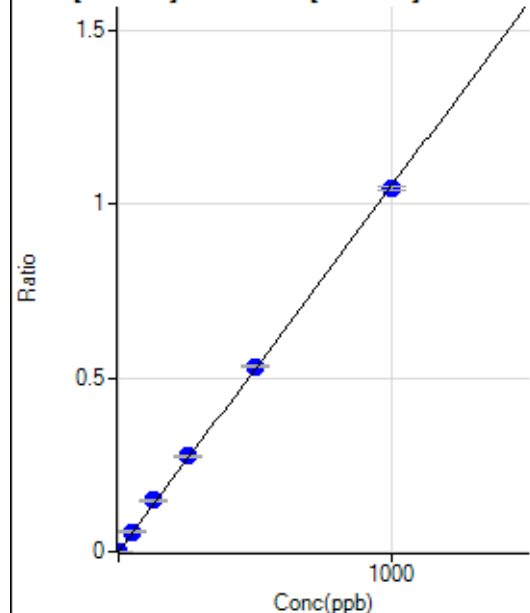


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100824-MS2.b\
 Analysis File: P7100824-MS2.batch.bin
 DA Date-Time: 2024-10-10 20:16:30
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-08 12:36:59
2	005CALS.d	S02	2024-10-08 12:40:22
3	006CALS.d	S03	2024-10-08 12:43:41
4	007CALS.d	S04	2024-10-08 12:46:55
5	008CALS.d	S05	2024-10-08 12:49:55
6	009CALS.d	S06	2024-10-08 12:52:52
7	010CALS.d	S07	2024-10-08 12:55:44
8	011CALS.d	S08	2024-10-08 12:58:32

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0001	P	19.4
2	☐	1.000	1.169	1196.72	0.0013	P	7.4
3	☐	50.000	54.877	56138.57	0.0578	P	4.1
4	☐	125.000	139.474	137307.34	0.1467	P	4.6
5	☐	250.000	260.860	267825.96	0.2743	P	0.6
6	☐	500.000	505.990	505253.34	0.5320	P	0.6
7	☐	1000.000	992.237	987434.44	1.0432	P	0.9
8	☐			318.90	0.0003	P	10.5

$$y = 0.0011 * x + 6.3865E-005$$

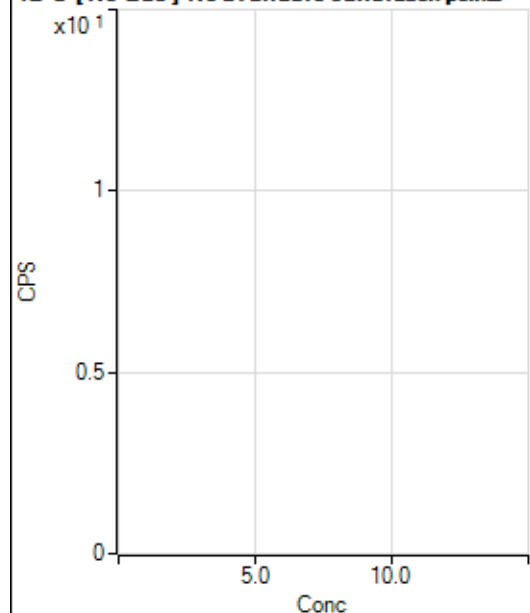
$$R = 0.9998$$

$$DL = 0.03538$$

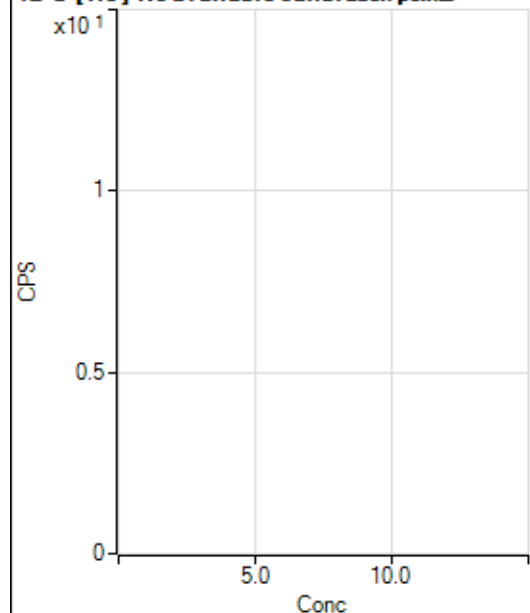
$$BEC = 0.06075$$

Weight: <None>

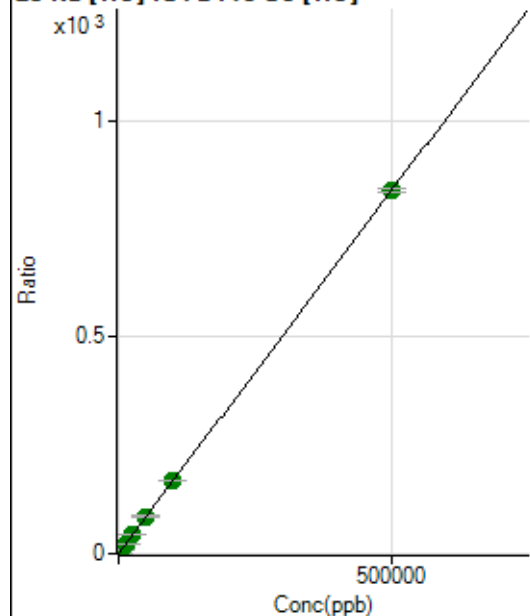
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8135.54	0.0404	P	2.9
2	☐	500.000	547.065	196038.45	0.9582	P	1.0
3	☐	5000.000	4998.401	1713856.66	8.4255	A	0.8
4	☐	12500.000	12676.055	4104745.53	21.3051	A	1.6
5	☐	25000.000	25956.573	7991583.29	43.5838	A	0.6
6	☐	50000.000	51398.667	15465490.88	86.2640	A	1.1
7	☐	100000.00	100612.99	30135275.94	168.8233	A	0.7
8	☐	500000.00	499685.27	153787546.6	838.2850	A	1.1

$$y = 0.0017 * x + 0.0404$$

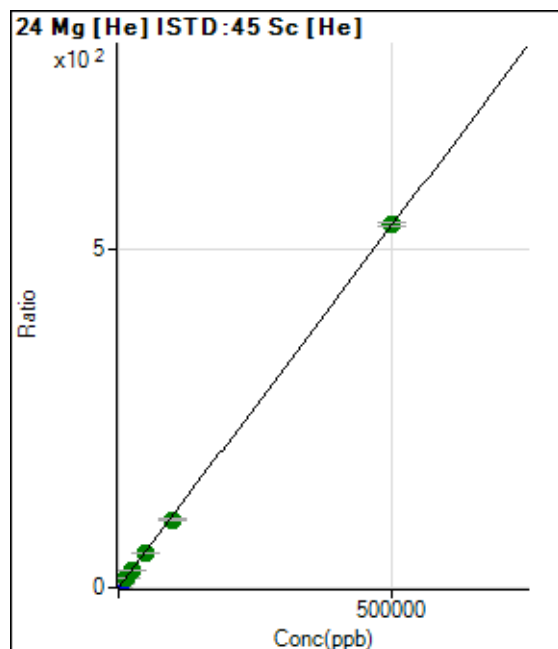
$$R = 1.0000$$

$$DL = 2.13$$

$$BEC = 24.1$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	806.70	0.0040	P	0.8
2	☐	500.000	546.574	120275.34	0.5879	P	0.6
3	☐	5000.000	4911.077	1067913.12	5.2500	P	0.2
4	☐	12500.000	12025.631	2475697.19	12.8496	A	0.2
5	☐	25000.000	24652.851	4829662.12	26.3378	A	0.8
6	☐	50000.000	48653.919	9318270.84	51.9755	A	0.7
7	☐	100000.00	94310.717	17982859.59	100.7454	A	1.2
8	☐	500000.00	501302.52	98238575.20	535.4885	A	1.1

$$y = 0.0011 * x + 0.0040$$

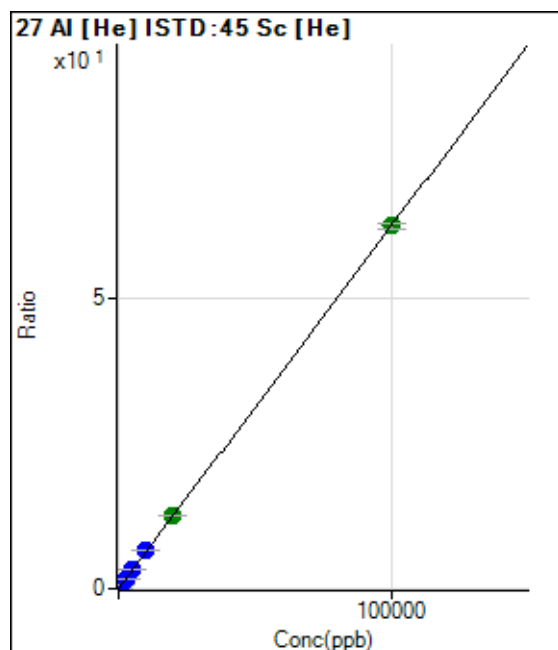
$$R = 0.9999$$

$$DL = 0.09495$$

$$BEC = 3.753$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0004	P	16.0
2	☐	20.000	22.837	3001.43	0.0147	P	5.0
3	☐	1000.000	1024.491	130106.64	0.6396	P	0.7
4	☐	2500.000	2585.932	310930.86	1.6138	P	0.9
5	☐	5000.000	5236.188	599109.70	3.2674	P	1.0
6	☐	10000.000	10374.844	1160594.12	6.4735	P	0.4
7	☐	20000.000	19930.882	2219806.60	12.4357	A	0.3
8	☐	100000.00	99962.136	11441312.33	62.3688	A	1.8

$$y = 6.2392E-004 * x + 4.1953E-004$$

$$R = 1.0000$$

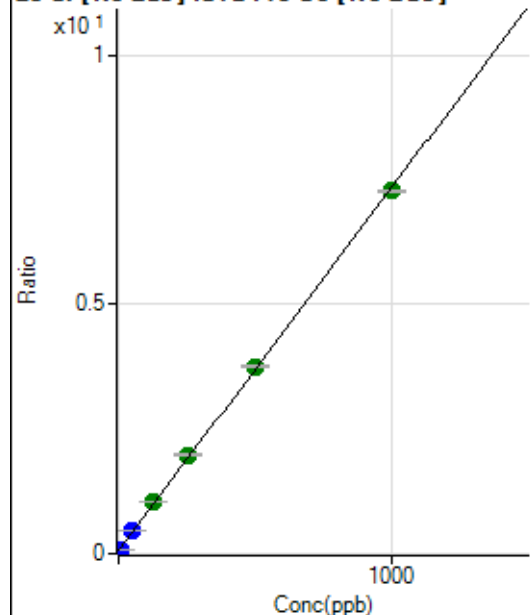
$$DL = 0.3237$$

$$BEC = 0.6724$$

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	146543.65	0.0605	P	0.8
2	☐	10.000	1.396	168440.70	0.0707	P	5.6
3	☐	50.000	53.568	1098941.55	0.4504	P	1.0
4	☐	125.000	133.511	2419891.29	1.0323	A	1.2
5	☐	250.000	264.424	4426419.52	1.9851	A	0.6
6	☐	500.000	507.962	8212969.60	3.7577	A	0.3
7	☐	1000.000	991.257	15533099.63	7.2754	A	0.6
8	☐			170192.88	0.0803	P	2.5

$$y = 0.0073 * x + 0.0605$$

$$R = 0.9997$$

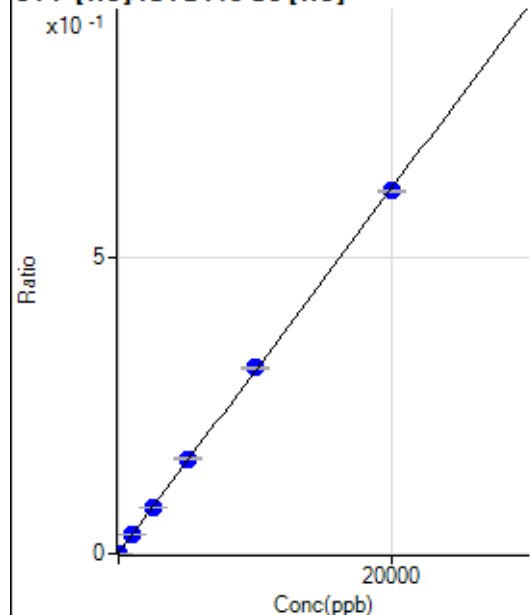
$$DL = 0.2011$$

$$BEC = 8.318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.188	114.44	0.0006	P	7.3
2	☐	0.000	15.188	307.79	0.0015	P	12.6
3	☐	1000.000	1005.867	6512.55	0.0320	P	2.6
4	☐	2500.000	2529.899	15212.11	0.0790	P	1.1
5	☐	5000.000	5180.821	29446.12	0.1606	P	1.8
6	☐	10000.000	10166.183	56320.82	0.3141	P	0.8
7	☐	20000.000	19867.672	109412.89	0.6129	P	0.2
8	☐			166.67	0.0009	P	10.6

$$y = 3.0799E-005 * x + 0.0010$$

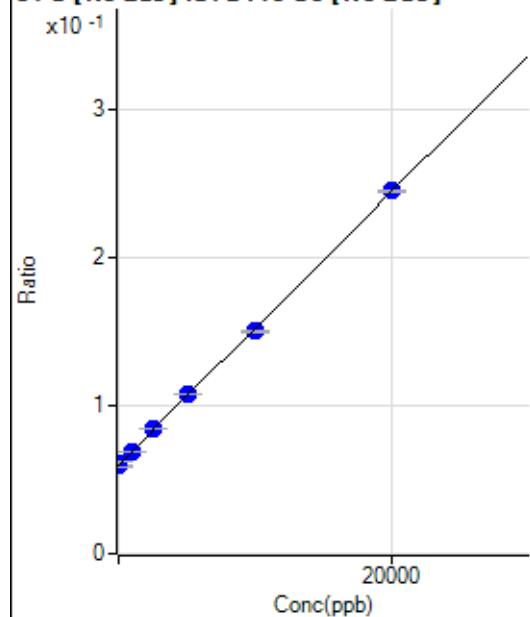
$$R = 0.9999$$

$$DL = 11.29$$

$$BEC = 33.66$$

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	-27.229	145359.25	0.0601	P	1.0
2	☐	0.000	27.229	144279.17	0.0606	P	5.3
3	☐	1000.000	971.714	169006.45	0.0693	P	0.5
4	☐	2500.000	2637.892	198455.47	0.0847	P	0.3
5	☐	5000.000	5179.357	241071.47	0.1081	P	0.4
6	☐	10000.000	9752.789	328561.58	0.1503	P	0.6
7	☐	20000.000	20062.944	524161.63	0.2455	P	0.5
8	☐			118285.53	0.0558	P	2.6

$$y = 9.2309\text{E-}006 * x + 0.0603$$

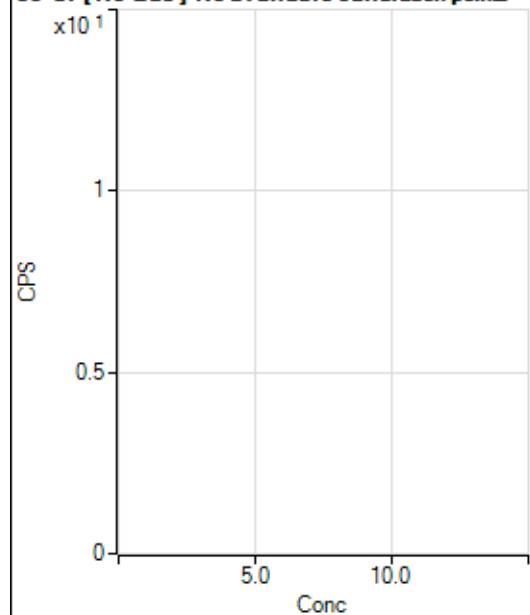
R = 0.9998

DL = 615.8

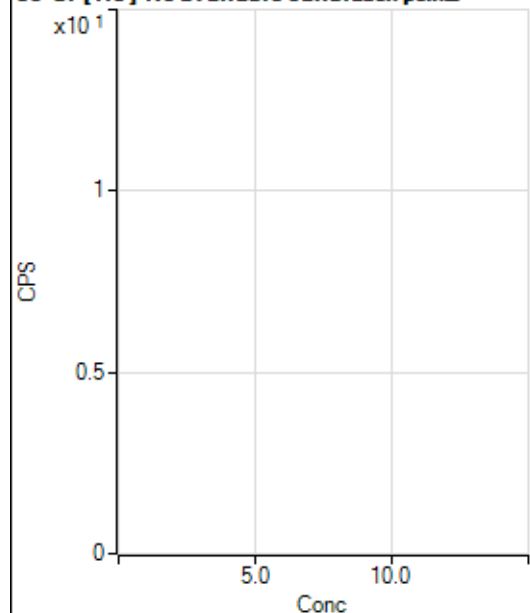
BEC = 6533

Weight: <None>

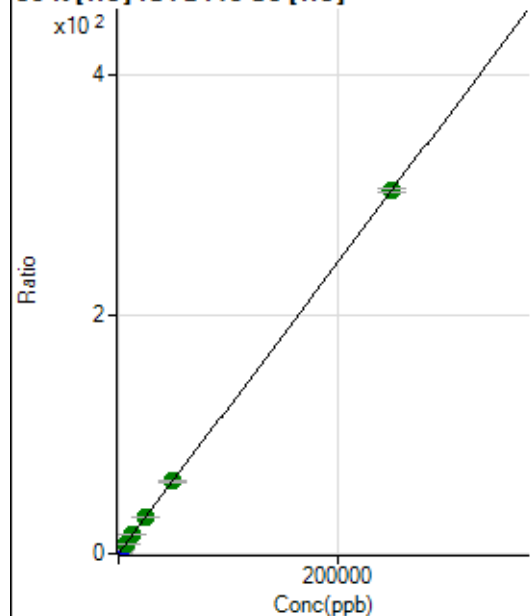
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32833.19	0.1632	P	1.2
2	☐	500.000	557.883	171763.42	0.8395	P	0.4
3	☐	2500.000	2712.534	702064.82	3.4514	P	0.3
4	☐	6250.000	6461.070	1540488.68	7.9955	A	0.6
5	☐	12500.000	12855.659	2887426.66	15.7473	A	0.8
6	☐	25000.000	25565.817	5585575.89	31.1551	A	0.7
7	☐	50000.000	49810.252	10807290.67	60.5452	A	1.4
8	☐	250000.00	249956.06	55618328.61	303.1701	A	1.0

$$y = 0.0012 * x + 0.1632$$

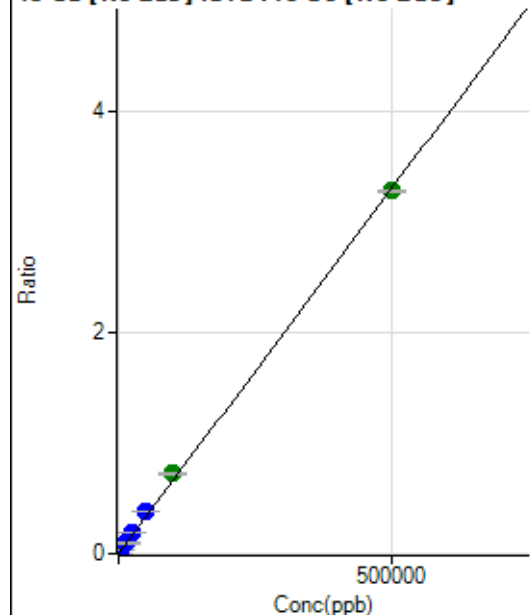
$$R = 1.0000$$

$$DL = 4.956$$

$$BEC = 134.6$$

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	171.11	0.0001	P	10.1
2	☐	500.000	573.802	9198.41	0.0039	P	5.5
3	☐	5000.000	5862.430	94624.58	0.0388	P	1.4
4	☐	12500.000	14544.477	225318.51	0.0961	P	1.6
5	☐	25000.000	29213.199	430320.31	0.1930	P	0.9
6	☐	50000.000	57245.938	826411.72	0.3781	P	0.5
7	☐	100000.00	109582.02	1545177.53	0.7237	A	0.5
8	☐	500000.00	497088.53	6958033.71	3.2827	A	0.9

$$y = 6.6038\text{E-}006 * x + 7.0636\text{E-}005$$

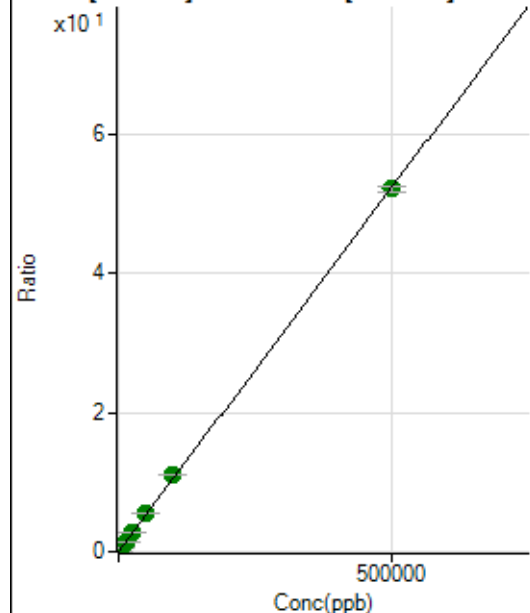
$$R = 0.9997$$

$$DL = 3.252$$

$$BEC = 10.7$$

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	2952.54	0.0012	P	3.9
2	☐	500.000	577.004	146758.55	0.0616	P	6.0
3	☐	5000.000	5332.332	1364524.76	0.5593	A	0.9
4	☐	12500.000	13274.065	3259547.90	1.3904	A	0.6
5	☐	25000.000	26686.345	6230272.27	2.7941	A	0.9
6	☐	50000.000	52596.087	12033714.27	5.5058	A	1.0
7	☐	100000.00	105190.27	23507319.93	11.0101	A	0.6
8	☐	500000.00	498595.26	110589016.1	52.1828	A	1.5

$$y = 1.0466\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

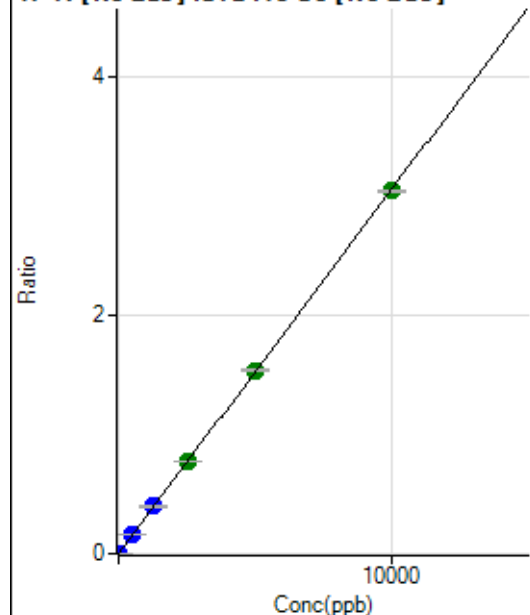
$$DL = 1.365$$

$$BEC = 11.65$$

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	58.89	0.0000	P	8.1
2	☐	5.000	5.254	3880.54	0.0016	P	9.7
3	☐	500.000	519.110	387170.24	0.1587	P	0.8
4	☐	1250.000	1297.997	930102.59	0.3968	P	1.0
5	☐	2500.000	2537.842	1729705.27	0.7757	A	0.8
6	☐	5000.000	5036.753	3364885.78	1.5395	A	0.8
7	☐	10000.000	9965.208	6503248.86	3.0460	A	0.8
8	☐			1364.52	0.0006	P	3.8

$$y = 3.0566E-004 * x + 2.4320E-005$$

$$R = 1.0000$$

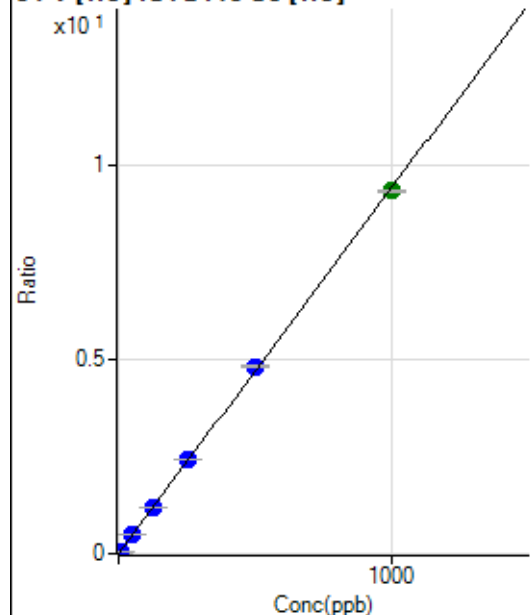
$$DL = 0.01936$$

$$BEC = 0.07957$$

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	7.78	0.0000	P	99.3
2	☐	5.000	5.361	10320.26	0.0504	P	1.2
3	☐	50.000	50.960	97456.49	0.4791	P	0.6
4	☐	125.000	128.175	232164.26	1.2050	P	0.8
5	☐	250.000	257.700	444213.34	2.4226	P	1.0
6	☐	500.000	511.509	862102.88	4.8087	P	0.8
7	☐	1000.000	991.874	1664427.63	9.3245	A	0.8
8	☐			560.02	0.0031	P	7.1

$$y = 0.0094 * x + 3.8727E-005$$

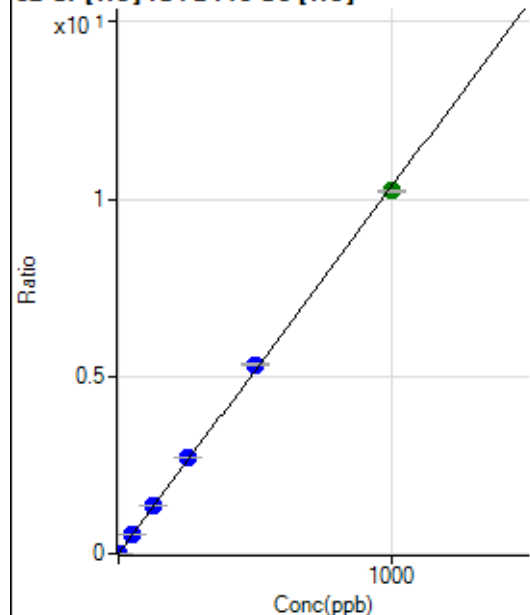
$$R = 0.9999$$

$$DL = 0.01227$$

$$BEC = 0.00412$$

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	297.78	0.0015	P	9.1
2	☐	2.000	2.233	5027.56	0.0246	P	3.7
3	☐	50.000	51.877	109425.36	0.5379	P	0.3
4	☐	125.000	130.522	260337.88	1.3512	P	0.3
5	☐	250.000	261.911	496886.28	2.7099	P	1.0
6	☐	500.000	514.937	954949.14	5.3265	P	0.6
7	☐	1000.000	988.769	1825449.57	10.2264	A	0.6
8	☐			7076.19	0.0386	P	1.1

$$y = 0.0103 * x + 0.0015$$

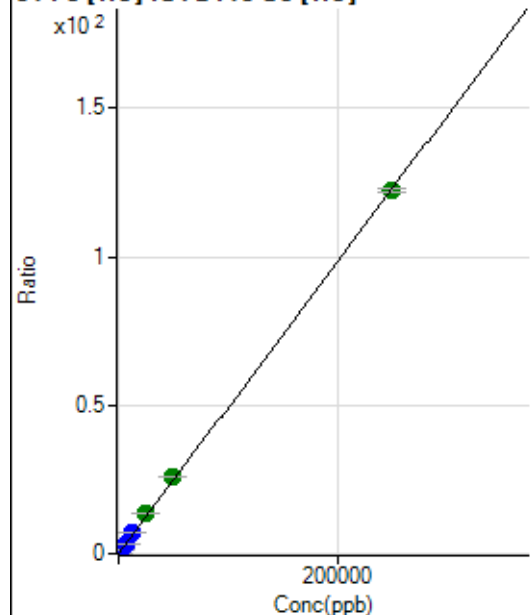
$$R = 0.9997$$

$$DL = 0.03892$$

$$BEC = 0.1431$$

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	1044.49	0.0052	P	5.6
2	☐	50.000	61.450	7227.35	0.0353	P	2.7
3	☐	2500.000	2821.009	282467.92	1.3886	P	0.3
4	☐	6250.000	7140.673	675693.55	3.5070	P	0.5
5	☐	12500.000	14384.558	1294453.73	7.0595	P	1.0
6	☐	25000.000	27451.596	2414521.13	13.4677	A	0.6
7	☐	50000.000	52620.391	4607297.47	25.8107	A	0.6
8	☐	250000.00	249111.05	22412744.94	122.1716	A	1.2

$$y = 4.9041E-004 * x + 0.0052$$

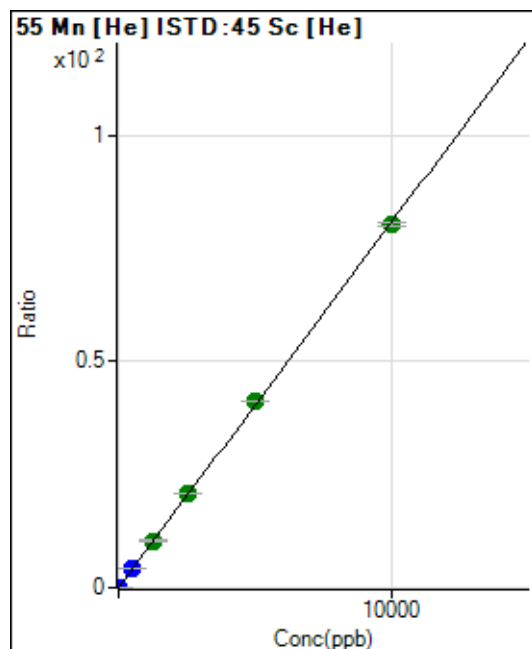
$$R = 0.9999$$

$$DL = 1.765$$

$$BEC = 10.59$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0013	P	10.1
2	☐	1.000	1.152	2167.96	0.0106	P	1.5
3	☐	500.000	515.767	847265.13	4.1652	P	0.2
4	☐	1250.000	1284.356	1998013.60	10.3702	A	0.9
5	☐	2500.000	2569.379	3803869.94	20.7445	A	0.4
6	☐	5000.000	5097.814	7378788.50	41.1572	A	0.6
7	☐	10000.000	9928.666	14308336.46	80.1579	A	1.2
8	☐			8445.79	0.0460	P	1.5

$$y = 0.0081 * x + 0.0013$$

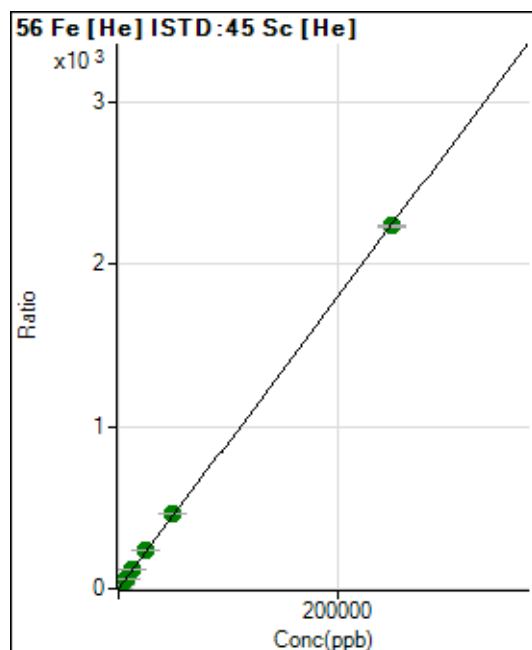
$$R = 0.9999$$

$$DL = 0.04855$$

$$BEC = 0.1608$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6668.19	0.0331	P	0.9
2	☐	50.000	59.260	115401.64	0.5640	P	0.6
3	☐	2500.000	2664.678	4862442.01	23.9043	A	0.7
4	☐	6250.000	6742.692	11644092.47	60.4367	A	0.8
5	☐	12500.000	13527.438	22226786.33	121.2171	A	0.5
6	☐	25000.000	26692.268	42875681.58	239.1526	A	0.8
7	☐	50000.000	51903.738	83004942.65	465.0065	A	0.5
8	☐	250000.00	249384.68	409871909.4	2234.115	A	0.7

$$y = 0.0090 * x + 0.0331$$

$$R = 1.0000$$

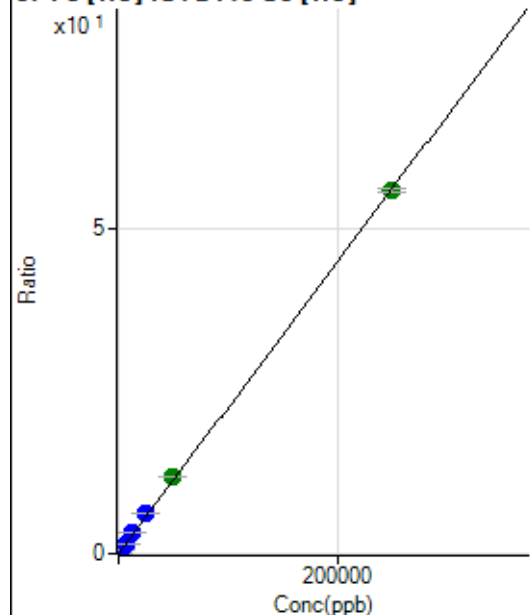
$$DL = 0.0966$$

$$BEC = 3.7$$

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	732.25	0.0036	P	1.8
2	☐	50.000	62.697	3627.14	0.0177	P	2.8
3	☐	2500.000	2811.369	129255.47	0.6354	P	0.5
4	☐	6250.000	7080.065	307249.26	1.5947	P	0.5
5	☐	12500.000	14242.330	587545.60	3.2043	P	0.7
6	☐	25000.000	28012.843	1129290.64	6.2989	P	0.4
7	☐	50000.000	52522.125	2107535.61	11.8068	A	0.4
8	☐	250000.00	249083.30	10269695.82	55.9795	A	1.1

$$y = 2.2473\text{E-}004 * x + 0.0036$$

$$R = 0.9999$$

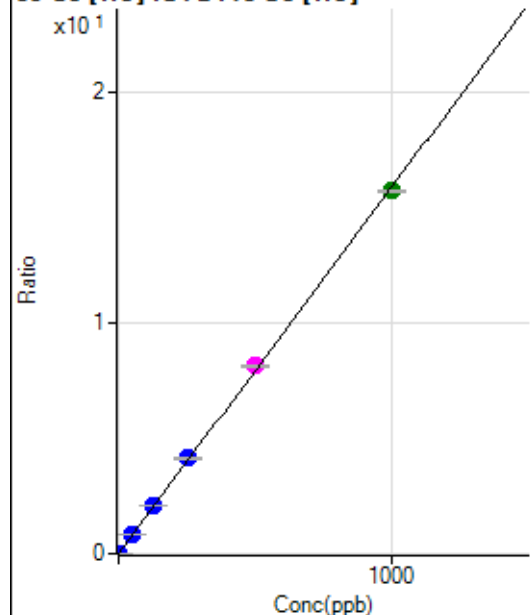
$$DL = 0.8893$$

$$BEC = 16.19$$

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	71.11	0.0004	P	15.1
2	☐	1.000	1.163	3848.31	0.0188	P	2.2
3	☐	50.000	51.774	167119.68	0.8216	P	0.6
4	☐	125.000	130.299	398267.50	2.0671	P	0.3
5	☐	250.000	260.332	757220.99	4.1297	P	0.8
6	☐	500.000	512.146	1456444.87	8.1239	M	1.1
7	☐	1000.000	990.593	2804815.48	15.7129	A	0.4
8	☐			7644.24	0.0417	P	0.6

$$y = 0.0159 * x + 3.5344\text{E-}004$$

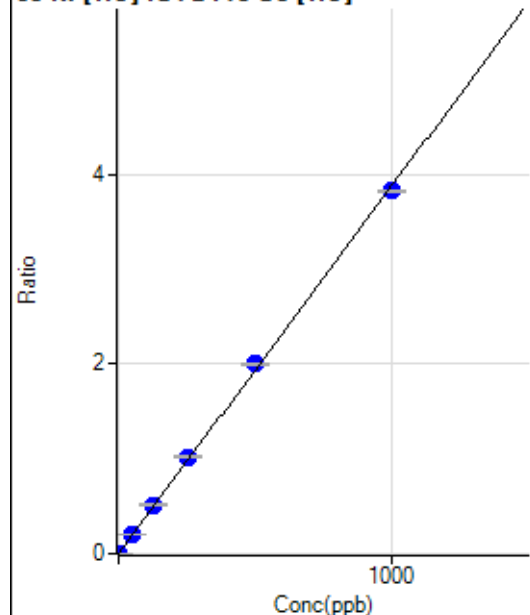
$$R = 0.9998$$

$$DL = 0.01011$$

$$BEC = 0.02228$$

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	46.67	0.0002	P	25.5
2	☐	1.000	1.140	951.15	0.0046	P	2.4
3	☐	50.000	53.345	42084.38	0.2069	P	0.1
4	☐	125.000	133.103	99393.01	0.5159	P	0.8
5	☐	250.000	263.623	187306.92	1.0215	P	0.6
6	☐	500.000	515.979	358413.89	1.9991	P	0.3
7	☐	1000.000	987.424	682861.59	3.8255	P	0.4
8	☐			3182.59	0.0173	P	4.3

$$y = 0.0039 * x + 2.3186E-004$$

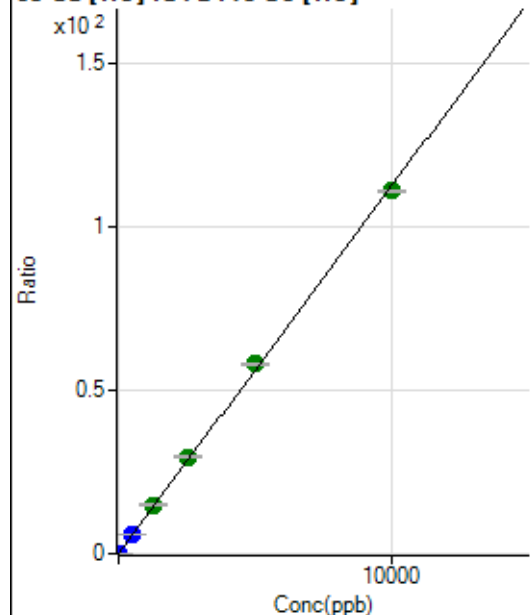
$$R = 0.9997$$

$$DL = 0.04587$$

$$BEC = 0.05985$$

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	448.90	0.0022	P	7.1
2	☐	2.000	2.125	5335.45	0.0261	P	3.7
3	☐	500.000	523.342	1195085.13	5.8752	P	0.5
4	☐	1250.000	1327.089	2869686.31	14.8948	A	1.1
5	☐	2500.000	2637.189	5427047.42	29.5966	A	0.5
6	☐	5000.000	5165.379	10392544.57	57.9678	A	0.8
7	☐	10000.000	9872.210	19775746.10	110.7877	A	0.5
8	☐			4001.68	0.0218	P	2.7

$$y = 0.0112 * x + 0.0022$$

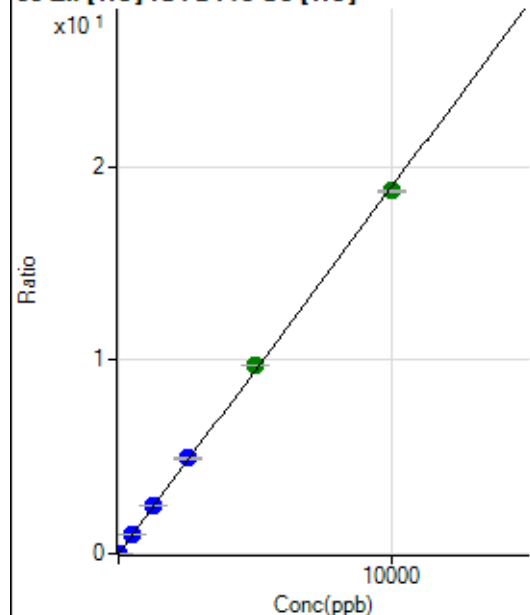
$$R = 0.9997$$

$$DL = 0.04259$$

$$BEC = 0.1989$$

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	140.00	0.0007	P	7.4
2	☐	5.000	5.758	2374.66	0.0116	P	2.0
3	☐	500.000	514.692	198520.93	0.9760	P	0.8
4	☐	1250.000	1291.797	471735.66	2.4484	P	0.6
5	☐	2500.000	2608.460	906399.01	4.9433	P	1.0
6	☐	5000.000	5138.266	1745719.58	9.7369	A	0.5
7	☐	10000.000	9897.793	3347898.39	18.7554	A	0.8
8	☐			1266.73	0.0069	P	5.2

$$y = 0.0019 * x + 6.9591E-004$$

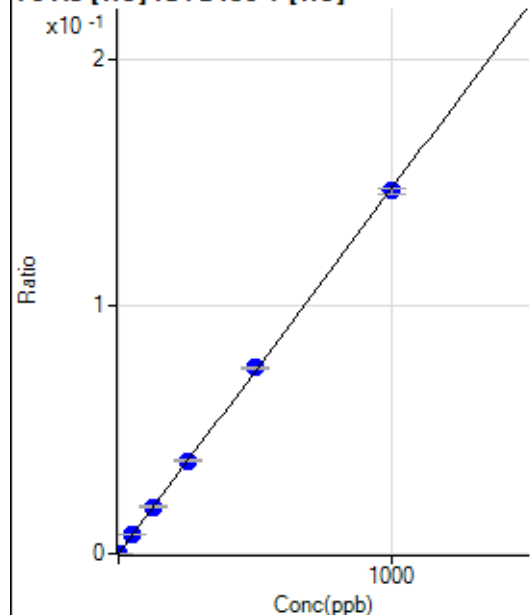
$$R = 0.9998$$

$$DL = 0.08175$$

$$BEC = 0.3673$$

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	5.56	0.0000	P	91.4
2	☐	1.000	1.150	323.34	0.0002	P	10.7
3	☐	50.000	51.340	13895.48	0.0076	P	3.3
4	☐	125.000	128.197	33191.55	0.0189	P	1.7
5	☐	250.000	254.367	63300.70	0.0375	P	1.4
6	☐	500.000	509.210	123586.75	0.0752	P	0.4
7	☐	1000.000	993.836	237918.98	0.1467	P	1.3
8	☐			140.00	0.0001	P	20.5

$$y = 1.4758E-004 * x + 2.9825E-006$$

$$R = 0.9999$$

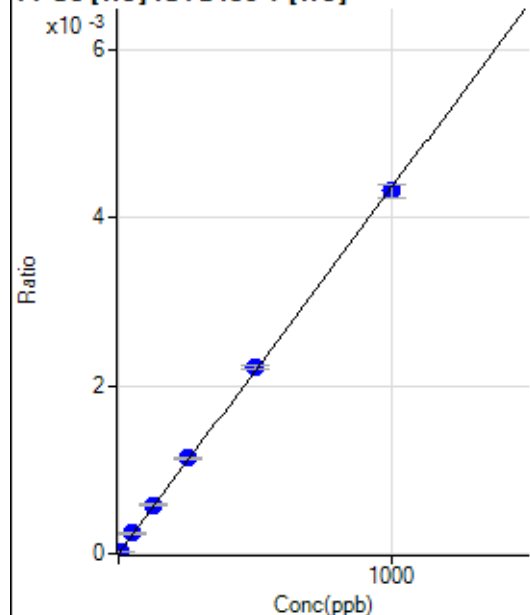
$$DL = 0.0554$$

$$BEC = 0.02021$$

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	0.00	0.0000	P	
2	☐	5.000	5.178	42.22	0.0000	P	39.9
3	☐	50.000	55.757	445.57	0.0002	P	7.5
4	☐	125.000	132.532	1013.38	0.0006	P	5.7
5	☐	250.000	260.398	1913.48	0.0011	P	3.7
6	☐	500.000	509.898	3654.93	0.0022	P	2.8
7	☐	1000.000	991.221	7007.27	0.0043	P	3.8
8	☐			2.22	0.0000	P	86.6

$$y = 4.3587\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

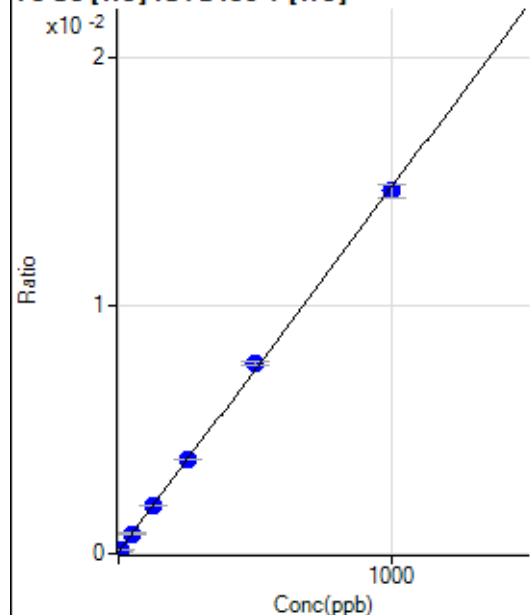
$$DL = 0$$

$$BEC = 0$$

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	143.33	0.0001	P	10.7
2	☐	5.000	5.122	285.56	0.0002	P	10.1
3	☐	50.000	49.903	1487.87	0.0008	P	3.8
4	☐	125.000	126.899	3411.54	0.0019	P	1.7
5	☐	250.000	253.058	6411.44	0.0038	P	0.5
6	☐	500.000	517.814	12659.94	0.0077	P	1.6
7	☐	1000.000	990.095	23762.45	0.0147	P	3.4
8	☐			112.22	0.0001	P	18.3

$$y = 1.4719\text{E-}005 * x + 7.7124\text{E-}005$$

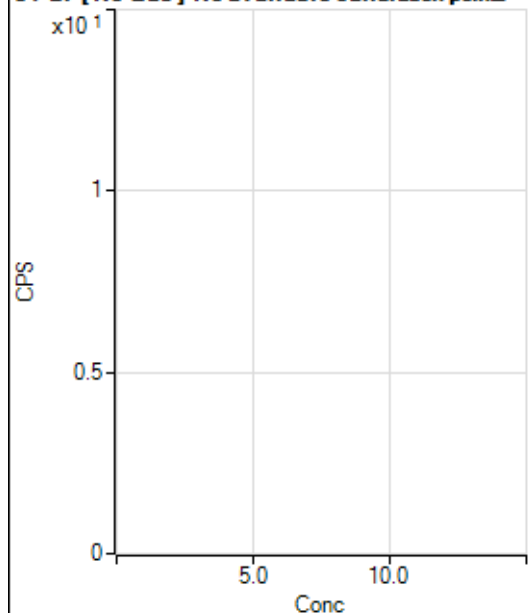
$$R = 0.9998$$

$$DL = 1.688$$

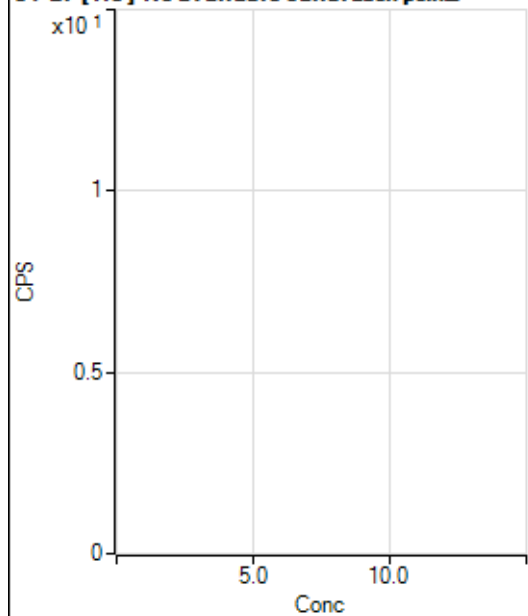
$$BEC = 5.24$$

Weight: <None>

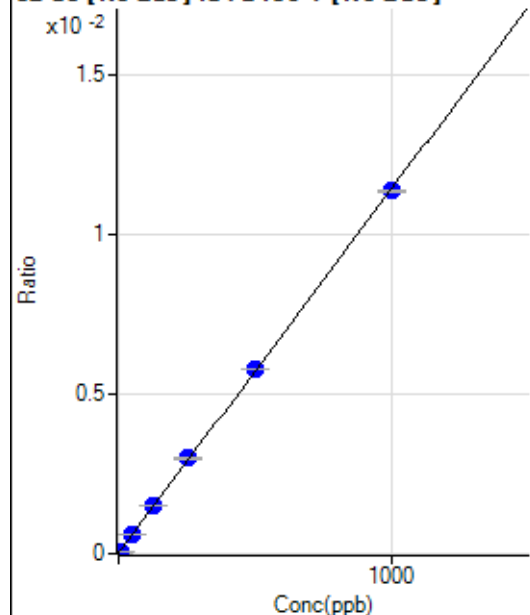
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7660.95		P	1.4
2	☐			7445.30		P	2.1
3	☐			7595.36		P	3.8
4	☐			7316.34		P	1.3
5	☐			7018.39		P	1.6
6	☐			6221.37		P	3.0
7	☐			6238.04		P	3.7
8	☐			6720.47		P	5.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	22.9
2	☐			56.67		P	23.5
3	☐			47.78		P	10.7
4	☐			28.89		P	6.7
5	☐			31.11		P	50.6
6	☐			32.22		P	39.2
7	☐			37.78		P	31.0
8	☐			51.11		P	32.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	162.68	0.0000	P	22.9
2	☐	5.000	5.848	660.52	0.0001	P	0.3
3	☐	50.000	51.723	4760.73	0.0006	P	2.6
4	☐	125.000	130.413	11324.87	0.0015	P	0.5
5	☐	250.000	259.618	21823.77	0.0030	P	2.4
6	☐	500.000	504.300	41250.90	0.0058	P	0.1
7	☐	1000.000	994.678	80490.24	0.0114	P	0.8
8	☐			184.69	0.0000	P	20.2

$$y = 1.1424\text{E-}005 * x + 2.1172\text{E-}005$$

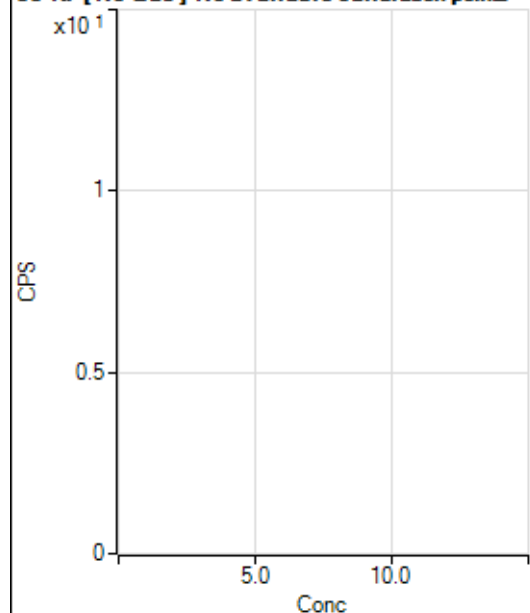
R = 0.9999

DL = 1.273

BEC = 1.853

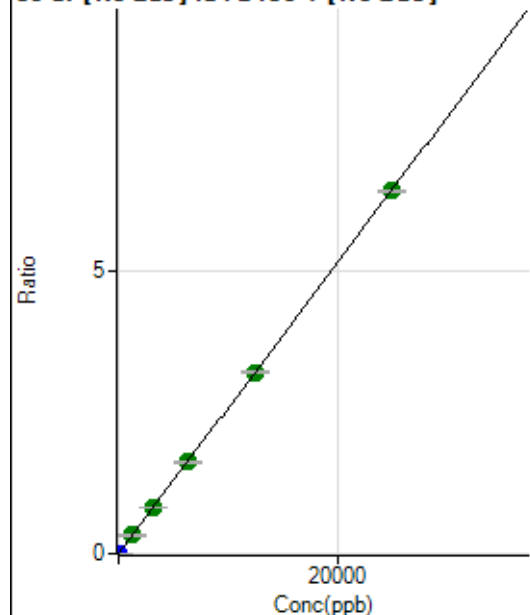
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	1.9
2	☐			111.11		P	12.1
3	☐			113.33		P	11.8
4	☐			110.00		P	13.2
5	☐			120.00		P	13.9
6	☐			101.11		P	8.3
7	☐			111.11		P	15.1
8	☐			140.00		P	20.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	177.78	0.0000	P	17.4
2	☐	1.000	1.077	2241.31	0.0003	P	6.8
3	☐	1250.000	1265.884	2522987.91	0.3244	A	1.5
4	☐	3125.000	3166.281	6080685.81	0.8113	A	0.4
5	☐	6250.000	6327.930	11846230.79	1.6214	A	2.1
6	☐	12500.000	12497.524	22844765.22	3.2022	A	1.0
7	☐	25000.000	24975.801	45245470.44	6.3994	A	0.6
8	☐			7267.41	0.0011	P	5.8

$$y = 2.5622\text{E-}004 * x + 2.3170\text{E-}005$$

$$R = 1.0000$$

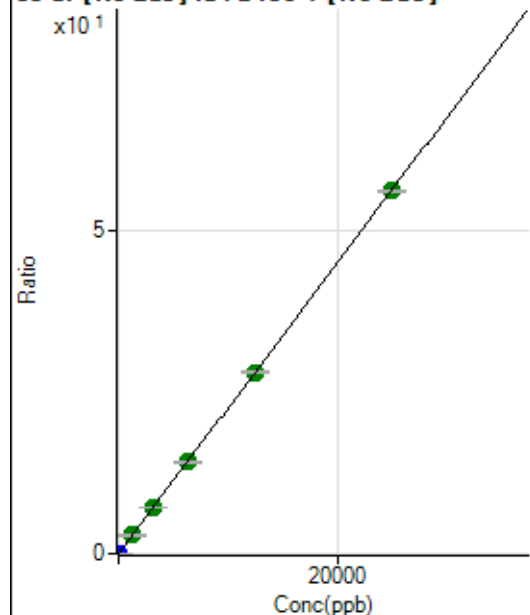
$$DL = 0.04716$$

$$BEC = 0.09043$$

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	134.45	0.0000	P	4.3
2	☐	1.000	1.059	17944.38	0.0024	P	6.7
3	☐	1250.000	1260.333	22011595.51	2.8299	A	1.5
4	☐	3125.000	3167.618	53308902.54	7.1125	A	0.7
5	☐	6250.000	6309.209	103511139.5	14.1666	A	0.8
6	☐	12500.000	12498.551	200213477.0	28.0640	A	1.2
7	☐	25000.000	24980.078	396572798.5	56.0898	A	0.7
8	☐			62442.87	0.0091	P	3.7

$$y = 0.0022 * x + 1.7516\text{E-}005$$

$$R = 1.0000$$

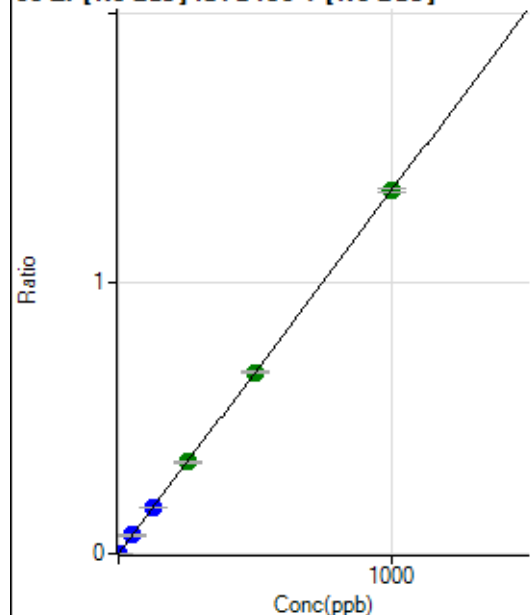
$$DL = 0.001012$$

$$BEC = 0.007801$$

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	628.91	0.0001	P	6.6
2	☐	1.000	1.079	11474.57	0.0015	P	5.6
3	☐	50.000	50.305	525925.72	0.0676	P	1.0
4	☐	125.000	127.066	1279181.23	0.1707	P	0.7
5	☐	250.000	252.013	2472678.64	0.3384	A	1.2
6	☐	500.000	500.188	4791161.42	0.6716	A	0.3
7	☐	1000.000	999.129	9484263.05	1.3414	A	1.1
8	☐			6485.94	0.0009	P	7.7

$$y = 0.0013 * x + 8.1915E-005$$

$$R = 1.0000$$

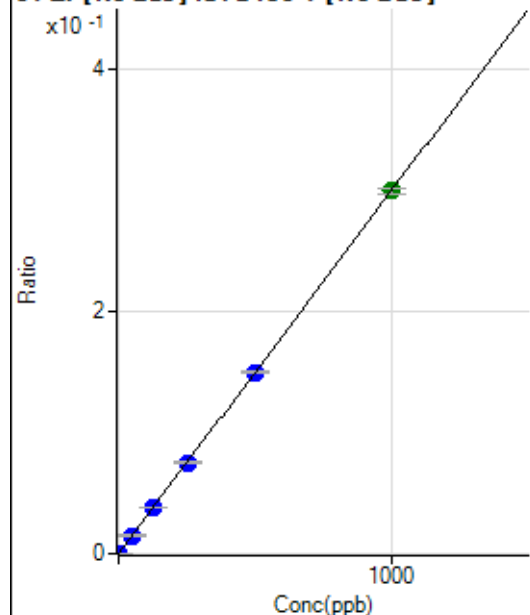
$$DL = 0.01207$$

$$BEC = 0.06102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	3.7
2	☐	1.000	1.044	2474.68	0.0003	P	3.7
3	☐	50.000	50.235	117124.67	0.0151	P	1.3
4	☐	125.000	126.777	284636.75	0.0380	P	0.6
5	☐	250.000	251.227	549721.41	0.0752	P	1.7
6	☐	500.000	500.008	1068158.06	0.1497	P	0.9
7	☐	1000.000	999.455	2115918.55	0.2993	A	1.4
8	☐			1448.98	0.0002	P	5.5

$$y = 2.9941E-004 * x + 1.7366E-005$$

$$R = 1.0000$$

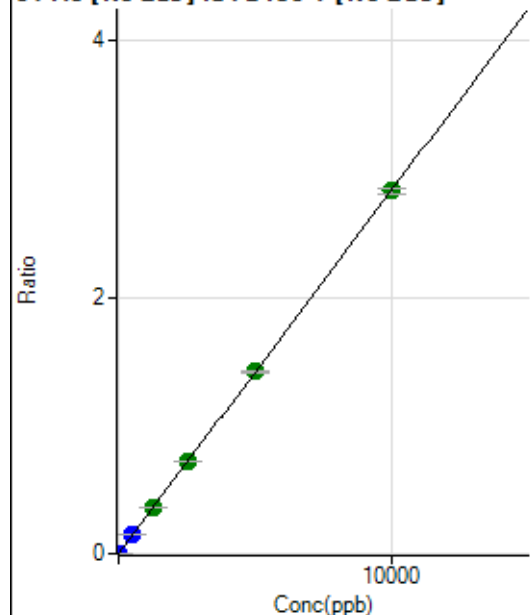
$$DL = 0.006508$$

$$BEC = 0.058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	19.4
2	☐	5.000	5.956	12897.99	0.0017	P	4.8
3	☐	500.000	505.330	1114589.10	0.1433	P	1.0
4	☐	1250.000	1278.468	2716879.47	0.3625	A	1.5
5	☐	2500.000	2535.691	5253068.60	0.7189	A	0.6
6	☐	5000.000	5004.833	10122708.18	1.4190	A	0.7
7	☐	10000.000	9984.836	20015024.70	2.8308	A	1.4
8	☐			6434.80	0.0009	P	1.8

$$y = 2.8351E-004 * x + 3.1844E-005$$

$$R = 1.0000$$

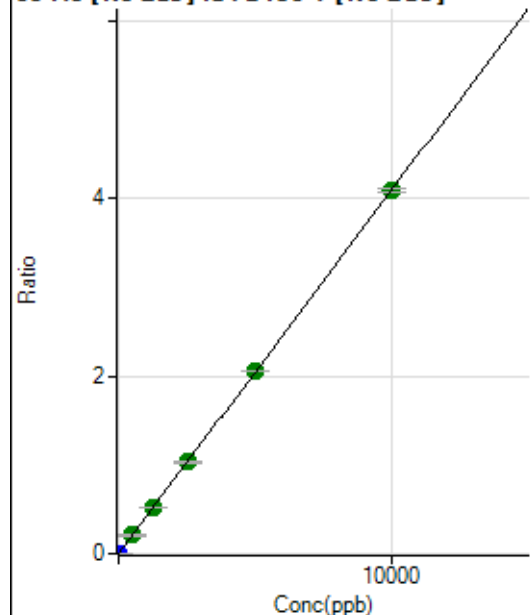
$$DL = 0.06543$$

$$BEC = 0.1123$$

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	31.11	0.0000	P	45.2
2	☐	5.000	5.047	15522.76	0.0021	P	5.7
3	☐	500.000	504.794	1608008.97	0.2067	A	0.9
4	☐	1250.000	1282.154	3935604.97	0.5251	A	1.2
5	☐	2500.000	2523.808	7552042.04	1.0336	A	1.2
6	☐	5000.000	5016.065	14655172.70	2.0543	A	0.6
7	☐	10000.000	9981.756	28902752.63	4.0879	A	1.1
8	☐			6813.87	0.0010	P	0.9

$$y = 4.0954E-004 * x + 4.0595E-006$$

$$R = 1.0000$$

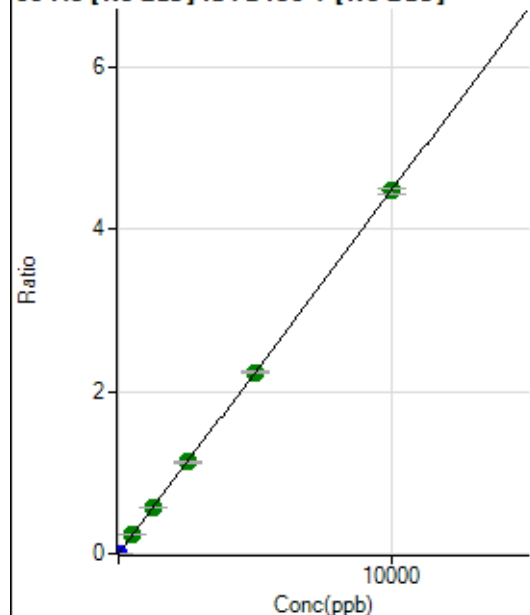
$$DL = 0.01345$$

$$BEC = 0.009912$$

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	84.45	0.0000	P	8.6
2	☐	5.000	5.144	17323.69	0.0023	P	6.0
3	☐	500.000	510.243	1774910.69	0.2282	A	1.3
4	☐	1250.000	1270.887	4259805.63	0.5683	A	1.1
5	☐	2500.000	2517.483	8226066.20	1.1258	A	0.9
6	☐	5000.000	5002.978	15961331.85	2.2373	A	0.6
7	☐	10000.000	9991.017	31590150.92	4.4680	A	1.4
8	☐			12090.65	0.0018	P	4.1

$$y = 4.4720\text{E-}004 * x + 1.1003\text{E-}005$$

$$R = 1.0000$$

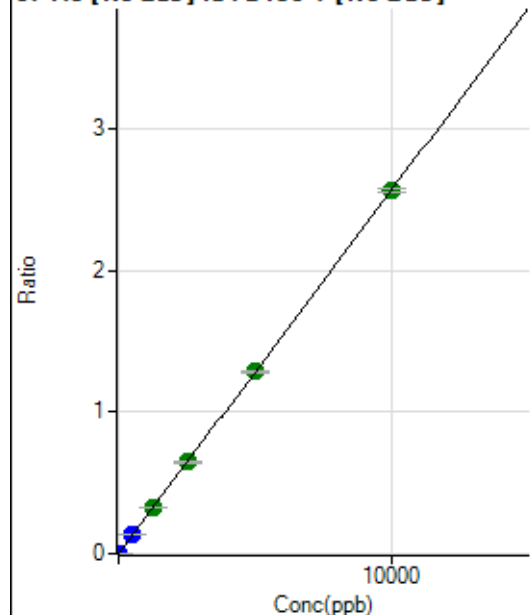
$$DL = 0.006344$$

$$BEC = 0.0246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0000	P	28.4
2	☐	5.000	5.098	9828.94	0.0013	P	5.1
3	☐	500.000	506.145	1010540.00	0.1299	P	0.7
4	☐	1250.000	1278.356	2459316.28	0.3281	A	1.2
5	☐	2500.000	2528.646	4742466.18	0.6491	A	1.3
6	☐	5000.000	5015.855	9184811.53	1.2875	A	0.8
7	☐	10000.000	9981.060	18113913.20	2.5620	A	1.0
8	☐			4257.32	0.0006	P	1.6

$$y = 2.5668\text{E-}004 * x + 2.6018\text{E-}006$$

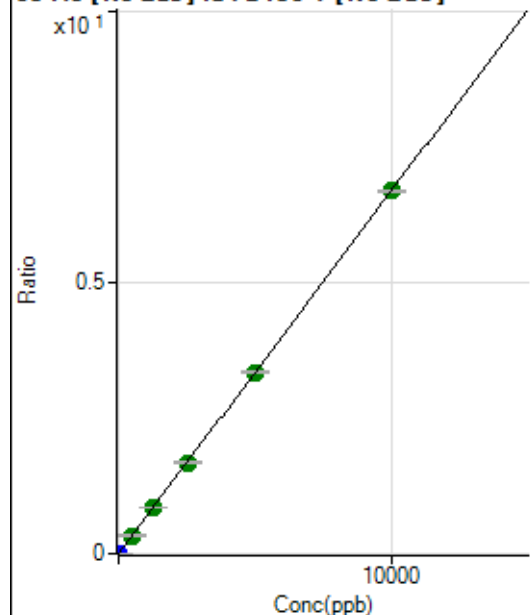
$$R = 1.0000$$

$$DL = 0.008635$$

$$BEC = 0.01014$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	23.7
2	☐	5.000	5.106	25707.09	0.0034	P	5.3
3	☐	500.000	502.929	2622839.01	0.3372	A	1.0
4	☐	1250.000	1271.103	6387610.81	0.8522	A	0.3
5	☐	2500.000	2512.501	12308293.43	1.6846	A	1.4
6	☐	5000.000	5001.150	23921088.53	3.3531	A	0.6
7	☐	10000.000	9993.515	47373728.18	6.7004	A	0.8
8	☐			10374.87	0.0015	P	3.8

$$y = 6.7047\text{E-}004 * x + 6.3668\text{E-}006$$

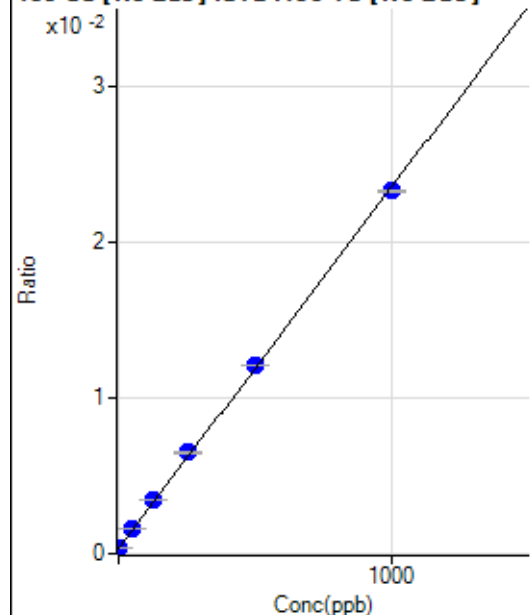
$$R = 1.0000$$

$$DL = 0.00675$$

$$BEC = 0.009496$$

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	2072.39	0.0003	P	2.9
2	☐	1.000	1.229	2234.64	0.0003	P	1.6
3	☐	50.000	55.595	10775.18	0.0016	P	0.3
4	☐	125.000	137.281	23195.26	0.0035	P	0.7
5	☐	250.000	266.262	42360.46	0.0065	P	0.6
6	☐	500.000	508.581	78517.07	0.0121	P	0.5
7	☐	1000.000	989.829	150773.88	0.0233	P	0.7
8	☐			1892.37	0.0003	P	7.2

$$y = 2.3241\text{E-}005 * x + 3.1628\text{E-}004$$

$$R = 0.9998$$

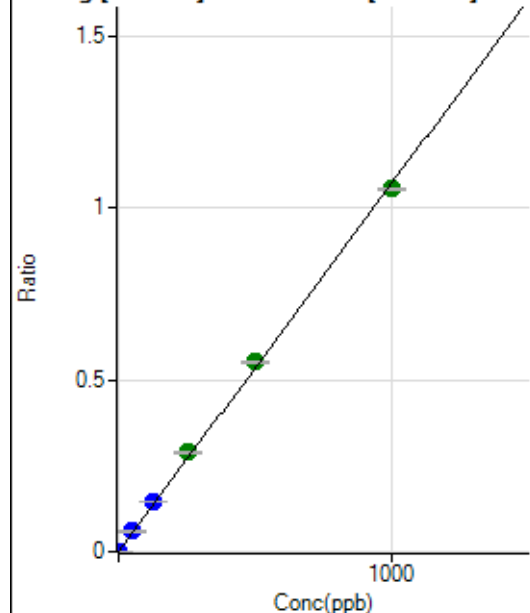
$$DL = 1.182$$

$$BEC = 13.61$$

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	66.67	0.0000	P	38.4
2	☐	1.000	1.095	7642.08	0.0012	P	6.9
3	☐	50.000	54.875	393581.75	0.0587	P	1.5
4	☐	125.000	134.100	949509.17	0.1435	P	0.5
5	☐	250.000	269.536	1878890.27	0.2885	A	1.2
6	☐	500.000	515.446	3569383.03	0.5517	A	1.2
7	☐	1000.000	986.011	6823434.55	1.0554	A	0.7
8	☐			903.37	0.0001	P	6.6

$$y = 0.0011 * x + 1.0148E-005$$

$$R = 0.9996$$

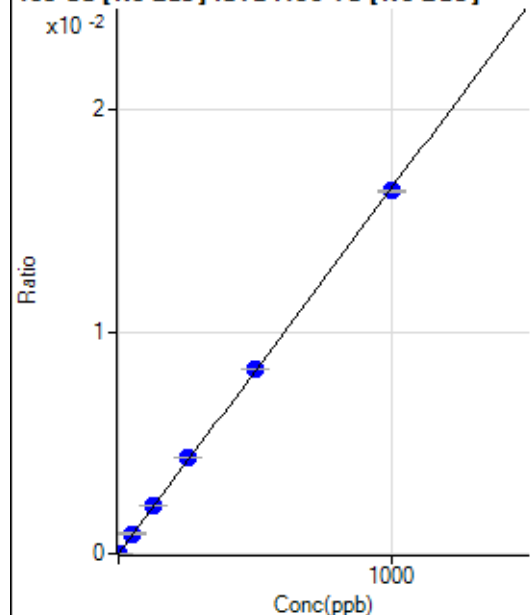
$$DL = 0.01092$$

$$BEC = 0.009481$$

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	5.55	0.0000	P	70.4
2	☐	1.000	0.938	105.56	0.0000	P	7.8
3	☐	50.000	54.908	6059.10	0.0009	P	3.5
4	☐	125.000	133.293	14512.90	0.0022	P	1.2
5	☐	250.000	263.176	28208.53	0.0043	P	0.5
6	☐	500.000	505.158	53782.56	0.0083	P	0.4
7	☐	1000.000	992.845	105625.06	0.0163	P	0.7
8	☐			48.89	0.0000	P	17.8

$$y = 1.6455E-005 * x + 8.5141E-007$$

$$R = 0.9999$$

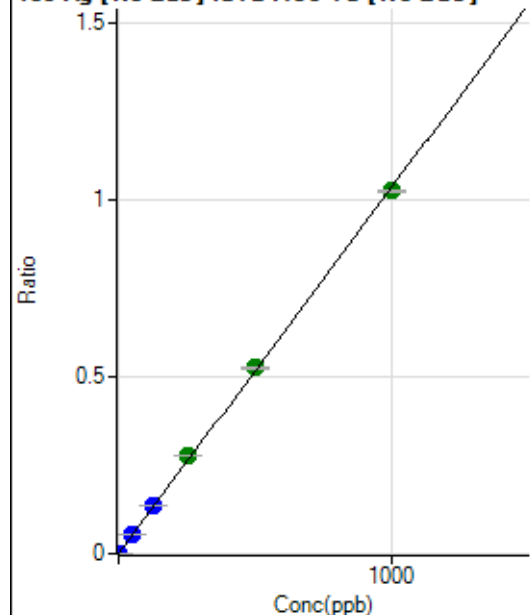
$$DL = 0.1093$$

$$BEC = 0.05174$$

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	37.78	0.0000	P	71.0
2	☐	1.000	1.100	7394.16	0.0011	P	5.0
3	☐	50.000	54.105	374711.35	0.0559	P	1.2
4	☐	125.000	132.379	905125.23	0.1368	P	0.5
5	☐	250.000	267.345	1799655.89	0.2763	A	0.5
6	☐	500.000	507.058	3390735.05	0.5241	A	1.1
7	☐	1000.000	991.007	6622622.05	1.0243	A	0.4
8	☐			796.70	0.0001	P	11.3

$$y = 0.0010 * x + 5.7448E-006$$

$$R = 0.9998$$

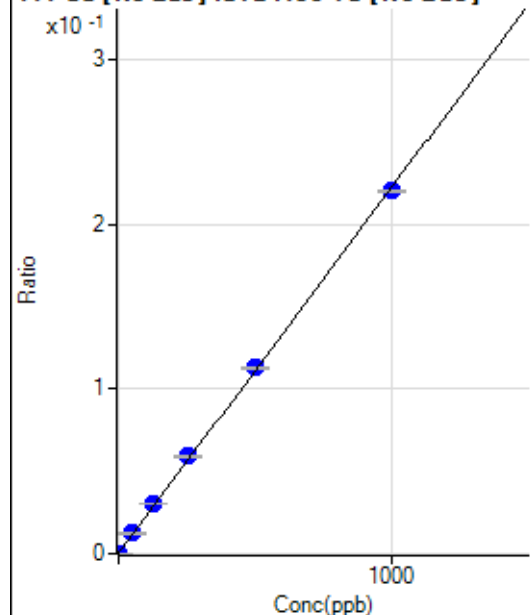
$$DL = 0.01183$$

$$BEC = 0.005558$$

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	1450.12	0.0002	P	3.0
2	☐	1.000	1.194	3150.47	0.0005	P	2.4
3	☐	50.000	54.368	82390.14	0.0123	P	2.2
4	☐	125.000	134.457	199021.05	0.0301	P	0.7
5	☐	250.000	265.069	384891.80	0.0591	P	0.4
6	☐	500.000	507.158	730260.24	0.1129	P	0.8
7	☐	1000.000	991.253	1424982.24	0.2204	P	0.6
8	☐			1567.10	0.0003	P	4.8

$$y = 2.2213E-004 * x + 2.2131E-004$$

$$R = 0.9998$$

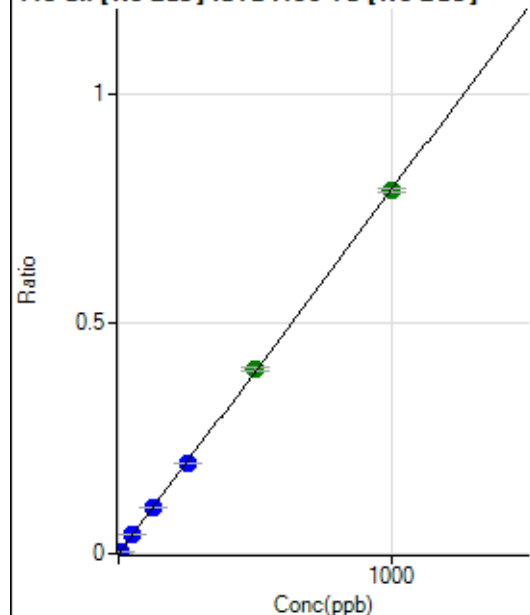
$$DL = 0.08958$$

$$BEC = 0.9963$$

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	1018.93	0.0002	P	8.6
2	☐	5.000	5.358	28391.38	0.0044	P	7.0
3	☐	50.000	51.007	271197.90	0.0405	P	0.9
4	☐	125.000	126.264	661300.62	0.1000	P	0.9
5	☐	250.000	248.875	1282357.12	0.1969	P	0.5
6	☐	500.000	507.460	2596291.99	0.4013	A	1.7
7	☐	1000.000	996.341	5093608.64	0.7878	A	1.1
8	☐			5441.08	0.0009	P	3.8

$$y = 7.9057\text{E-}004 * x + 1.5554\text{E-}004$$

$$R = 1.0000$$

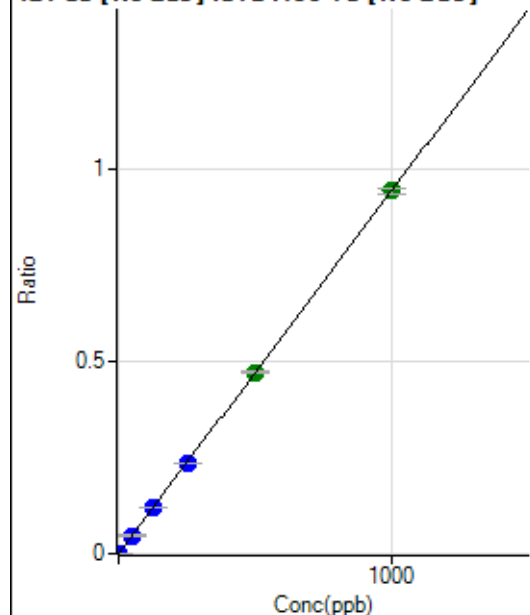
$$DL = 0.05096$$

$$BEC = 0.1967$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	55.0
2	☐	2.000	2.164	13259.52	0.0021	P	6.9
3	☐	50.000	50.349	318013.94	0.0475	P	1.5
4	☐	125.000	125.058	779771.38	0.1179	P	0.5
5	☐	250.000	247.782	1521073.74	0.2336	P	0.7
6	☐	500.000	500.379	3051301.45	0.4717	A	1.7
7	☐	1000.000	1000.340	6096136.09	0.9429	A	1.5
8	☐			5249.89	0.0008	P	2.2

$$y = 9.4257\text{E-}004 * x + 1.0989\text{E-}005$$

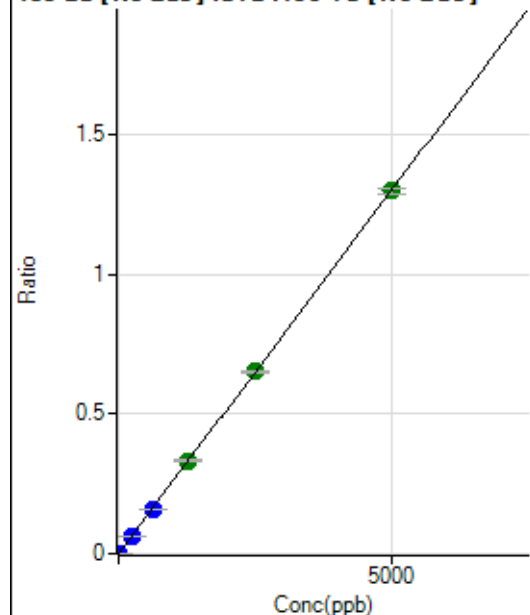
$$R = 1.0000$$

$$DL = 0.01922$$

$$BEC = 0.01166$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0000	P	16.4
2	☐	10.000	10.319	17414.06	0.0027	P	4.4
3	☐	250.000	244.210	425296.77	0.0635	P	1.1
4	☐	625.000	606.146	1042143.66	0.1576	P	0.6
5	☐	1250.000	1282.793	2171399.06	0.3334	A	2.0
6	☐	2500.000	2502.270	4207735.56	0.6504	A	1.2
7	☐	5000.000	4993.312	8390812.45	1.2978	A	1.3
8	☐			3078.14	0.0005	P	4.3

$$y = 2.5991\text{E-}004 * x + 9.4853\text{E-}006$$

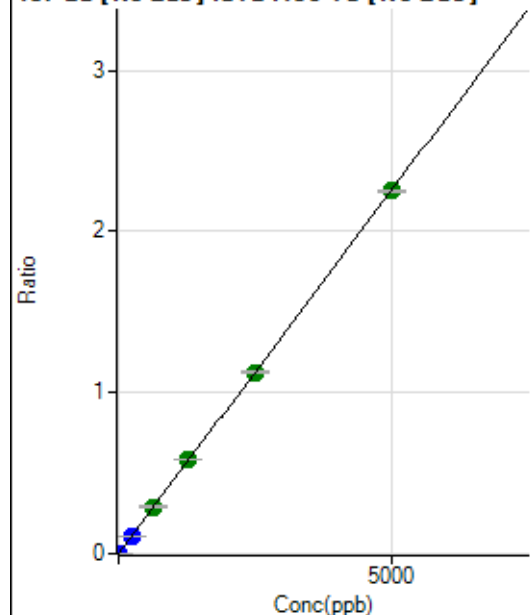
$$R = 1.0000$$

$$DL = 0.01791$$

$$BEC = 0.03649$$

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	118.89	0.0000	P	5.1
2	☐	10.000	10.212	29923.69	0.0046	P	4.4
3	☐	250.000	244.189	738095.59	0.1102	P	1.2
4	☐	625.000	647.061	1930805.04	0.2919	A	0.5
5	☐	1250.000	1287.786	3783303.48	0.5809	A	0.6
6	☐	2500.000	2491.825	7272316.63	1.1241	A	1.4
7	☐	5000.000	4992.173	14559533.11	2.2520	A	0.8
8	☐			5036.50	0.0008	P	2.4

$$y = 4.5110\text{E-}004 * x + 1.8148\text{E-}005$$

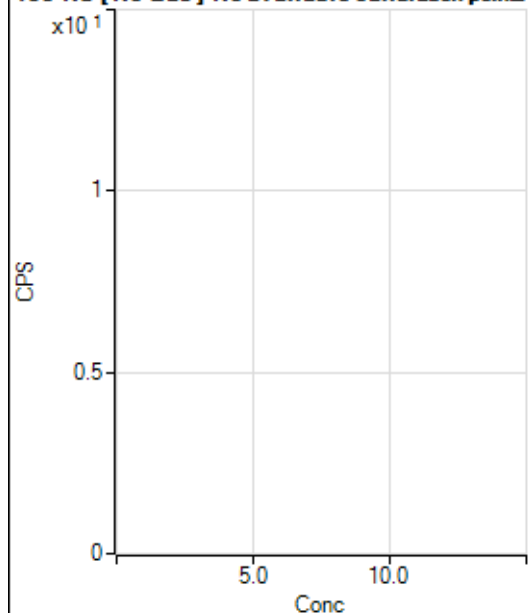
$$R = 1.0000$$

$$DL = 0.006188$$

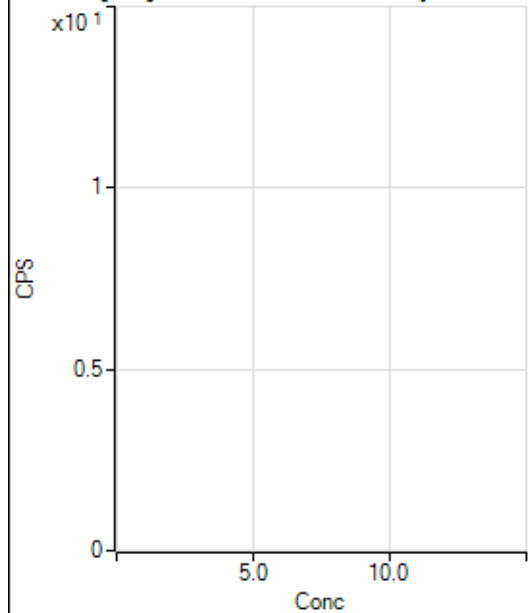
$$BEC = 0.04023$$

Weight: <None>

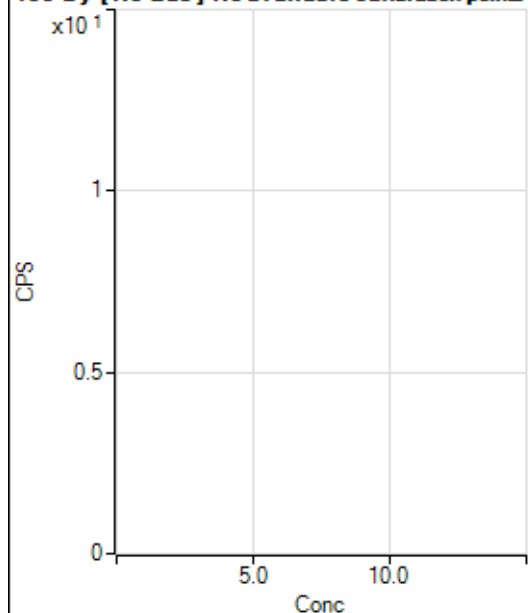
Min Conc: 0

150 Nd [No Gas] No available calibration points

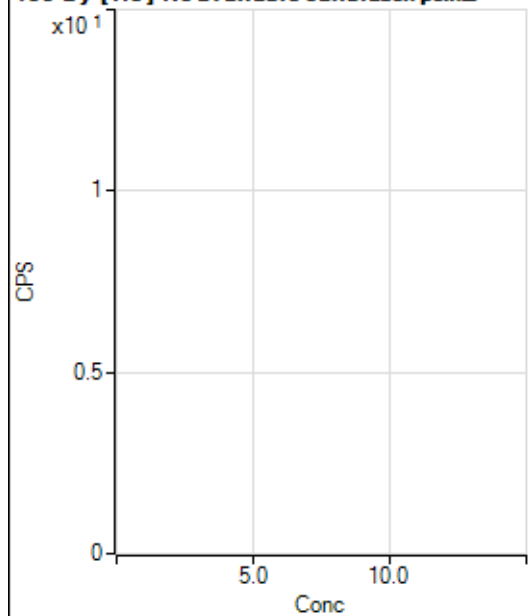
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	78.1
3	☐			30.00		P	55.6
4	☐			76.67		P	11.5
5	☐			135.56		P	17.3
6	☐			281.11		P	12.8
7	☐			546.68		P	6.2
8	☐			131.12		P	2.9

150 Nd [He] No available calibration points

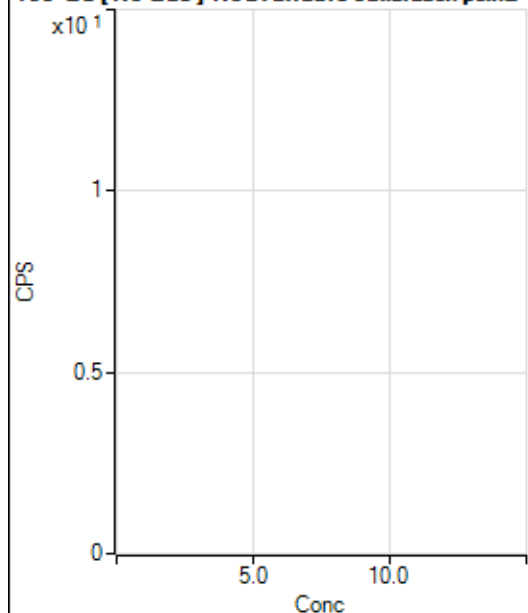
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			2.22		P	86.6
3	☐			8.89		P	43.3
4	☐			15.55		P	24.8
5	☐			36.67		P	NaN
6	☐			54.45		P	44.3
7	☐			113.34		P	2.9
8	☐			65.56		P	14.7

156 Dy [No Gas] No available calibration points

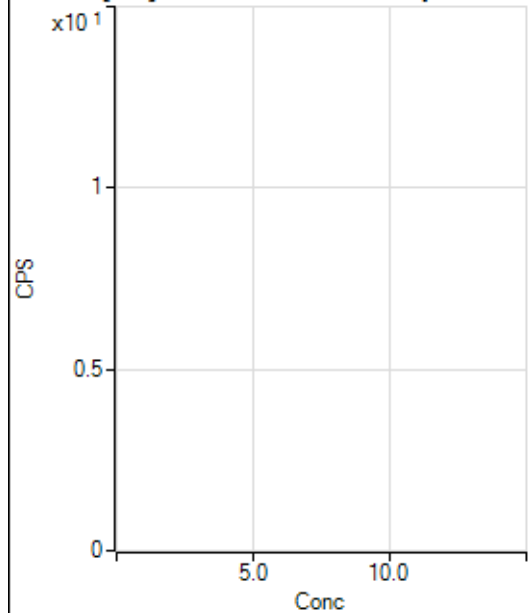
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			327.79		P	7.1
2	☐			291.12		P	10.4
3	☐			253.34		P	9.2
4	☐			251.11		P	2.0
5	☐			302.23		P	20.3
6	☐			305.56		P	10.4
7	☐			373.34		P	9.3
8	☐			497.79		P	9.8

156 Dy [He] No available calibration points

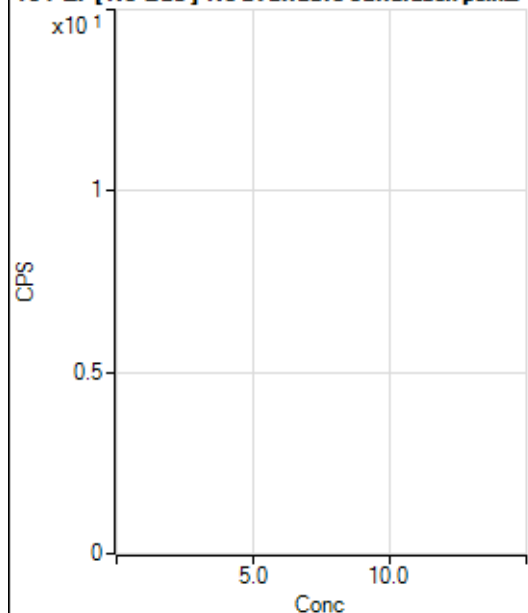
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	35.9
2	☐			61.11		P	39.5
3	☐			73.33		P	18.2
4	☐			105.56		P	3.6
5	☐			137.78		P	9.8
6	☐			230.00		P	25.8
7	☐			356.67		P	11.4
8	☐			208.89		P	26.8

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

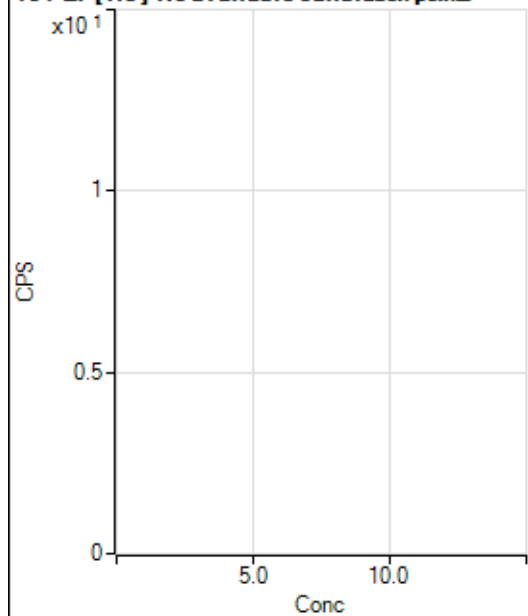
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	57.3
2	☐			16.67		P	20.0
3	☐			30.00		P	0.0
4	☐			31.11		P	22.3
5	☐			45.55		P	15.2
6	☐			65.56		P	33.1
7	☐			96.67		P	9.1
8	☐			253.34		P	3.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			191.12		P	8.8
2	☐			183.34		P	22.1
3	☐			177.78		P	9.4
4	☐			206.67		P	2.8
5	☐			246.67		P	14.1
6	☐			193.34		P	14.1
7	☐			194.45		P	2.6
8	☐			293.34		P	11.5

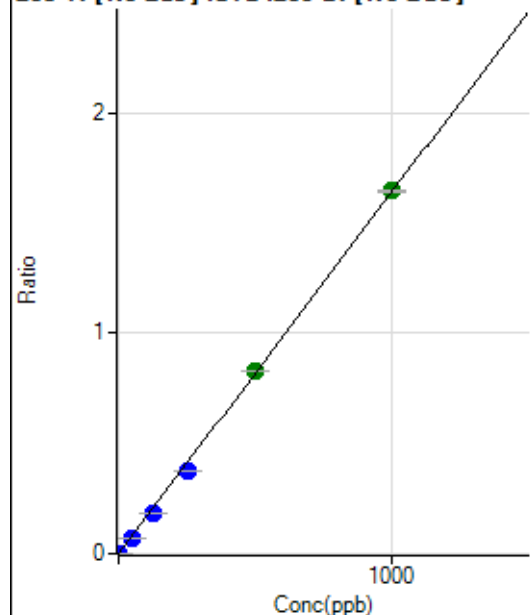
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	6.7
2	☐			26.67		P	37.5
3	☐			27.78		P	48.5
4	☐			34.45		P	20.1
5	☐			38.89		P	4.9
6	☐			71.11		P	2.7
7	☐			90.00		P	3.7
8	☐			223.34		P	9.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	14.3
2	☐			14.44		P	53.3
3	☐			27.78		P	25.0
4	☐			14.44		P	35.3
5	☐			32.22		P	29.8
6	☐			37.78		P	18.4
7	☐			85.55		P	22.8
8	☐			140.00		P	17.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0000	P	32.6
2	☐	1.000	0.924	6179.23	0.0015	P	5.4
3	☐	50.000	44.510	304859.75	0.0730	P	1.2
4	☐	125.000	112.631	759936.98	0.1846	P	1.2
5	☐	250.000	227.999	1507814.87	0.3737	P	0.8
6	☐	500.000	505.951	3312196.55	0.8292	A	0.7
7	☐	1000.000	1004.345	6525476.92	1.6459	A	0.2
8	☐			671.13	0.0002	P	14.3

$$y = 0.0016 * x + 2.6940E-005$$

$$R = 0.9997$$

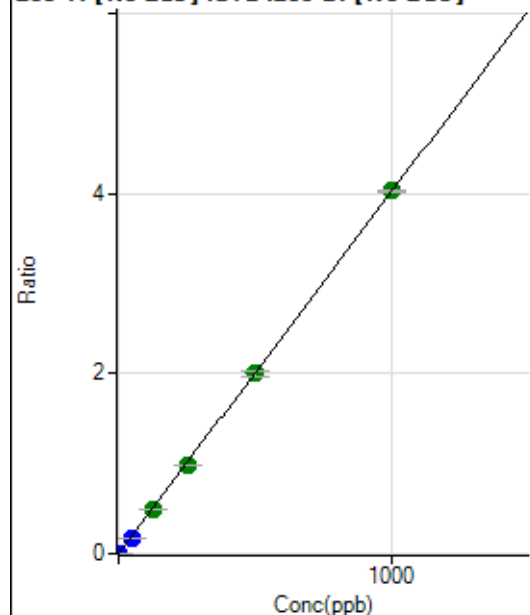
$$DL = 0.01606$$

$$BEC = 0.01644$$

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	281.12	0.0001	P	19.8
2	☐	1.000	0.917	15058.43	0.0038	P	6.6
3	☐	50.000	43.725	735287.37	0.1760	P	1.2
4	☐	125.000	122.294	2025819.08	0.4921	A	1.4
5	☐	250.000	246.908	4008887.06	0.9935	A	0.1
6	☐	500.000	497.668	7998677.03	2.0024	A	2.5
7	☐	1000.000	1002.591	15992227.12	4.0339	A	0.6
8	☐			1772.36	0.0005	P	11.1

$$y = 0.0040 * x + 6.8080E-005$$

$$R = 1.0000$$

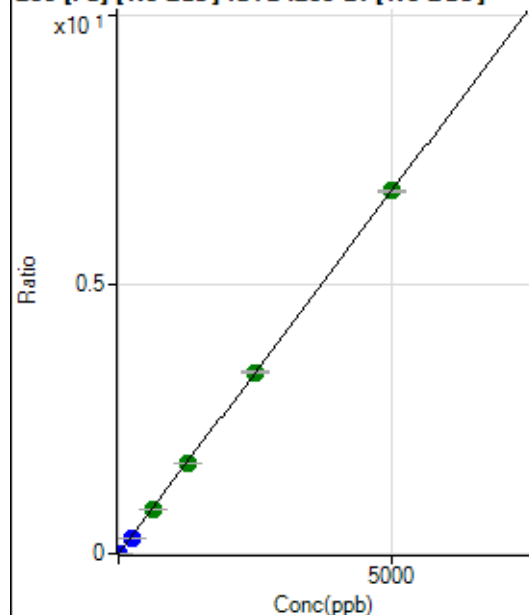
$$DL = 0.01003$$

$$BEC = 0.01692$$

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	396.68	0.0001	P	6.8
2	☐	1.000	0.920	5348.88	0.0013	P	4.8
3	☐	250.000	219.913	1235839.16	0.2958	P	1.6
4	☐	625.000	619.205	3427877.87	0.8327	A	0.5
5	☐	1250.000	1242.056	6739780.18	1.6702	A	0.7
6	☐	2500.000	2502.803	13443672.72	3.3654	A	1.6
7	☐	5000.000	5002.814	26670211.55	6.7270	A	0.2
8	☐			5052.10	0.0014	P	9.1

$$y = 0.0013 * x + 9.6280E-005$$

$$R = 1.0000$$

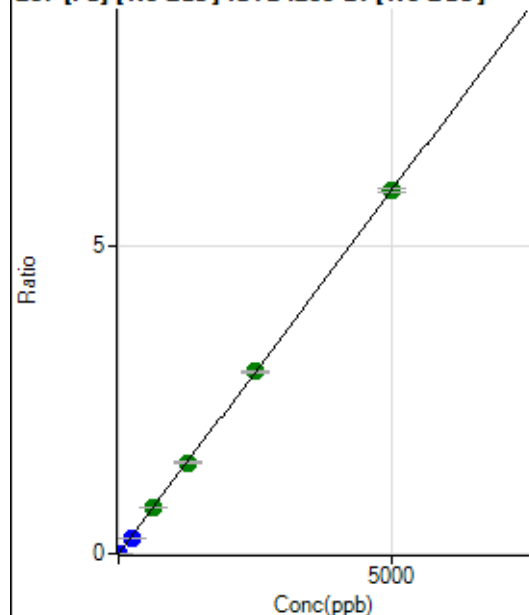
$$DL = 0.0147$$

$$BEC = 0.0716$$

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	383.34	0.0001	P	8.2
2	☐	1.000	0.922	4738.66	0.0012	P	5.9
3	☐	250.000	220.594	1087932.15	0.2604	P	1.7
4	☐	625.000	625.830	3040447.56	0.7386	A	0.2
5	☐	1250.000	1257.489	5988086.23	1.4839	A	1.2
6	☐	2500.000	2503.814	11802839.55	2.9546	A	1.7
7	☐	5000.000	4997.587	23379407.43	5.8973	A	1.0
8	☐			4346.29	0.0012	P	8.4

$$y = 0.0012 * x + 9.3059E-005$$

$$R = 1.0000$$

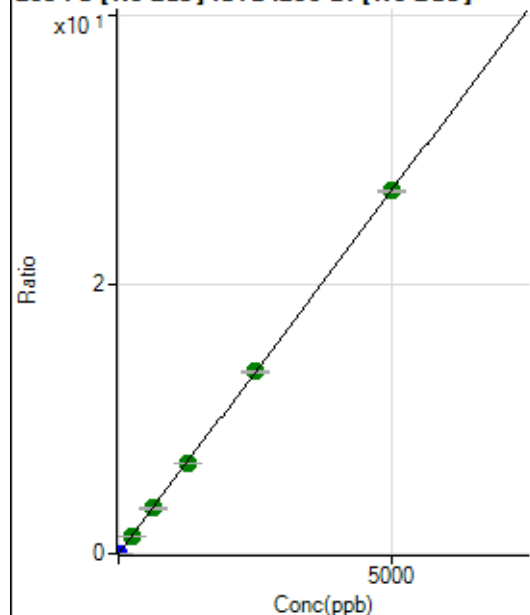
$$DL = 0.01937$$

$$BEC = 0.07886$$

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	1671.17	0.0004	P	7.2
2	☐	1.000	0.925	21614.74	0.0054	P	4.7
3	☐	250.000	234.066	5268507.52	1.2610	A	1.6
4	☐	625.000	623.166	13818001.63	3.3566	A	0.6
5	☐	1250.000	1249.931	27166092.30	6.7322	A	0.9
6	☐	2500.000	2506.503	53926538.22	13.4997	A	1.4
7	☐	5000.000	4997.791	106717849.2	26.9171	A	0.6
8	☐			20295.09	0.0058	P	7.1

$$y = 0.0054 * x + 4.0567E-004$$

$$R = 1.0000$$

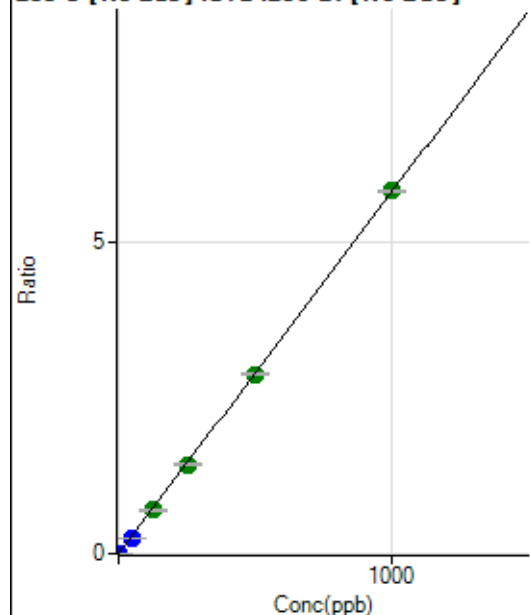
$$DL = 0.01631$$

$$BEC = 0.07532$$

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	24.44	0.0000	P	6.9
2	☐	1.000	0.868	20256.58	0.0050	P	5.0
3	☐	50.000	41.087	997401.44	0.2387	P	1.4
4	☐	125.000	120.248	2876332.60	0.6987	A	1.8
5	☐	250.000	245.886	5764627.07	1.4286	A	1.8
6	☐	500.000	496.386	11521037.47	2.8841	A	1.1
7	☐	1000.000	1003.875	23124701.32	5.8327	A	0.6
8	☐			992.27	0.0003	P	5.9

$$y = 0.0058 * x + 5.9275E-006$$

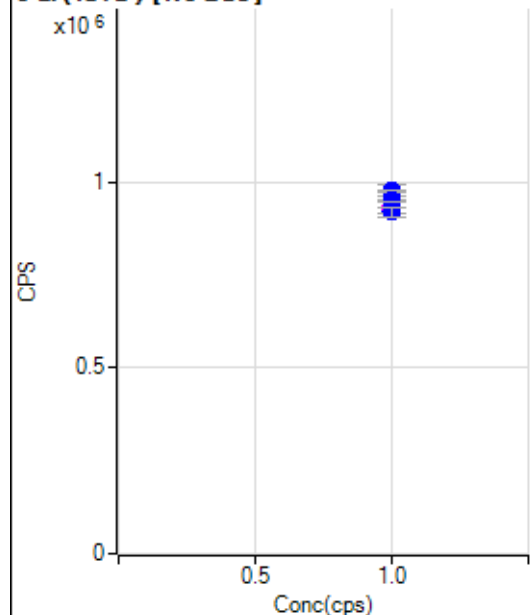
$$R = 1.0000$$

$$DL = 0.0002117$$

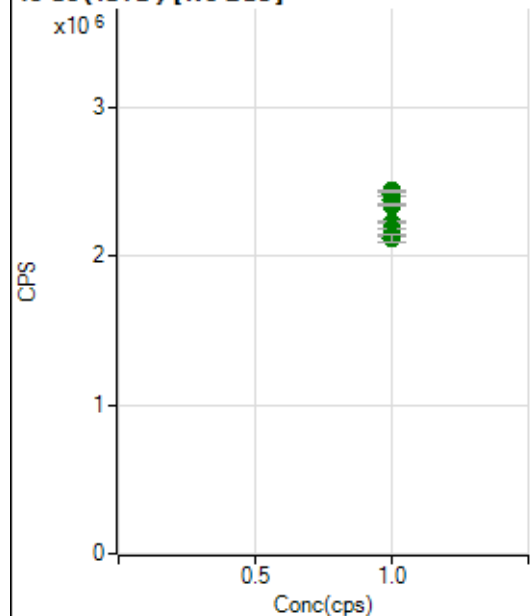
$$BEC = 0.00102$$

Weight: <None>

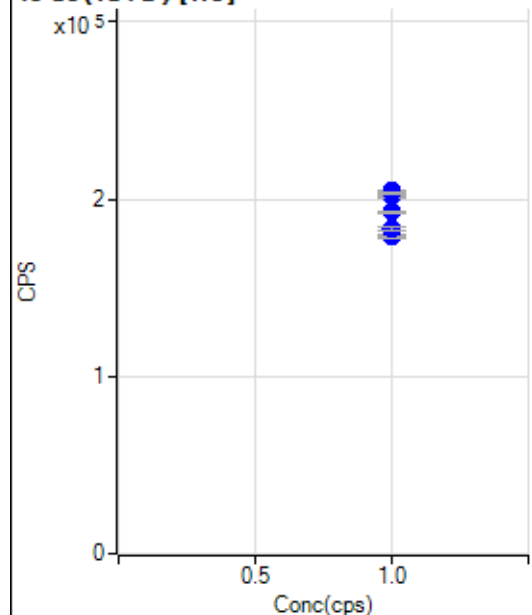
Min Conc: 0

6 Li (ISTD) [No Gas]

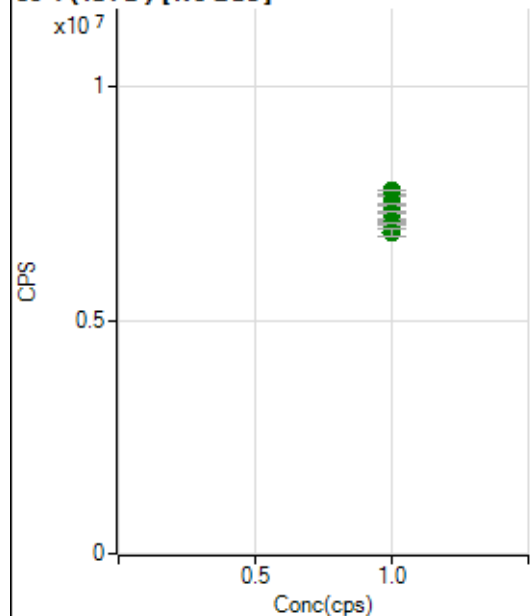
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		974956.92		P	0.8
2	☐	1.000		927807.55		M	4.8
3	☐	1.000		972991.16		M	3.7
4	☐	1.000		937489.45		M	5.1
5	☐	1.000		976421.44		P	0.7
6	☐	1.000		949709.34		P	0.5
7	☐	1.000		946553.11		P	0.4
8	☐	1.000		919455.84		P	2.7

45 Sc (ISTD) [No Gas]

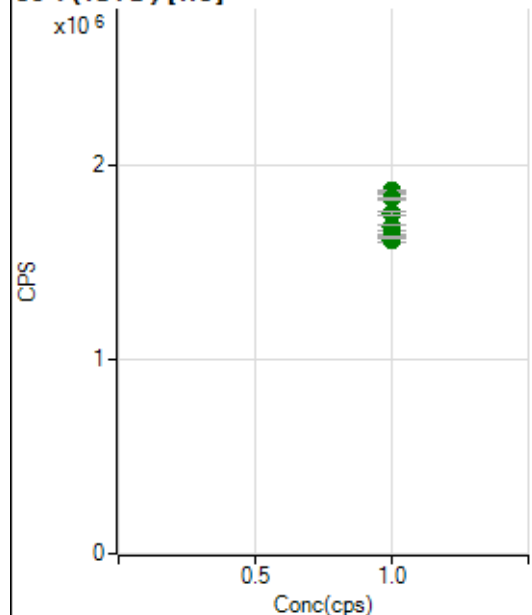
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2420726.95		A	1.1
2	☐	1.000		2385813.37		A	3.8
3	☐	1.000		2439720.57		A	0.3
4	☐	1.000		2344308.59		A	0.6
5	☐	1.000		2229804.90		A	0.3
6	☐	1.000		2185614.07		A	0.3
7	☐	1.000		2135070.28		A	0.6
8	☐	1.000		2119654.88		A	2.7

45 Sc (ISTD) [He]

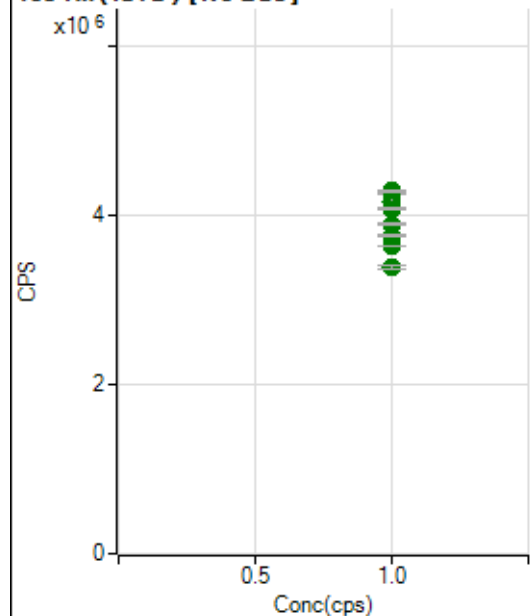
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		201205.66		P	0.4
2	☐	1.000		204607.12		P	0.6
3	☐	1.000		203414.36		P	0.3
4	☐	1.000		192667.81		P	0.4
5	☐	1.000		183368.52		P	0.9
6	☐	1.000		179286.51		P	0.6
7	☐	1.000		178504.37		P	0.5
8	☐	1.000		183469.40		P	1.1

89 Y (ISTD) [No Gas]

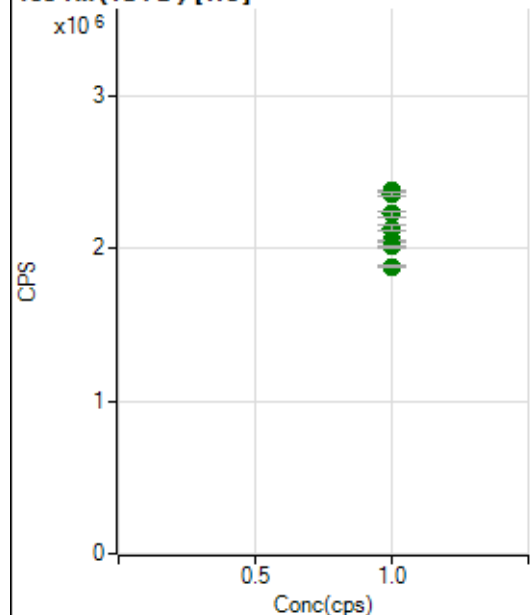
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7676829.12		A	0.7
2	☐	1.000		7507739.26		A	4.5
3	☐	1.000		7778080.79		A	0.2
4	☐	1.000		7495050.86		A	0.4
5	☐	1.000		7306942.11		A	0.7
6	☐	1.000		7134075.73		A	0.5
7	☐	1.000		7070291.42		A	0.1
8	☐	1.000		6874901.15		A	2.6

89 Y (ISTD) [He]

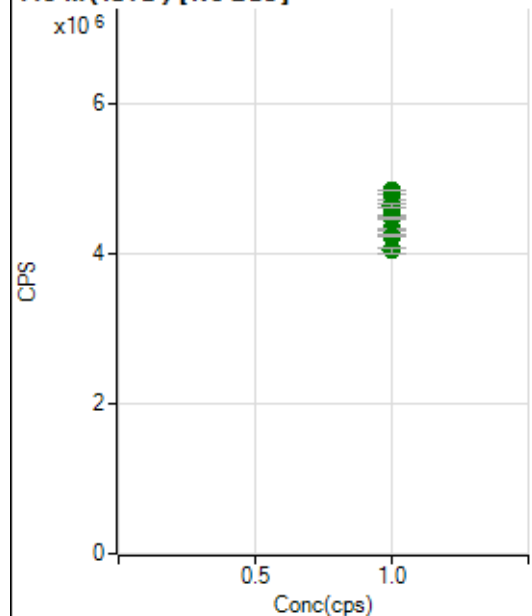
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1858574.54		A	0.6
2	☐	1.000		1872468.42		A	0.5
3	☐	1.000		1833288.79		A	0.3
4	☐	1.000		1754170.08		A	1.2
5	☐	1.000		1686337.49		A	1.7
6	☐	1.000		1644485.63		A	0.5
7	☐	1.000		1622240.15		A	1.2
8	☐	1.000		1631508.08		A	0.2

103 Rh (ISTD) [No Gas]

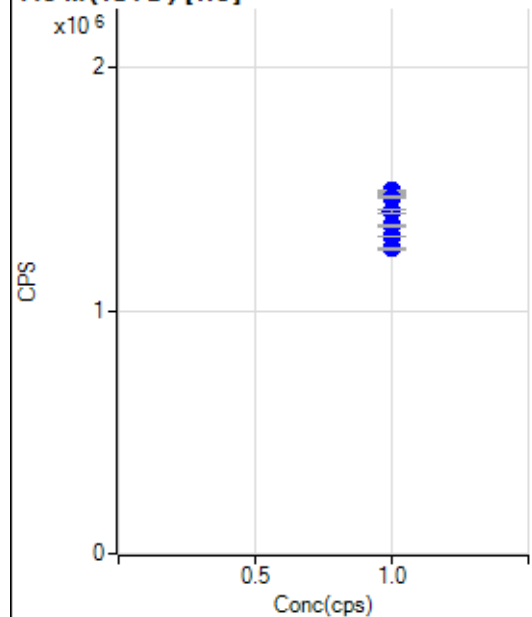
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4280816.22		A	1.1
2	☐	1.000		4173434.97		A	4.7
3	☐	1.000		4292729.21		A	0.7
4	☐	1.000		4082265.25		A	0.8
5	☐	1.000		3901926.09		A	0.3
6	☐	1.000		3758314.39		A	0.6
7	☐	1.000		3642739.63		A	0.4
8	☐	1.000		3390612.14		A	1.2

103 Rh (ISTD) [He]

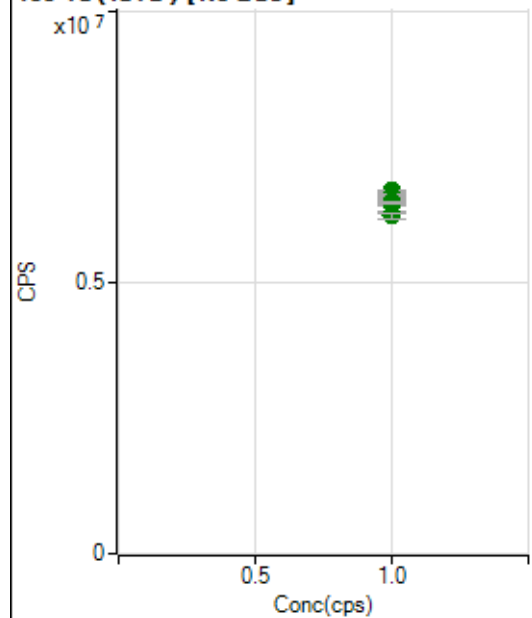
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2379599.62		A	0.9
2	☐	1.000		2376493.63		A	0.4
3	☐	1.000		2358732.24		A	0.9
4	☐	1.000		2227322.50		A	1.6
5	☐	1.000		2136802.35		A	1.8
6	☐	1.000		2052473.23		A	0.5
7	☐	1.000		2012022.29		A	0.9
8	☐	1.000		1880252.44		A	0.7

115 In (ISTD) [No Gas]

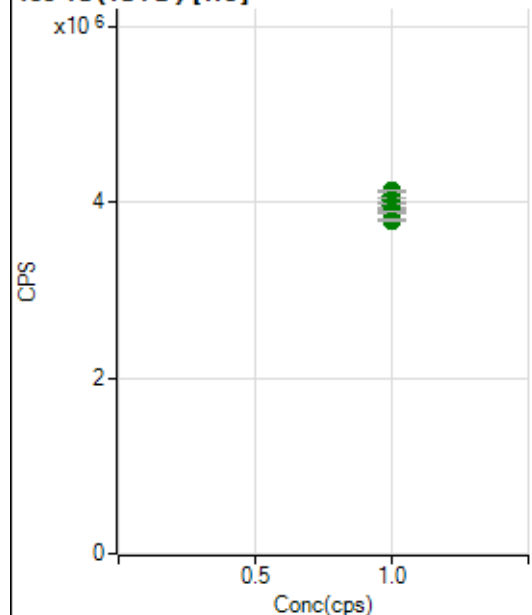
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4801814.68		A	0.4
2	☐	1.000		4616004.57		A	4.6
3	☐	1.000		4844265.64		A	0.2
4	☐	1.000		4654731.94		A	0.9
5	☐	1.000		4490664.00		A	0.6
6	☐	1.000		4334660.09		A	0.7
7	☐	1.000		4246869.38		A	0.5
8	☐	1.000		4047901.22		A	1.8

115 In (ISTD) [He]

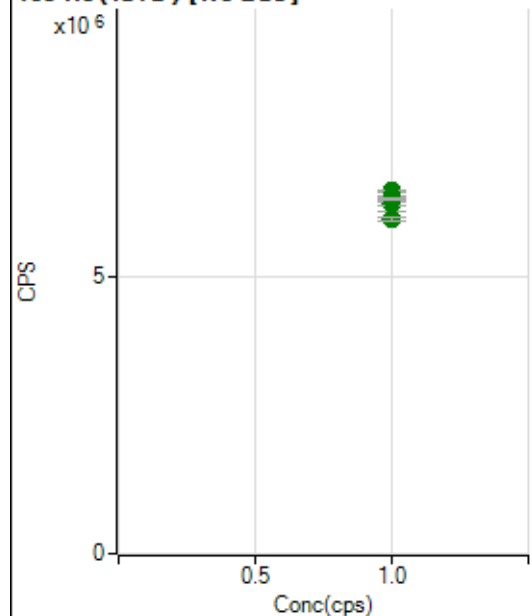
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1472471.66		P	0.6
2	☐	1.000		1492099.14		P	0.2
3	☐	1.000		1466164.81		P	0.2
4	☐	1.000		1407925.80		P	0.9
5	☐	1.000		1349520.34		P	0.6
6	☐	1.000		1304608.51		P	0.2
7	☐	1.000		1256522.35		P	0.5
8	☐	1.000		1253880.51		P	0.7

159 Tb (ISTD) [No Gas]

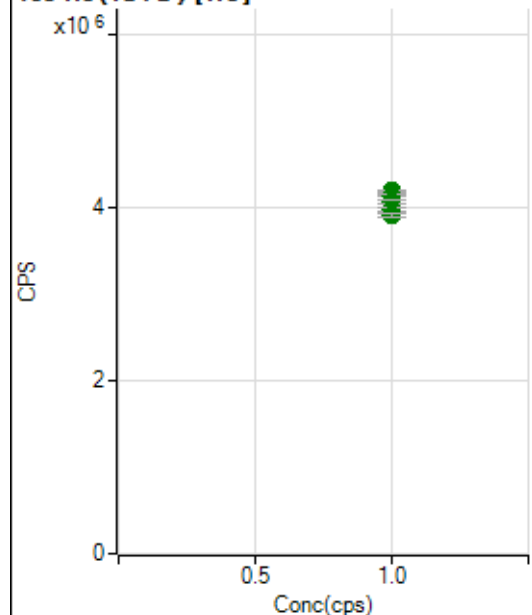
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6553047.68		A	1.0
2	☐	1.000		6478897.33		A	4.7
3	☐	1.000		6699614.76		A	0.2
4	☐	1.000		6614504.90		A	0.3
5	☐	1.000		6512551.98		A	0.8
6	☐	1.000		6469721.64		A	0.9
7	☐	1.000		6465108.72		A	0.6
8	☐	1.000		6239315.32		A	1.9

159 Tb (ISTD) [He]

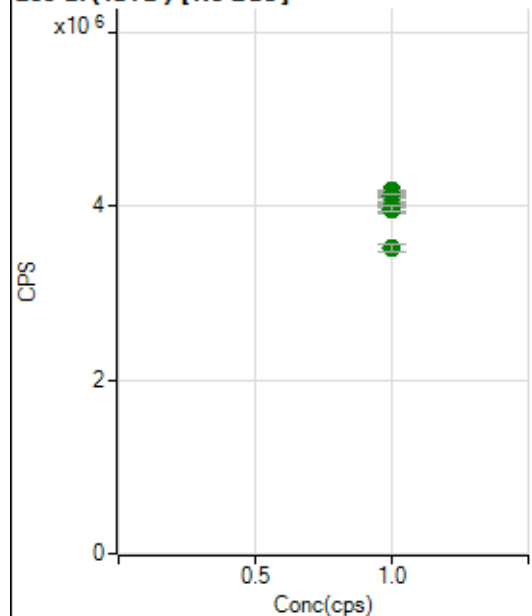
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4074752.92		A	1.7
2	☐	1.000		4123779.70		A	0.3
3	☐	1.000		4127891.81		A	0.8
4	☐	1.000		4021776.75		A	0.9
5	☐	1.000		3952808.76		A	1.0
6	☐	1.000		3904977.51		A	0.9
7	☐	1.000		3885305.46		A	0.4
8	☐	1.000		3794349.74		A	1.0

165 Ho (ISTD) [No Gas]

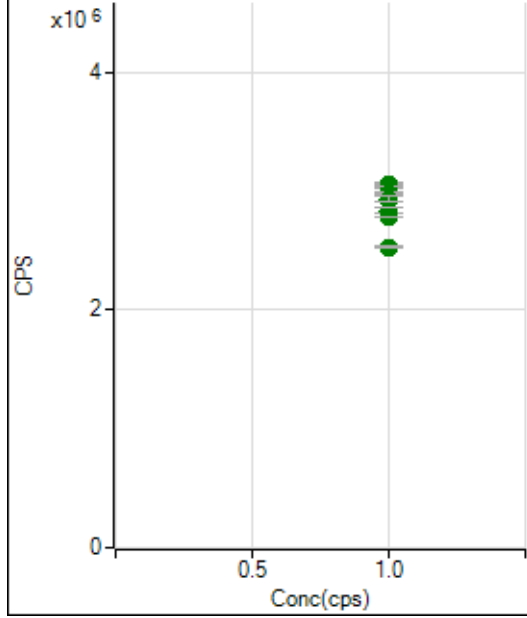
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6385939.70		A	0.9
2	☐	1.000		6329494.07		A	4.4
3	☐	1.000		6558828.45		A	0.3
4	☐	1.000		6460603.17		A	0.3
5	☐	1.000		6383226.43		A	0.4
6	☐	1.000		6321500.39		A	1.2
7	☐	1.000		6410092.47		A	0.8
8	☐	1.000		6060241.92		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4147810.08		A	0.8
2	☐	1.000		4198733.69		A	0.6
3	☐	1.000		4187639.03		A	0.6
4	☐	1.000		4128524.70		A	1.9
5	☐	1.000		4062204.49		A	1.1
6	☐	1.000		3984471.95		A	1.1
7	☐	1.000		3987407.65		A	0.8
8	☐	1.000		3916969.87		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4122114.80		A	1.4
2	☐	1.000		4018165.91		A	5.1
3	☐	1.000		4178064.42		A	0.5
4	☐	1.000		4116571.95		A	0.8
5	☐	1.000		4035252.51		A	0.6
6	☐	1.000		3994683.00		A	0.5
7	☐	1.000		3964720.64		A	1.6
8	☐	1.000		3515368.77		A	2.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3053023.25		A	1.5
2	☐	1.000		3047355.48		A	0.4
3	☐	1.000		3045253.46		A	0.3
4	☐	1.000		2980847.21		A	0.8
5	☐	1.000		2931730.89		A	1.8
6	☐	1.000		2838389.09		A	1.4
7	☐	1.000		2785918.01		A	0.1
8	☐	1.000		2530232.95		A	0.4