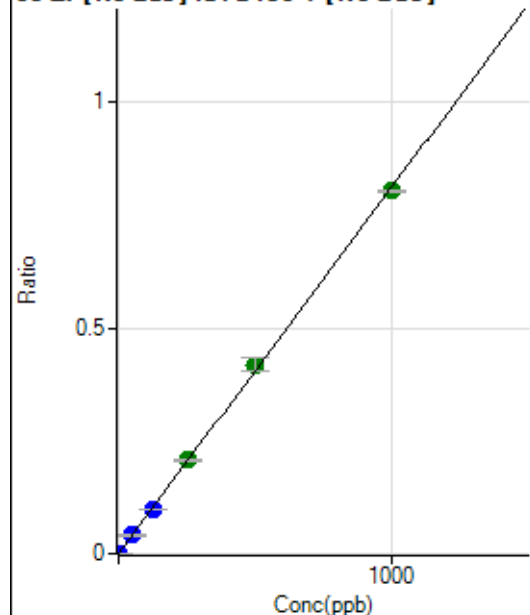
$$DL = 0.01188$$

$$BEC = 0.0503$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.46	0.0000	P	8.1
2	☐	1.000	0.886	8455.54	0.0008	P	6.1
3	☐	50.000	50.075	450403.45	0.0407	P	0.9
4	☐	125.000	121.118	1100745.04	0.0984	P	2.4
5	☐	250.000	256.567	2281369.39	0.2083	A	2.1
6	☐	500.000	515.939	4407922.06	0.4189	A	7.4
7	☐	1000.000	990.870	8647607.48	0.8044	A	0.3
8	☐			5063.30	0.0005	P	42.4

$$y = 8.1180E-004 * x + 3.8214E-005$$

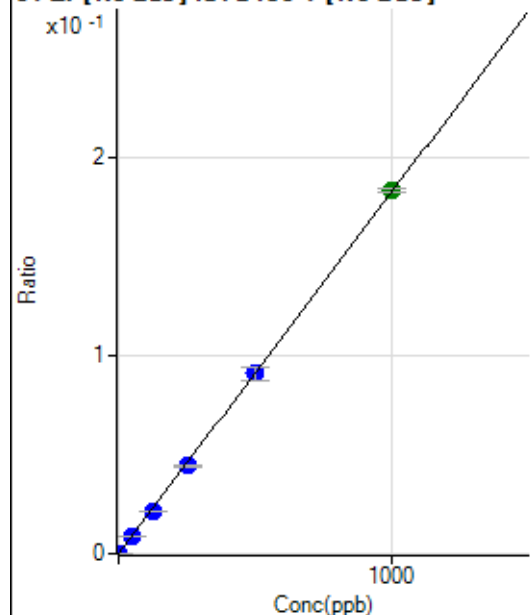
$$R = 0.9998$$

$$DL = 0.01148$$

$$BEC = 0.04707$$

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	72.22	0.0000	P	41.8
2	☐	1.000	0.894	1900.18	0.0002	P	4.6
3	☐	50.000	49.959	101049.07	0.0091	P	1.0
4	☐	125.000	117.383	239889.42	0.0214	P	3.8
5	☐	250.000	242.842	485647.55	0.0443	P	1.4
6	☐	500.000	497.887	956640.91	0.0909	P	7.7
7	☐	1000.000	1003.800	1970228.80	0.1833	A	1.0
8	☐			1584.88	0.0002	P	52.0

$$y = 1.8259\text{E-}004 * x + 6.5362\text{E-}006$$

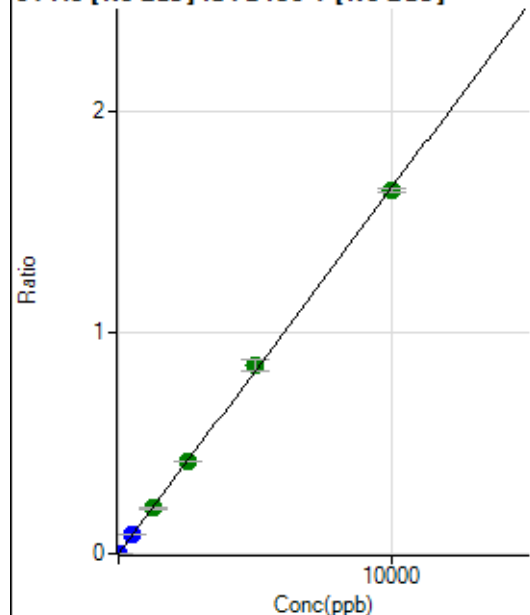
$$R = 0.9999$$

$$DL = 0.04492$$

$$BEC = 0.0358$$

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	125.00	0.0000	P	13.5
2	☐	5.000	5.410	10112.26	0.0009	P	5.8
3	☐	500.000	504.914	923322.29	0.0834	P	1.0
4	☐	1250.000	1246.672	2304585.21	0.2059	A	2.8
5	☐	2500.000	2517.158	4553672.80	0.4158	A	1.0
6	☐	5000.000	5147.602	8955056.80	0.8503	A	5.7
7	☐	10000.000	9922.080	17619119.32	1.6390	A	1.1
8	☐			7749.28	0.0008	P	61.8

$$y = 1.6519\text{E-}004 * x + 1.1377\text{E-}005$$

$$R = 0.9998$$

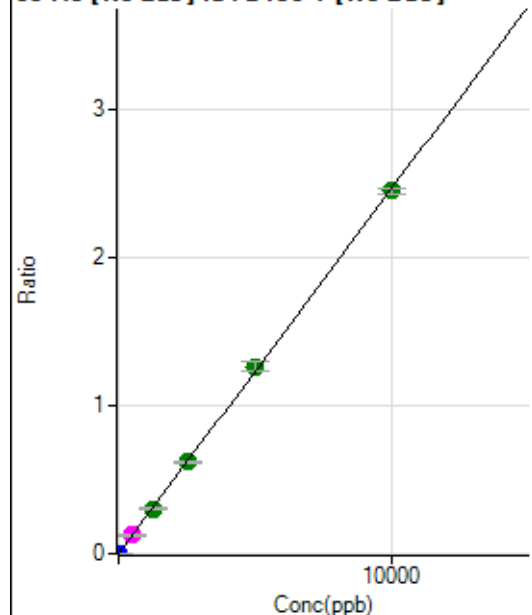
$$DL = 0.02791$$

$$BEC = 0.06887$$

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	44.45	0.0000	P	59.4
2	☐	5.000	4.760	13134.32	0.0012	P	4.7
3	☐	500.000	504.690	1374573.23	0.1242	M	1.8
4	☐	1250.000	1227.299	3379177.77	0.3020	A	3.2
5	☐	2500.000	2511.705	6768145.38	0.6180	A	2.0
6	☐	5000.000	5115.476	13258372.17	1.2587	A	5.2
7	☐	10000.000	9941.939	26295105.79	2.4463	A	1.3
8	☐			9851.55	0.0010	P	61.1

$$y = 2.4606\text{E-}004 * x + 4.0831\text{E-}006$$

$$R = 0.9999$$

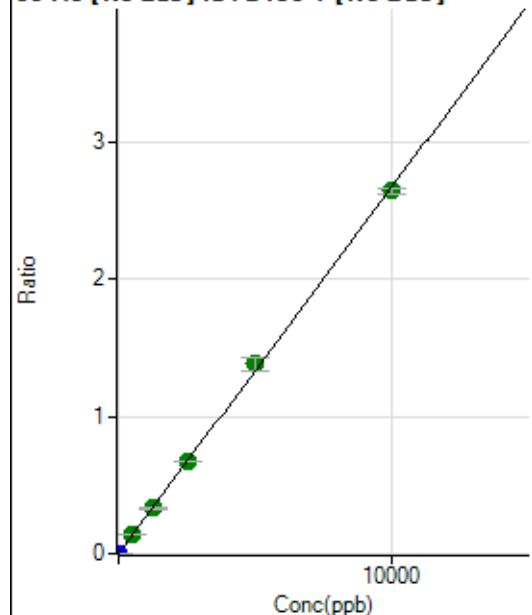
$$DL = 0.02957$$

$$BEC = 0.01659$$

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	116.67	0.0000	P	26.3
2	☐	5.000	4.947	14880.67	0.0013	P	6.2
3	☐	500.000	527.860	1561199.70	0.1411	A	1.5
4	☐	1250.000	1237.623	3700557.98	0.3307	A	2.9
5	☐	2500.000	2498.770	7311561.10	0.6677	A	0.3
6	☐	5000.000	5187.136	14586406.92	1.3860	A	7.3
7	☐	10000.000	9906.894	28452437.44	2.6471	A	1.8
8	☐			11619.37	0.0012	P	62.5

$$y = 2.6720\text{E-}004 * x + 1.0633\text{E-}005$$

$$R = 0.9997$$

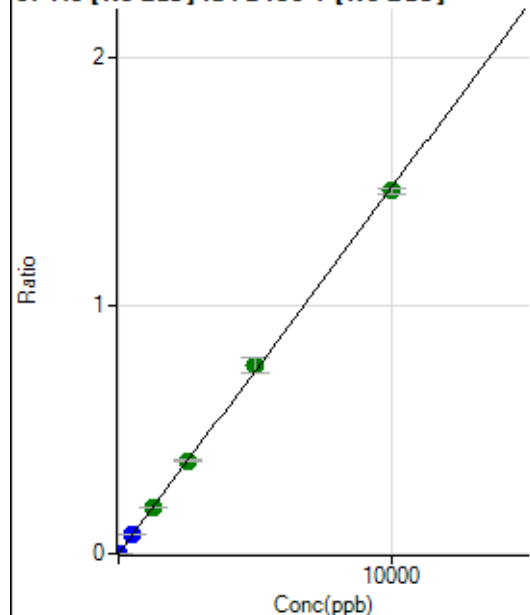
$$DL = 0.03141$$

$$BEC = 0.03979$$

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	13.89	0.0000	P	36.0
2	☐	5.000	4.627	7646.76	0.0007	P	9.1
3	☐	500.000	511.264	835654.77	0.0755	P	1.4
4	☐	1250.000	1251.312	2067937.03	0.1848	A	2.1
5	☐	2500.000	2546.798	4118331.78	0.3761	A	0.8
6	☐	5000.000	5141.251	7987459.21	0.7592	A	7.9
7	☐	10000.000	9916.948	15740487.68	1.4644	A	1.7
8	☐			6365.16	0.0007	P	65.8

$$y = 1.4767\text{E-}004 * x + 1.2688\text{E-}006$$

$$R = 0.9998$$

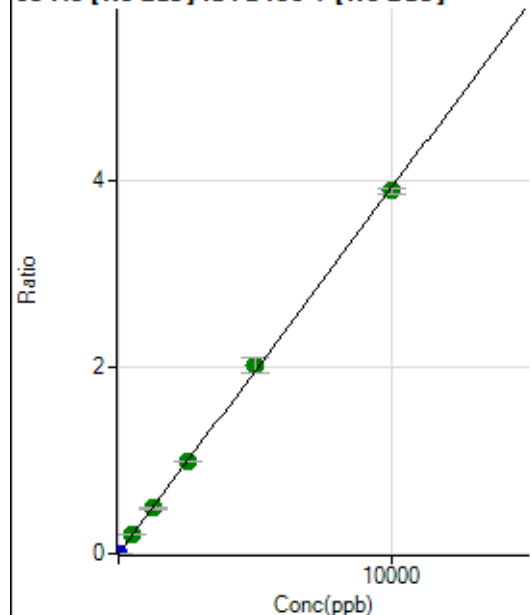
$$DL = 0.009268$$

$$BEC = 0.008592$$

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	66.67	0.0000	P	18.9
2	☐	5.000	4.633	20323.74	0.0018	P	5.4
3	☐	500.000	522.145	2262499.92	0.2044	A	1.1
4	☐	1250.000	1249.282	5472610.19	0.4890	A	2.7
5	☐	2500.000	2535.507	10869089.74	0.9926	A	0.8
6	☐	5000.000	5144.006	21189951.86	2.0137	A	7.6
7	☐	10000.000	9918.103	41733074.89	3.8825	A	1.3
8	☐			16183.30	0.0017	P	59.8

$$y = 3.9146\text{E-}004 * x + 6.0393\text{E-}006$$

$$R = 0.9998$$

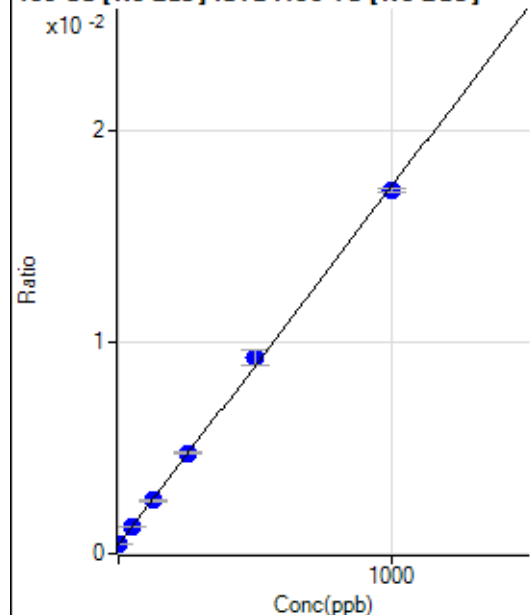
$$DL = 0.008759$$

$$BEC = 0.01543$$

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	3481.10	0.0004	P	5.3
2	☐	1.000	1.606	3761.73	0.0005	P	5.2
3	☐	50.000	51.956	10810.11	0.0013	P	1.4
4	☐	125.000	124.437	20974.86	0.0025	P	3.0
5	☐	250.000	255.097	39663.36	0.0047	P	1.5
6	☐	500.000	522.255	74800.43	0.0093	P	8.5
7	☐	1000.000	987.570	140284.26	0.0171	P	1.2
8	☐			2969.85	0.0004	P	7.8

$$y = 1.6925E-005 * x + 4.2568E-004$$

$$R = 0.9996$$

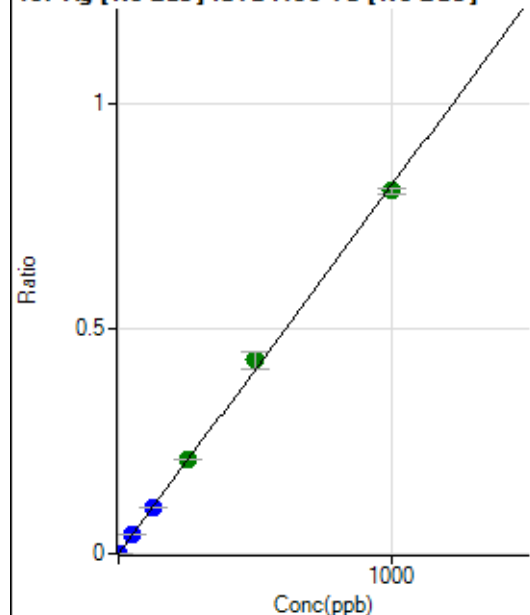
$$DL = 3.964$$

$$BEC = 25.15$$

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	91.67	0.0000	P	55.9
2	☐	1.000	0.974	6693.46	0.0008	P	4.5
3	☐	50.000	50.616	342494.52	0.0413	P	0.7
4	☐	125.000	124.475	842100.59	0.1017	P	1.4
5	☐	250.000	257.657	1759773.02	0.2104	A	0.4
6	☐	500.000	525.365	3462436.67	0.4290	A	9.3
7	☐	1000.000	985.438	6586358.18	0.8048	A	1.6
8	☐			1002.84	0.0001	P	7.4

$$y = 8.1665E-004 * x + 1.1130E-005$$

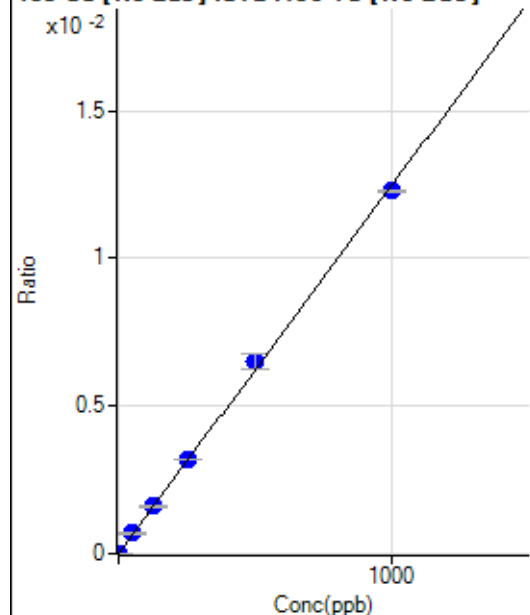
$$R = 0.9995$$

$$DL = 0.02285$$

$$BEC = 0.01363$$

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	20.83	0.0000	P	19.8
2	☐	1.000	1.032	127.78	0.0000	P	9.3
3	☐	50.000	55.490	5742.94	0.0007	P	4.8
4	☐	125.000	129.498	13374.70	0.0016	P	4.4
5	☐	250.000	257.463	26831.81	0.0032	P	0.7
6	☐	500.000	522.093	52519.04	0.0065	P	7.8
7	☐	1000.000	986.251	100538.62	0.0123	P	0.3
8	☐			126.39	0.0000	P	17.1

$$y = 1.2451\text{E-}005 * x + 2.5463\text{E-}006$$

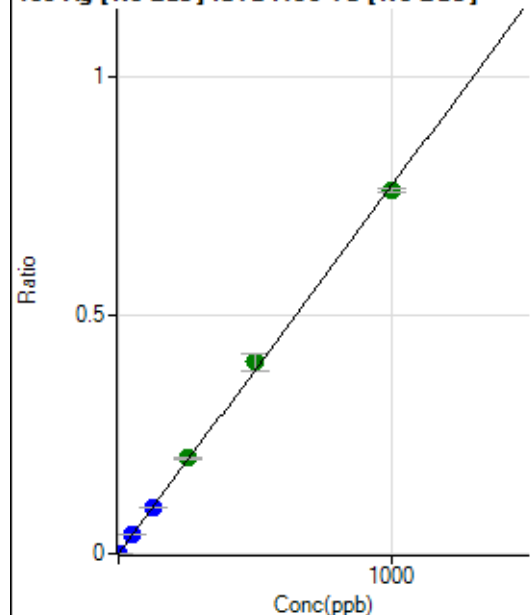
$$R = 0.9996$$

$$DL = 0.1215$$

$$BEC = 0.2045$$

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	75.00	0.0000	P	33.1
2	☐	1.000	0.973	6321.08	0.0008	P	3.9
3	☐	50.000	51.797	331390.23	0.0400	P	0.7
4	☐	125.000	126.308	807924.85	0.0975	P	1.6
5	☐	250.000	260.524	1682541.17	0.2012	A	1.4
6	☐	500.000	520.992	3245678.18	0.4023	A	9.6
7	☐	1000.000	986.620	6235189.68	0.7618	A	0.9
8	☐			902.83	0.0001	P	3.8

$$y = 7.7215\text{E-}004 * x + 9.1690\text{E-}006$$

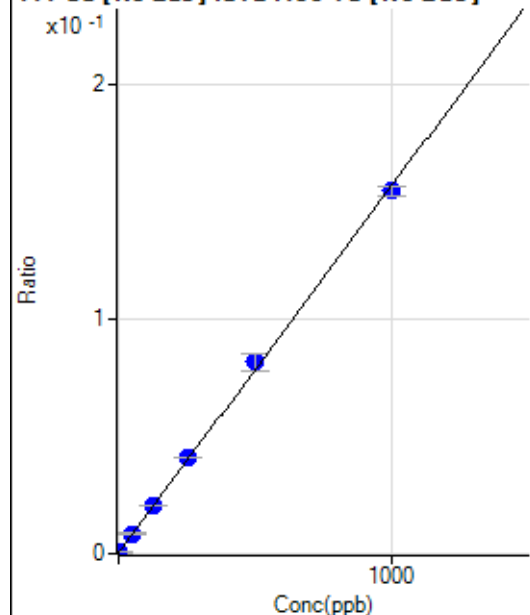
$$R = 0.9996$$

$$DL = 0.01179$$

$$BEC = 0.01187$$

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	2440.24	0.0003	P	5.4
2	☐	1.000	1.128	3945.24	0.0005	P	5.3
3	☐	50.000	53.013	71243.22	0.0086	P	0.7
4	☐	125.000	129.460	170412.89	0.0206	P	1.2
5	☐	250.000	258.230	340694.38	0.0407	P	0.3
6	☐	500.000	521.013	660933.37	0.0819	P	9.0
7	☐	1000.000	986.728	1267003.25	0.1548	P	2.4
8	☐			2777.98	0.0004	P	16.5

$$y = 1.5661\text{E-}004 * x + 2.9841\text{E-}004$$

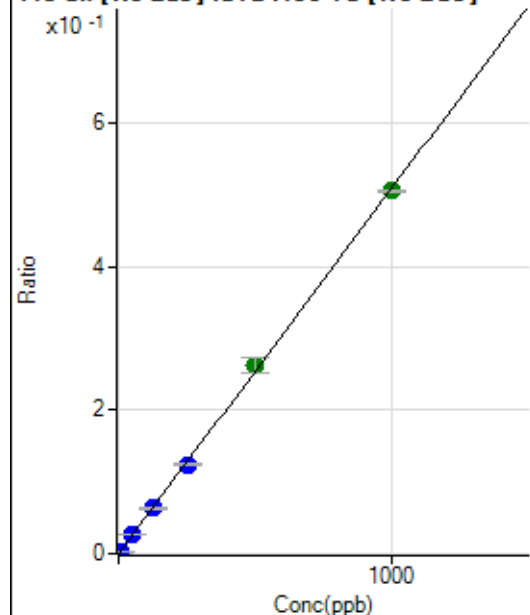
$$R = 0.9996$$

$$DL = 0.306$$

$$BEC = 1.905$$

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	791.71	0.0001	P	9.3
2	☐	5.000	4.604	20232.04	0.0024	P	4.1
3	☐	50.000	50.098	211631.95	0.0255	P	0.5
4	☐	125.000	123.844	521944.32	0.0630	P	1.9
5	☐	250.000	244.563	1039871.25	0.1243	P	0.7
6	☐	500.000	515.200	2113558.38	0.2618	A	8.6
7	☐	1000.000	993.901	4133483.64	0.5050	A	0.8
8	☐			3303.58	0.0005	P	28.3

$$y = 5.0803\text{E-}004 * x + 9.6749\text{E-}005$$

$$R = 0.9998$$

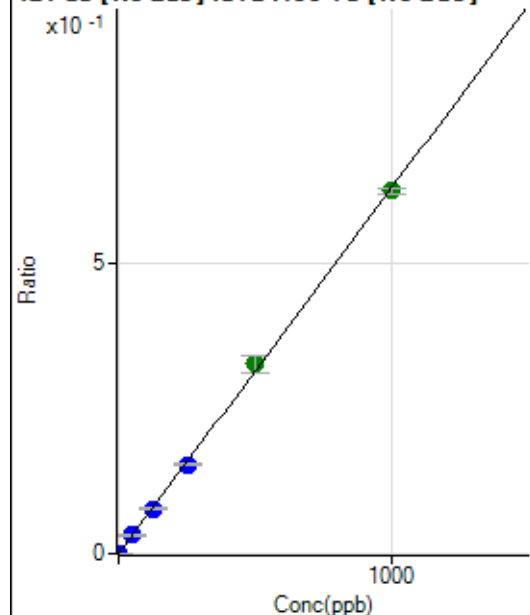
$$DL = 0.05319$$

$$BEC = 0.1904$$

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	41.67	0.0000	P	73.9
2	☐	2.000	1.844	9681.48	0.0012	P	0.7
3	☐	50.000	50.304	262046.08	0.0316	P	2.3
4	☐	125.000	123.189	641670.48	0.0775	P	2.2
5	☐	250.000	243.860	1282495.99	0.1534	P	1.0
6	☐	500.000	518.292	2631531.68	0.3259	A	8.2
7	☐	1000.000	992.601	5108290.09	0.6242	A	1.5
8	☐			3136.95	0.0004	P	32.0

$$y = 6.2883\text{E-}004 * x + 5.1352\text{E-}006$$

$$R = 0.9997$$

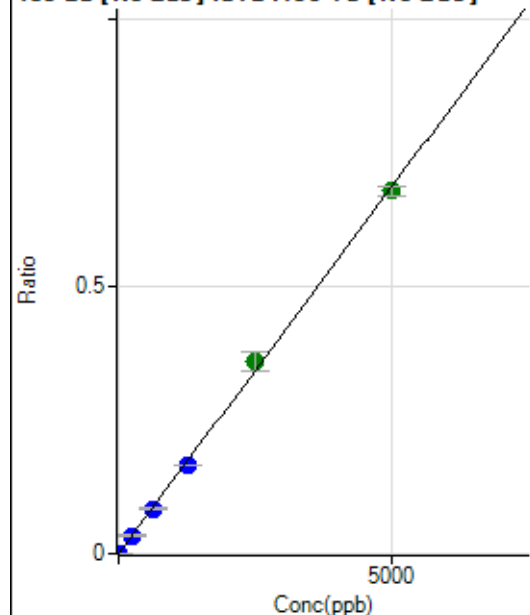
$$DL = 0.0181$$

$$BEC = 0.008166$$

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	30.56	0.0000	P	55.8
2	☐	10.000	9.352	10693.40	0.0013	P	2.5
3	☐	250.000	248.943	282920.43	0.0342	P	0.7
4	☐	625.000	611.147	694438.51	0.0838	P	1.8
5	☐	1250.000	1208.680	1386689.44	0.1658	P	1.1
6	☐	2500.000	2623.931	2905038.72	0.3600	A	9.0
7	☐	5000.000	4950.150	5556612.58	0.6791	A	2.9
8	☐			4407.16	0.0006	P	31.8

$$y = 1.3718\text{E-}004 * x + 3.7271\text{E-}006$$

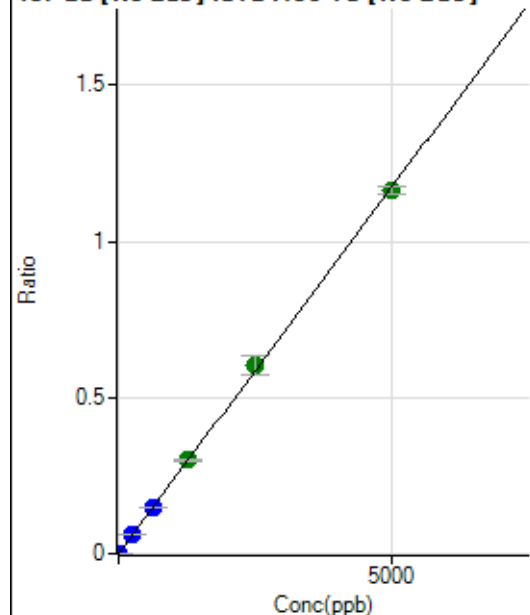
$$R = 0.9995$$

$$DL = 0.0455$$

$$BEC = 0.02717$$

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	86.11	0.0000	P	37.9
2	☐	10.000	9.381	18343.39	0.0022	P	5.8
3	☐	250.000	252.933	491331.62	0.0593	P	0.8
4	☐	625.000	627.295	1218277.70	0.1471	P	1.3
5	☐	1250.000	1275.039	2499898.32	0.2989	A	0.5
6	☐	2500.000	2578.149	4876811.74	0.6044	A	9.6
7	☐	5000.000	4954.233	9505192.05	1.1615	A	2.2
8	☐			9334.49	0.0013	P	14.0

$$y = 2.3444\text{E-}004 * x + 1.0481\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.05087$$

$$BEC = 0.0447$$

Weight: <None>

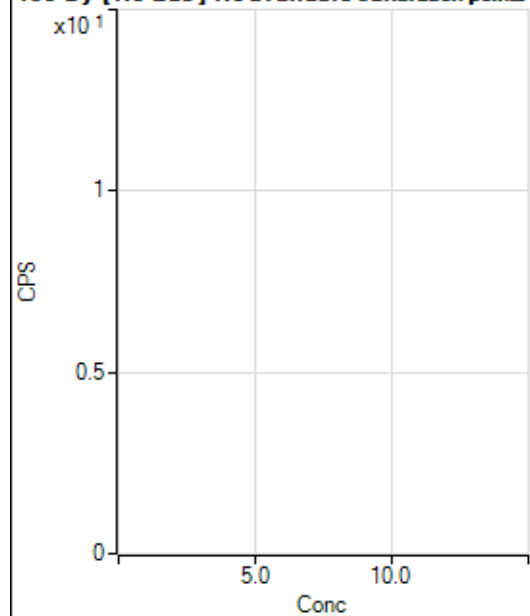
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	98.9
2	☐			13.33		P	50.0
3	☐			28.89		P	96.1
4	☐			51.11		P	19.9
5	☐			86.67		P	20.4
6	☐			153.34		P	11.5
7	☐			266.68		P	15.0
8	☐			151.12		P	25.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	173.
3	☐			2.22		P	86.6
4	☐			4.44		P	114.
5	☐			6.66		P	86.6
6	☐			15.56		P	32.7
7	☐			20.00		P	28.9
8	☐			57.78		P	21.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			5.55		P	86.6
3	☐			38.89		P	44.6
4	☐			36.11		P	48.0
5	☐			88.89		P	28.6
6	☐			219.45		P	11.6
7	☐			280.57		P	3.4
8	☐			1041.73		P	2.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			10.00		P	66.7
4	☐			32.22		P	6.0
5	☐			51.11		P	32.2
6	☐			77.78		P	19.3
7	☐			181.12		P	9.3
8	☐			480.01		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	4.7
2	☐			72.22		P	48.0
3	☐			100.00		P	30.0
4	☐			111.12		P	55.3
5	☐			105.56		P	9.1
6	☐			216.67		P	11.5
7	☐			394.46		P	15.9
8	☐			1136.20		P	13.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			121.11		P	12.7
2	☐			102.23		P	5.0
3	☐			130.00		P	7.7
4	☐			127.78		P	14.8
5	☐			133.34		P	12.5
6	☐			182.22		P	7.4
7	☐			233.34		P	14.1
8	☐			617.80		P	8.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	32.9
2	☐			69.44		P	13.9
3	☐			72.23		P	24.0
4	☐			41.67		P	69.3
5	☐			86.11		P	40.3
6	☐			97.22		P	55.1
7	☐			105.56		P	39.7
8	☐			177.79		P	23.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐			31.11		P	22.3
3	☐			32.22		P	31.6
4	☐			16.67		P	20.0
5	☐			31.11		P	32.7
6	☐			23.33		P	37.8
7	☐			35.55		P	37.9
8	☐			72.22		P	29.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	18.2
2	☐			58.33		P	24.7
3	☐			47.22		P	44.4
4	☐			47.22		P	36.7
5	☐			100.00		P	25.0
6	☐			113.89		P	8.4
7	☐			136.11		P	7.1
8	☐			97.23		P	13.1

172 Yb [He] No available calibration points

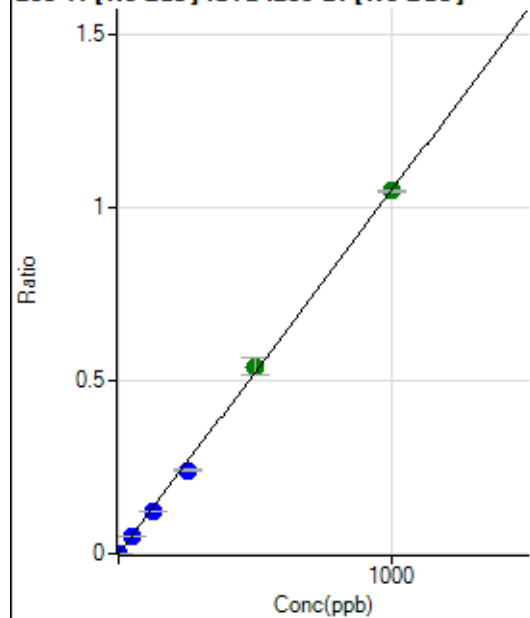
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	88.2
2	☐			40.74		P	28.4
3	☐			29.63		P	60.3
4	☐			42.59		P	39.8
5	☐			31.48		P	44.4
6	☐			57.41		P	11.2
7	☐			74.08		P	11.5
8	☐			74.08		P	37.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1133.42		P	2.7
2	☐			1083.41		P	5.3
3	☐			2175.24		P	3.4
4	☐			3925.69		P	2.8
5	☐			6565.71		P	2.3
6	☐			11989.13		P	1.5
7	☐			23507.62		P	2.3
8	☐			1027.84		P	8.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9796.38		P	1.0
2	☐			10148.51		P	5.1
3	☐			10250.43		P	3.1
4	☐			11025.16		P	1.8
5	☐			11583.07		P	7.2
6	☐			14411.78		P	1.7
7	☐			18329.62		P	3.3
8	☐			8278.67		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	216.67	0.0000	P	28.6
2	☐	1.000	0.866	5184.53	0.0009	P	4.5
3	☐	50.000	46.112	266703.56	0.0485	P	2.6
4	☐	125.000	115.954	667823.47	0.1219	P	1.1
5	☐	250.000	229.409	1334602.45	0.2411	P	1.4
6	☐	500.000	514.612	2837834.70	0.5407	A	9.0
7	☐	1000.000	999.167	5559323.61	1.0497	A	0.3
8	☐			2267.43	0.0005	P	52.7

$$y = 0.0011 * x + 3.9725E-005$$

$$R = 0.9996$$

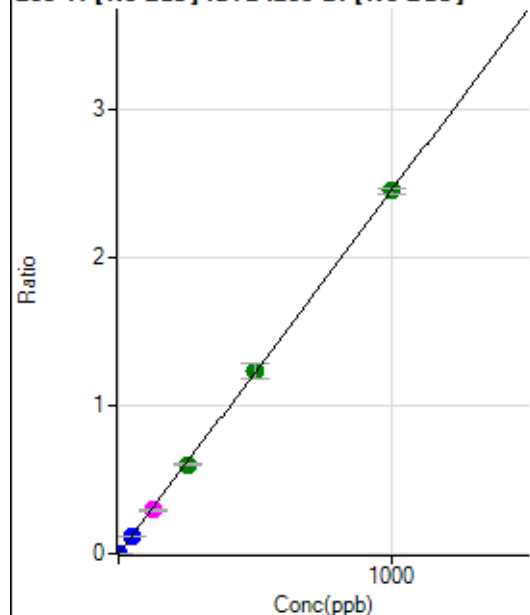
$$DL = 0.03243$$

$$BEC = 0.03781$$

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	436.13	0.0001	P	13.5
2	☐	1.000	0.875	12147.65	0.0022	P	4.4
3	☐	50.000	47.942	647381.63	0.1177	P	1.7
4	☐	125.000	121.680	1635832.16	0.2985	M	4.4
5	☐	250.000	244.863	3325685.90	0.6007	A	1.8
6	☐	500.000	504.292	6493027.97	1.2370	A	8.8
7	☐	1000.000	999.656	12985589.70	2.4519	A	1.3
8	☐			5304.57	0.0012	P	60.5

$$y = 0.0025 * x + 7.9576E-005$$

$$R = 1.0000$$

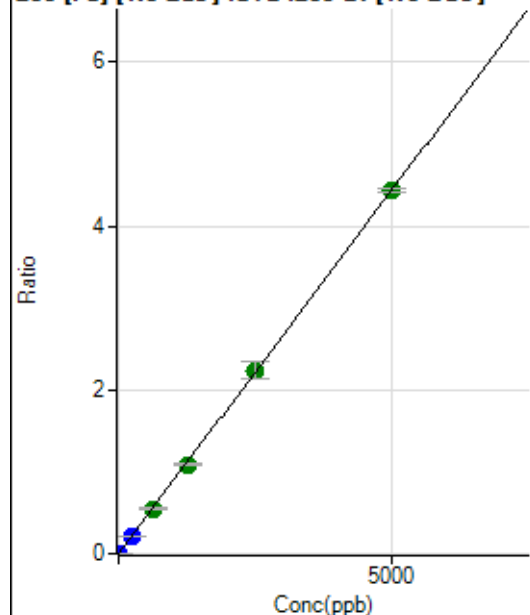
$$DL = 0.01311$$

$$BEC = 0.03244$$

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	750.04	0.0001	P	1.9
2	☐	1.000	0.891	5054.80	0.0009	P	3.7
3	☐	250.000	230.654	1125526.27	0.2046	P	2.4
4	☐	625.000	618.720	3006201.49	0.5486	A	1.3
5	☐	1250.000	1226.519	6020040.12	1.0873	A	1.3
6	☐	2500.000	2524.680	11744452.69	2.2380	A	9.4
7	☐	5000.000	4995.283	23445631.54	4.4279	A	0.9
8	☐			13824.95	0.0031	P	36.8

$$y = 8.8638E-004 * x + 1.3712E-004$$

$$R = 1.0000$$

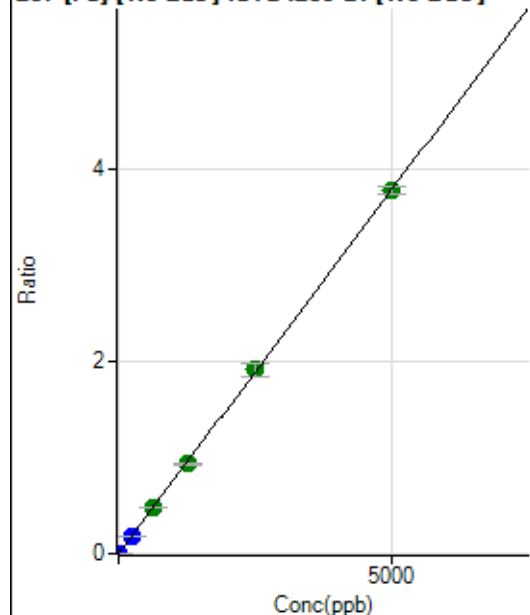
$$DL = 0.008602$$

$$BEC = 0.1547$$

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	575.95	0.0001	P	4.8
2	☐	1.000	0.905	4308.22	0.0008	P	4.5
3	☐	250.000	235.135	977757.49	0.1777	P	2.0
4	☐	625.000	626.711	2594863.14	0.4735	A	1.5
5	☐	1250.000	1230.384	5146173.44	0.9295	A	1.9
6	☐	2500.000	2532.804	10048232.17	1.9133	A	7.6
7	☐	5000.000	4989.031	19951127.30	3.7686	A	2.2
8	☐			13327.48	0.0029	P	25.5

$$y = 7.5536\text{E-}004 * x + 1.0533\text{E-}004$$

R = 1.0000

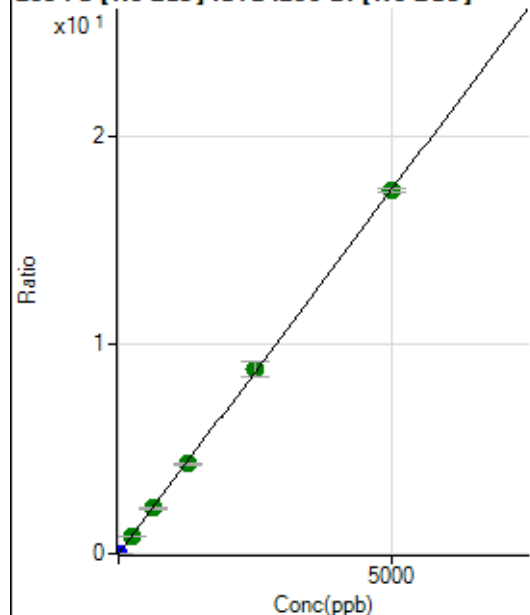
DL = 0.01997

BEC = 0.1394

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	2870.56	0.0005	P	4.7
2	☐	1.000	0.892	19815.57	0.0036	P	2.7
3	☐	250.000	245.177	4703088.71	0.8549	A	2.0
4	☐	625.000	623.240	11905054.17	2.1722	A	0.9
5	☐	1250.000	1229.516	23723322.63	4.2848	A	1.6
6	☐	2500.000	2537.726	46420619.21	8.8433	A	8.8
7	☐	5000.000	4986.719	92005654.37	17.3769	A	1.2
8	☐			54973.87	0.0122	P	35.0

$$y = 0.0035 * x + 5.2499\text{E-}004$$

R = 0.9999

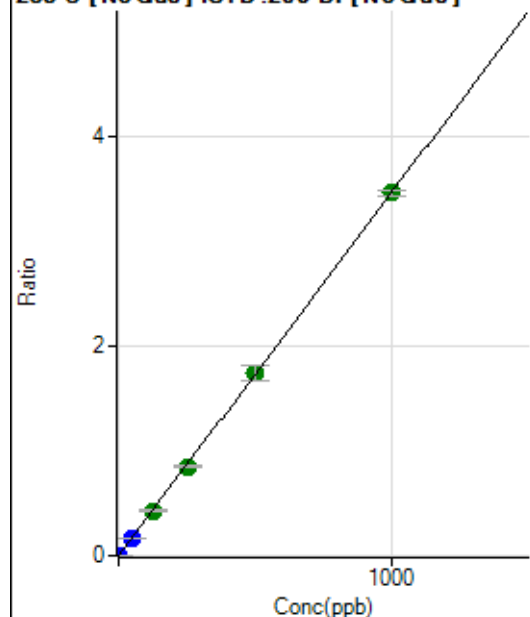
DL = 0.02129

BEC = 0.1507

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	18.0
2	☐	1.000	0.904	17095.32	0.0031	P	3.8
3	☐	50.000	47.039	894408.41	0.1626	P	1.6
4	☐	125.000	123.881	2346149.75	0.4281	A	2.5
5	☐	250.000	244.947	4686454.71	0.8465	A	1.6
6	☐	500.000	503.677	9135622.60	1.7406	A	9.1
7	☐	1000.000	999.713	18290245.37	3.4548	A	1.8
8	☐			5567.90	0.0012	P	88.4

$$y = 0.0035 * x + 9.6448E-006$$

$$R = 1.0000$$

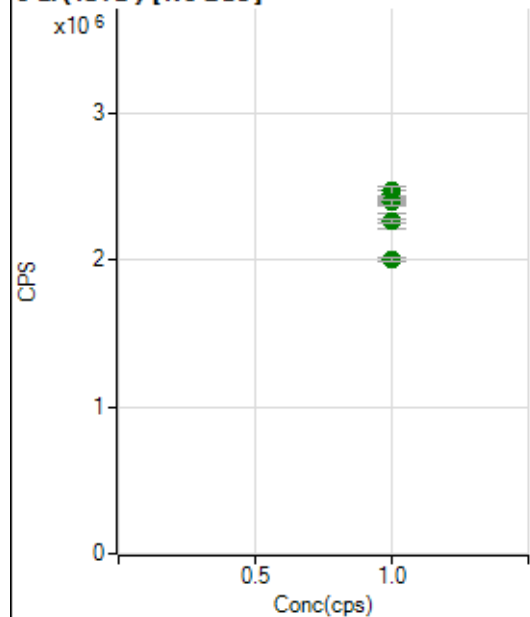
$$DL = 0.001505$$

$$BEC = 0.002791$$

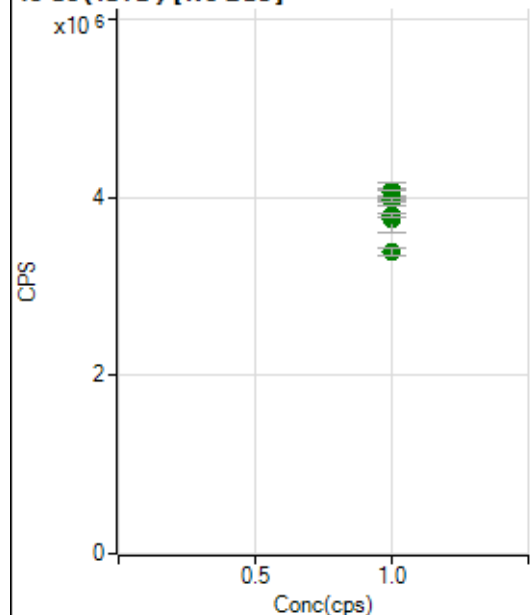
Weight: <None>

Min Conc: 0

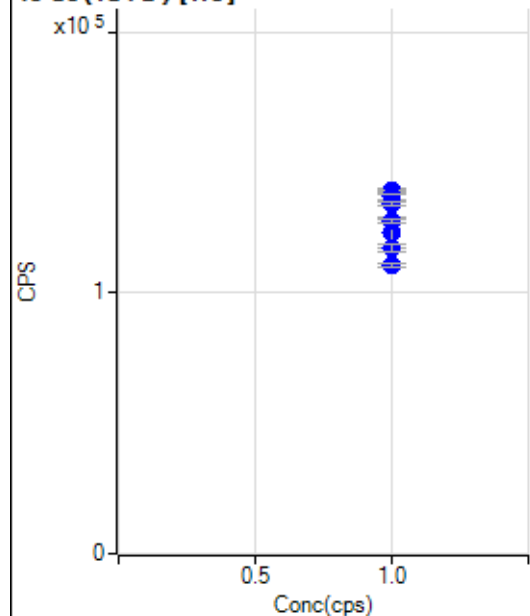
6 Li (ISTD) [No Gas]



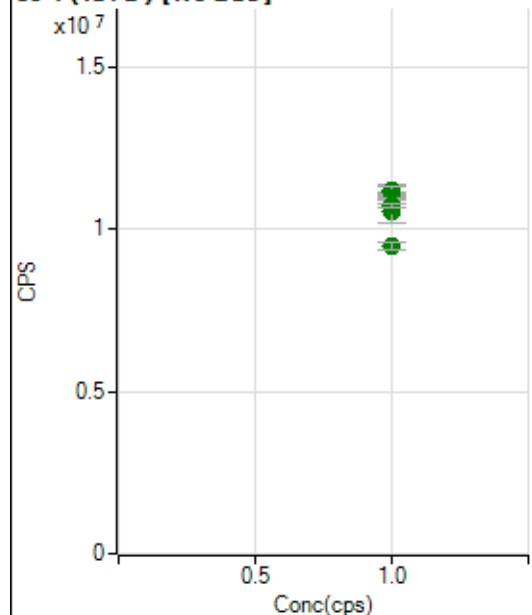
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2454345.01		A	1.3
2	☐	1.000		2405892.08		A	1.1
3	☐	1.000		2470405.58		A	2.5
4	☐	1.000		2393775.29		A	1.1
5	☐	1.000		2390234.92		A	1.8
6	☐	1.000		2268507.84		A	4.4
7	☐	1.000		2261451.33		A	1.4
8	☐	1.000		2000427.15		A	1.3

45 Sc (ISTD) [No Gas]

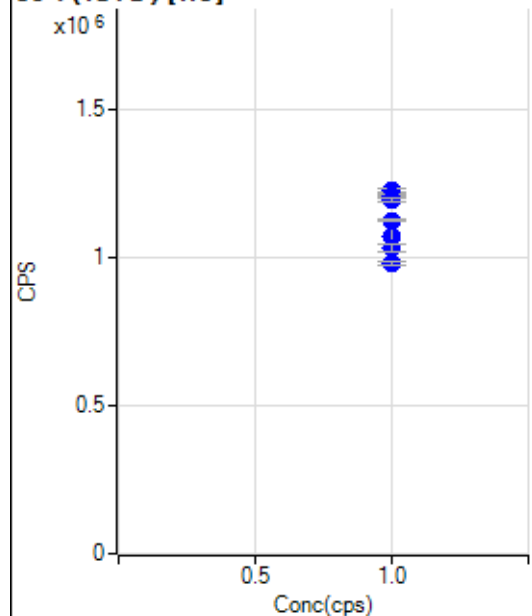
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4046413.03		A	2.0
2	☐	1.000		4069977.23		A	5.0
3	☐	1.000		4054768.31		A	2.3
4	☐	1.000		4046277.33		A	1.4
5	☐	1.000		3969418.55		A	1.4
6	☐	1.000		3754720.26		A	8.5
7	☐	1.000		3800693.28		A	0.8
8	☐	1.000		3386159.39		A	2.1

45 Sc (ISTD) [He]

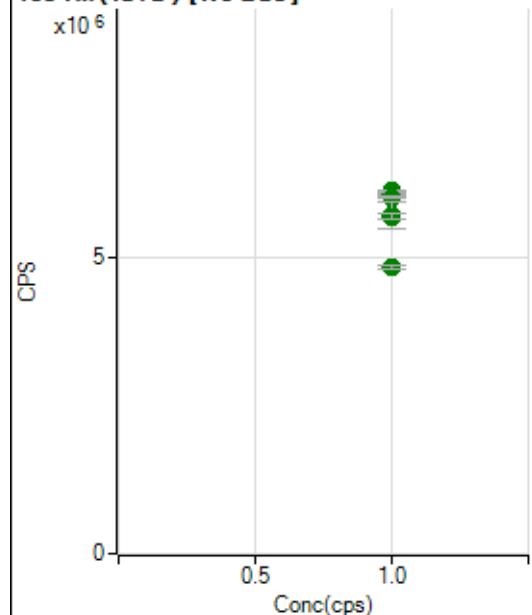
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		138990.83		P	1.1
2	☐	1.000		139019.96		P	0.5
3	☐	1.000		136997.99		P	1.7
4	☐	1.000		134238.47		P	1.2
5	☐	1.000		123078.86		P	9.8
6	☐	1.000		127661.59		P	1.4
7	☐	1.000		117101.27		P	3.0
8	☐	1.000		110398.50		P	1.4

89 Y (ISTD) [No Gas]

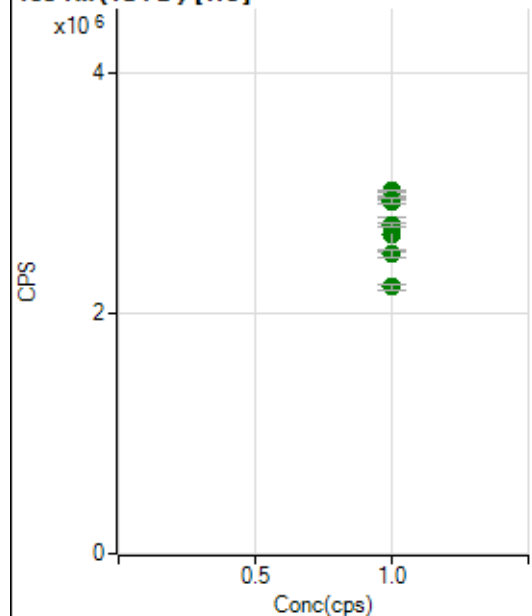
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10995011.09		A	3.2
2	☐	1.000		11183817.33		A	3.6
3	☐	1.000		11069050.11		A	0.8
4	☐	1.000		11195083.58		A	2.4
5	☐	1.000		10950774.28		A	0.4
6	☐	1.000		10557361.65		A	6.6
7	☐	1.000		10750049.42		A	1.2
8	☐	1.000		9504659.44		A	2.3

89 Y (ISTD) [He]

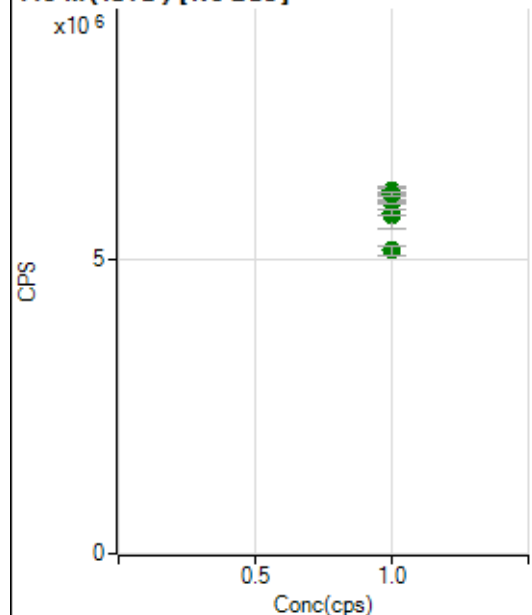
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1206524.06		P	0.6
2	☐	1.000		1226867.07		P	1.1
3	☐	1.000		1209813.45		P	1.0
4	☐	1.000		1194638.99		P	1.3
5	☐	1.000		1073820.47		P	10.0
6	☐	1.000		1127657.01		P	0.4
7	☐	1.000		1031938.70		P	2.5
8	☐	1.000		981549.92		P	1.4

103 Rh (ISTD) [No Gas]

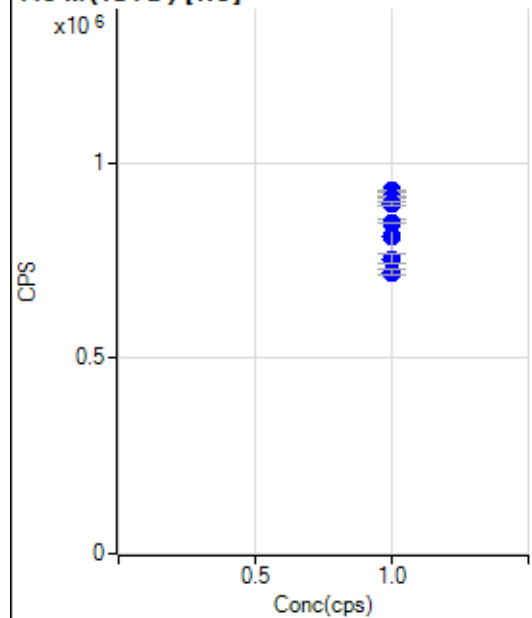
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6092489.98		A	1.3
2	☐	1.000		6032156.95		A	3.5
3	☐	1.000		6049461.07		A	1.5
4	☐	1.000		6117256.47		A	0.3
5	☐	1.000		6008640.02		A	0.5
6	☐	1.000		5708595.40		A	8.0
7	☐	1.000		5681466.92		A	1.9
8	☐	1.000		4831476.49		A	1.4

103 Rh (ISTD) [He]

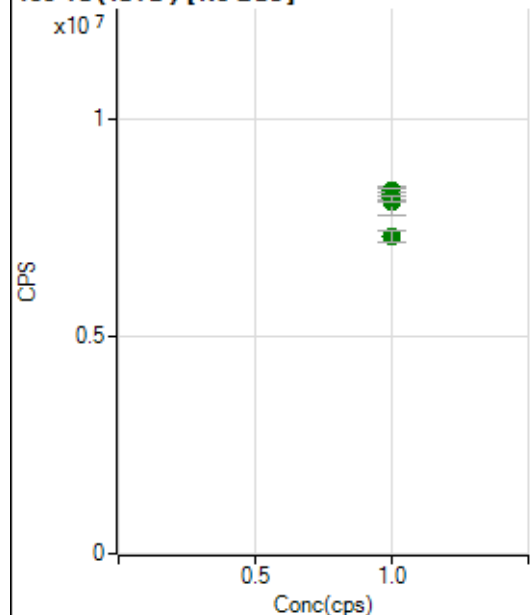
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2956136.24		A	1.0
2	☐	1.000		3020581.62		A	0.4
3	☐	1.000		2947501.52		A	2.3
4	☐	1.000		2936463.11		A	1.3
5	☐	1.000		2653034.32		A	11.1
6	☐	1.000		2741942.74		A	1.3
7	☐	1.000		2493181.21		A	2.4
8	☐	1.000		2221765.21		A	2.1

115 In (ISTD) [No Gas]

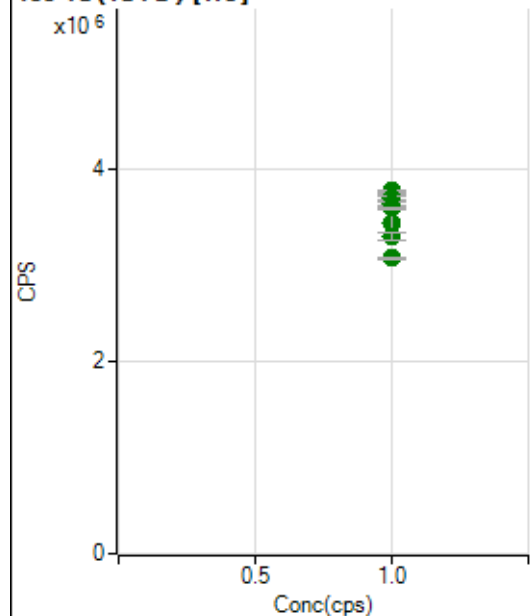
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6023477.06		A	1.8
2	☐	1.000		6161737.50		A	2.2
3	☐	1.000		6116583.89		A	3.0
4	☐	1.000		5991026.11		A	0.5
5	☐	1.000		6106464.56		A	0.7
6	☐	1.000		5743807.40		A	7.5
7	☐	1.000		5789182.08		A	1.5
8	☐	1.000		5153913.61		A	3.1

115 In (ISTD) [He]

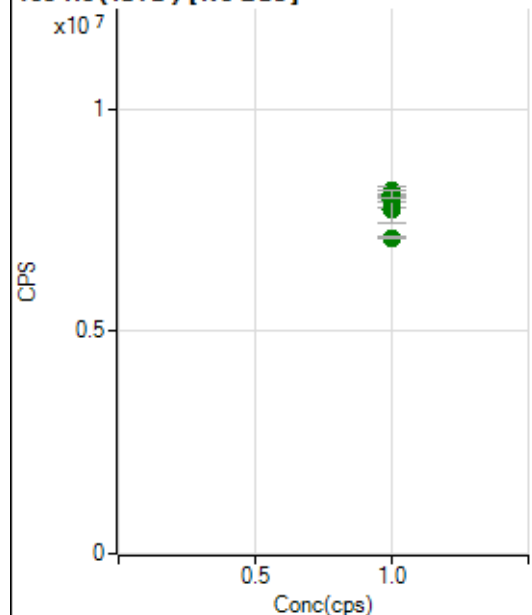
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		913266.68		P	0.5
2	☐	1.000		928236.35		P	0.3
3	☐	1.000		912496.05		P	0.4
4	☐	1.000		895065.41		P	0.9
5	☐	1.000		811011.62		P	10.9
6	☐	1.000		847463.83		P	0.2
7	☐	1.000		754527.47		P	3.1
8	☐	1.000		720095.14		P	1.7

159 Tb (ISTD) [No Gas]

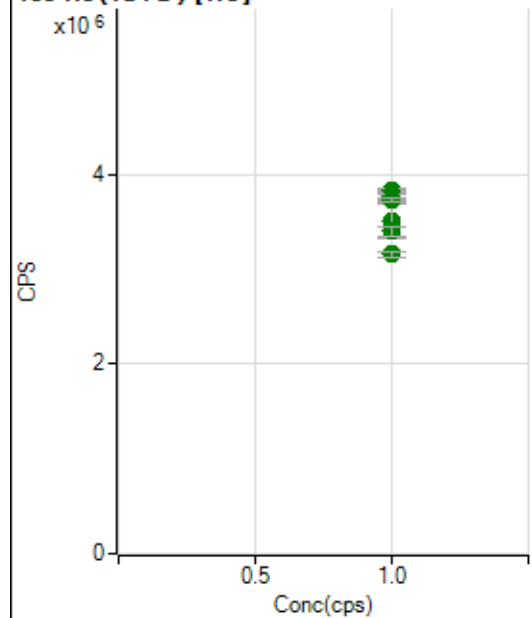
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8182734.88		A	1.8
2	☐	1.000		8311807.79		A	3.7
3	☐	1.000		8283823.63		A	0.9
4	☐	1.000		8284161.96		A	1.2
5	☐	1.000		8362826.61		A	1.0
6	☐	1.000		8108271.06		A	7.7
7	☐	1.000		8185321.89		A	1.6
8	☐	1.000		7304827.39		A	3.8

159 Tb (ISTD) [He]

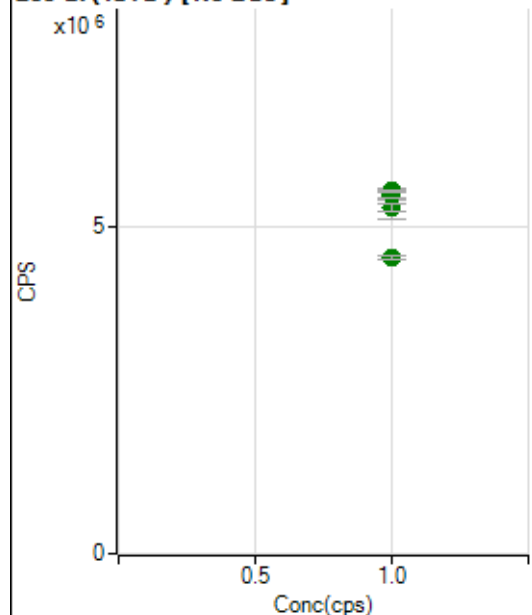
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3704689.39		A	1.6
2	☐	1.000		3768942.58		A	0.6
3	☐	1.000		3694135.67		A	0.9
4	☐	1.000		3632564.98		A	0.9
5	☐	1.000		3436727.52		A	10.2
6	☐	1.000		3587259.94		A	1.0
7	☐	1.000		3291334.05		A	2.3
8	☐	1.000		3068751.38		A	0.6

165 Ho (ISTD) [No Gas]

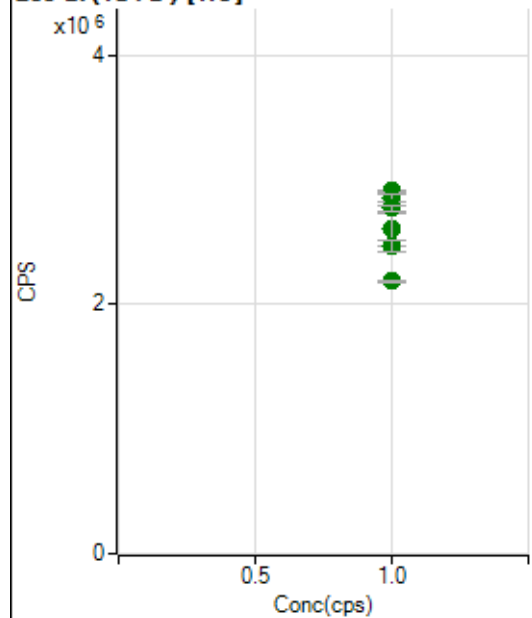
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7935436.46		A	3.6
2	☐	1.000		8156572.23		A	3.0
3	☐	1.000		7984484.64		A	1.8
4	☐	1.000		8001294.36		A	0.2
5	☐	1.000		8036463.03		A	1.2
6	☐	1.000		7721747.22		A	7.6
7	☐	1.000		8102803.05		A	2.1
8	☐	1.000		7110994.26		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3775830.81		A	2.8
2	☐	1.000		3822182.20		A	1.2
3	☐	1.000		3793896.02		A	0.5
4	☐	1.000		3764827.90		A	1.1
5	☐	1.000		3509217.73		A	10.1
6	☐	1.000		3729990.36		A	0.9
7	☐	1.000		3399964.36		A	2.9
8	☐	1.000		3150905.47		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5471201.00		A	1.9
2	☐	1.000		5458444.85		A	2.3
3	☐	1.000		5503371.38		A	2.8
4	☐	1.000		5480888.53		A	1.5
5	☐	1.000		5536773.11		A	0.7
6	☐	1.000		5268907.73		A	6.4
7	☐	1.000		5295644.85		A	2.2
8	☐	1.000		4525906.32		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2902350.65		A	0.5
2	☐	1.000		2908783.15		A	0.8
3	☐	1.000		2887048.08		A	0.3
4	☐	1.000		2847395.31		A	2.0
5	☐	1.000		2602059.47		A	10.2
6	☐	1.000		2768983.46		A	1.4
7	☐	1.000		2462349.72		A	3.5
8	☐	1.000		2186286.76		A	0.8