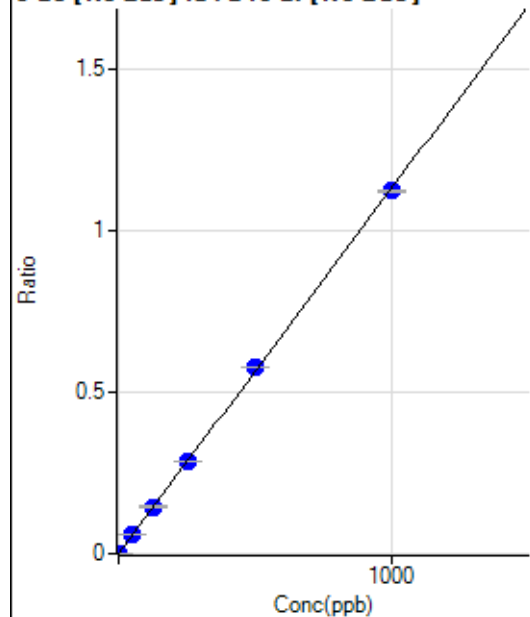


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101424MS2.b\
 Analysis File: P7101424MS2.batch.bin
 DA Date-Time: 2024-10-15 06:38:25
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-14 13:52:29
2	005CALS.d	S02	2024-10-14 13:55:53
3	006CALS.d	S03	2024-10-14 13:59:19
4	007CALS.d	S04	2024-10-14 14:02:34
5	008CALS.d	S05	2024-10-14 14:05:46
6	009CALS.d	S06	2024-10-14 14:08:44
7	010CALS.d	S07	2024-10-14 14:11:40
8	011CALS.d	S08	2024-10-14 14:14:26

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0001	P	27.1
2	☐	1.000	1.084	1033.38	0.0013	P	3.0
3	☐	50.000	52.887	46324.30	0.0598	P	0.9
4	☐	125.000	128.651	112362.88	0.1454	P	1.0
5	☐	250.000	253.822	218404.74	0.2868	P	0.6
6	☐	500.000	510.144	431602.38	0.5763	P	0.5
7	☐	1000.000	993.372	820512.23	1.1220	P	0.7
8	☐			474.46	0.0007	P	15.3

$$y = 0.0011 * x + 1.1797E-004$$

R = 0.9999

DL = 0.08495

BEC = 0.1045

Weight: <None>

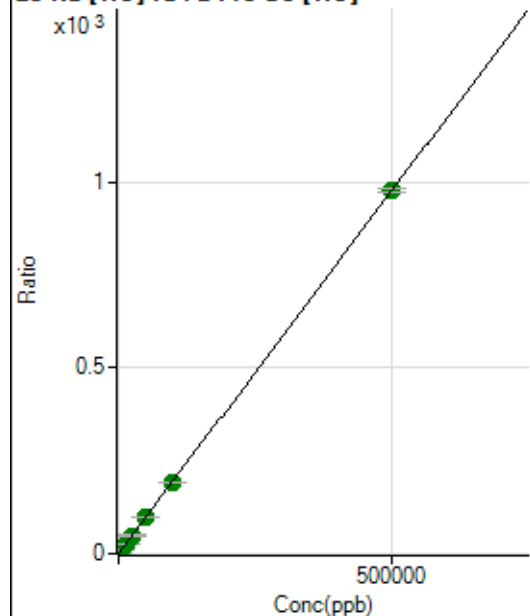
Min Conc: 0

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	9461.86	0.0702	P	3.1
2	☐	500.000	544.447	152301.91	1.1334	P	1.0
3	☐	5000.000	5060.837	1350661.91	9.9535	A	1.5
4	☐	12500.000	12598.926	3244424.85	24.6746	A	0.2
5	☐	25000.000	25032.765	6394828.79	48.9566	A	1.1
6	☐	50000.000	50816.842	12742705.92	99.3102	A	1.0
7	☐	100000.00	98505.223	24639221.85	192.4408	A	1.2
8	☐	500000.00	500212.50	121343551.5	976.9339	A	1.2

$$y = 0.0020 * x + 0.0702$$

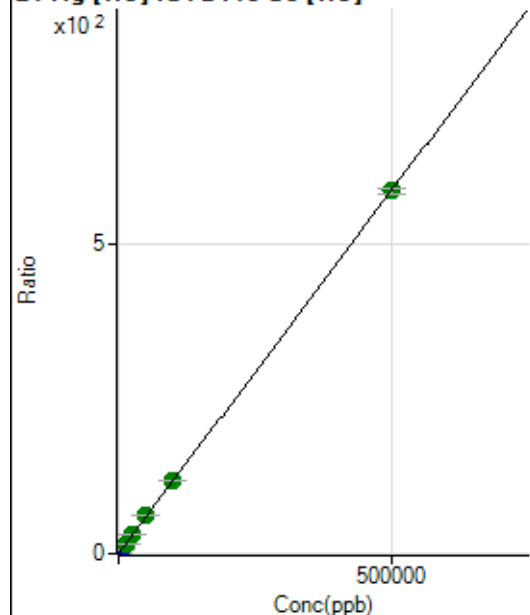
$$R = 1.0000$$

$$DL = 3.296$$

$$BEC = 35.93$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1474.53	0.0109	P	2.7
2	☐	500.000	573.797	92141.27	0.6857	P	0.9
3	☐	5000.000	5383.686	860586.38	6.3419	P	0.9
4	☐	12500.000	13015.551	2013956.89	15.3165	A	0.6
5	☐	25000.000	25670.220	3944504.87	30.1978	A	1.4
6	☐	50000.000	52191.451	7876417.52	61.3854	A	1.4
7	☐	100000.00	101060.76	15216833.80	118.8531	A	1.6
8	☐	500000.00	499518.39	72961270.02	587.4185	A	1.4

$$y = 0.0012 * x + 0.0109$$

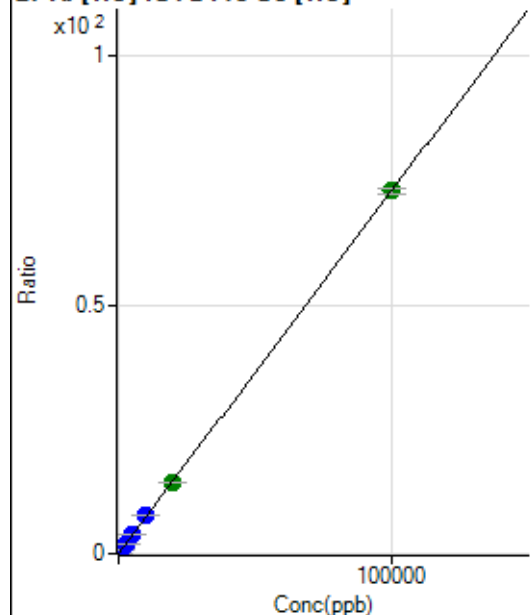
$$R = 1.0000$$

$$DL = 0.7626$$

$$BEC = 9.298$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0008	P	16.8
2	☐	20.000	185.956	18321.02	0.1364	P	2.0
3	☐	1000.000	1043.571	103352.50	0.7616	P	0.8
4	☐	2500.000	2609.653	250280.88	1.9034	P	0.6
5	☐	5000.000	5168.907	492372.30	3.7693	P	0.8
6	☐	10000.000	10417.916	974695.91	7.5963	P	1.0
7	☐	20000.000	19652.597	1834633.05	14.3292	A	1.6
8	☐	100000.00	100016.03	9057277.22	72.9208	A	1.3

$$y = 7.2908E-004 * x + 7.7491E-004$$

$$R = 1.0000$$

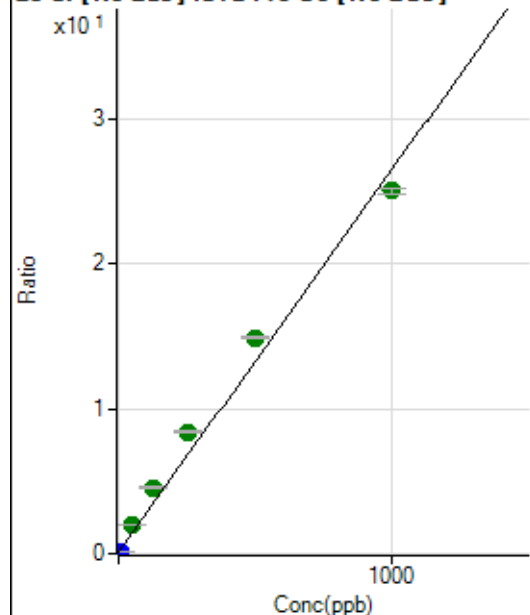
$$DL = 0.5366$$

$$BEC = 1.063$$

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	149116.62	0.0951	P	0.7
2	☐	10.000	0.431	168528.52	0.1064	P	1.3
3	☐	50.000	71.456	3158972.94	1.9815	A	0.6
4	☐	125.000	169.384	7211829.68	4.5667	A	0.8
5	☐	250.000	315.887	13145200.78	8.4343	A	0.9
6	☐	500.000	562.240	22804749.94	14.9380	A	1.6
7	☐	1000.000	945.883	38040938.32	25.0660	A	1.8
8	☐			491739.34	0.3400	P	15.7

$$y = 0.0264 * x + 0.0951$$

$$R = 0.9934$$

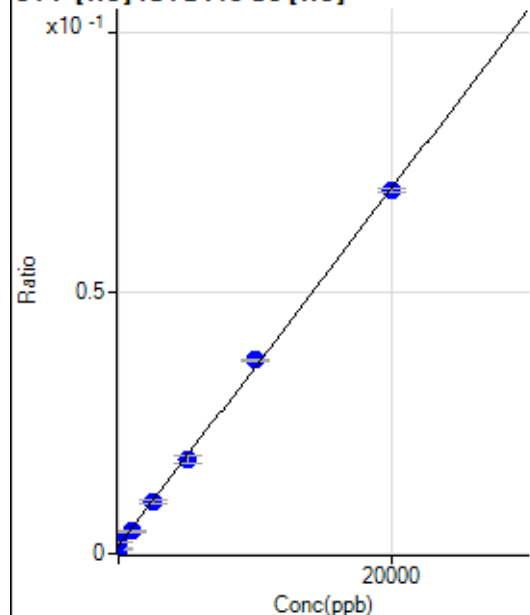
$$DL = 0.07417$$

$$BEC = 3.601$$

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	-193.326	113.33	0.0008	P	22.6
2	☐	0.000	193.326	291.12	0.0022	P	1.4
3	☐	1000.000	817.728	584.46	0.0043	P	9.9
4	☐	2500.000	2455.156	1304.51	0.0099	P	5.9
5	☐	5000.000	4851.384	2369.09	0.0181	P	7.6
6	☐	10000.000	10383.351	4760.78	0.0371	P	0.8
7	☐	20000.000	19860.198	8910.44	0.0696	P	1.2
8	☐			147.78	0.0012	P	16.1

$$y = 3.4284E-006 * x + 0.0015$$

$$R = 0.9995$$

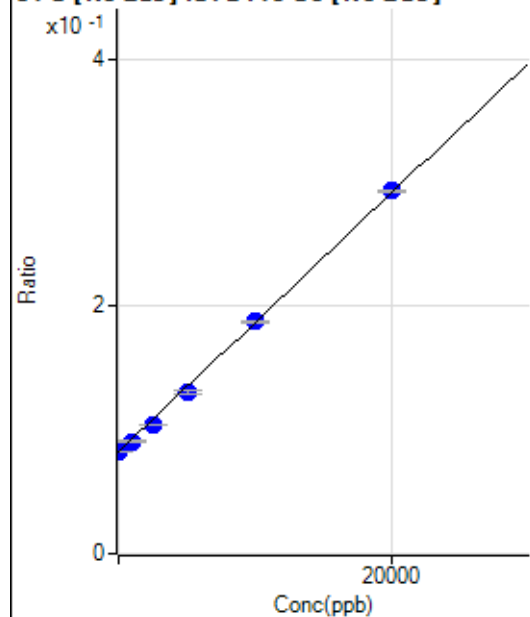
$$DL = 96.19$$

$$BEC = 438.6$$

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	-11.707	129178.19	0.0823	P	1.2
2	☐	0.000	11.707	130782.63	0.0826	P	1.1
3	☐	1000.000	743.255	143891.19	0.0903	P	1.8
4	☐	2500.000	2075.643	164576.44	0.1042	P	1.0
5	☐	5000.000	4572.513	203167.24	0.1304	P	1.7
6	☐	10000.000	10084.038	287173.16	0.1881	P	0.8
7	☐	20000.000	20130.735	445158.16	0.2933	P	0.5
8	☐			113181.94	0.0782	P	1.9

$$y = 1.0475E-005 * x + 0.0825$$

$$R = 0.9996$$

$$DL = 267.8$$

$$BEC = 7874$$

Weight: <None>

Min Conc: 0

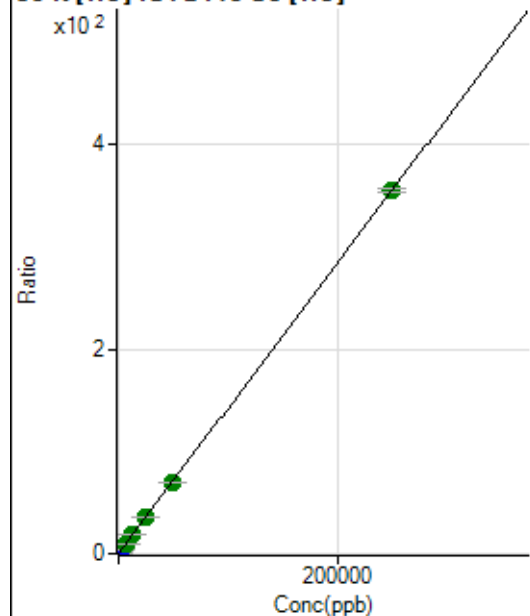
35 Cl [No Gas] No available calibration points



	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	33045.93	0.2451	P	1.0
2	☐	500.000	559.067	139256.20	1.0363	P	0.8
3	☐	2500.000	2664.195	544916.96	4.0156	P	0.8
4	☐	6250.000	6279.301	1200741.51	9.1319	A	0.1
5	☐	12500.000	12586.129	2358654.76	18.0577	A	1.6
6	☐	25000.000	25410.905	4645959.76	36.2080	A	0.7
7	☐	50000.000	48880.810	8888107.23	69.4240	A	1.8
8	☐	250000.00	250175.94	44007893.23	354.3084	A	1.2

$$y = 0.0014 * x + 0.2451$$

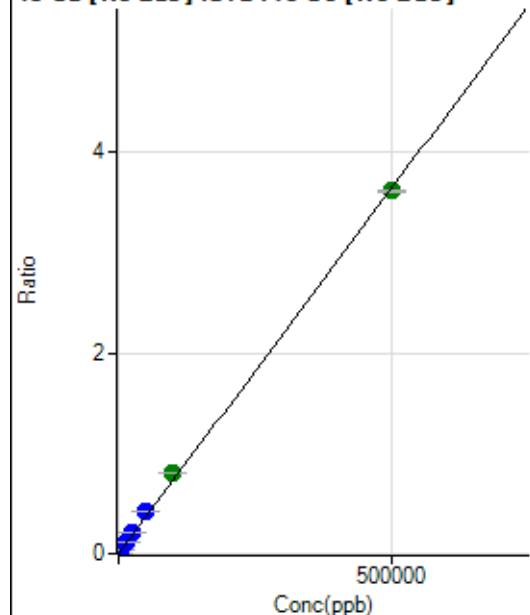
$$R = 1.0000$$

$$DL = 5.097$$

$$BEC = 173.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.67	0.0001	P	1.4
2	☐	500.000	555.177	6587.03	0.0042	P	2.4
3	☐	5000.000	5922.763	68920.90	0.0432	P	1.9
4	☐	12500.000	14620.014	168261.59	0.1065	P	1.1
5	☐	25000.000	28875.221	327756.69	0.2103	P	1.6
6	☐	50000.000	58891.964	654684.11	0.4288	P	0.5
7	☐	100000.00	110572.28	1221662.97	0.8050	A	0.7
8	☐	500000.00	496740.30	5236290.58	3.6161	A	0.4

$$y = 7.2794\text{E-}006 * x + 1.1899\text{E-}004$$

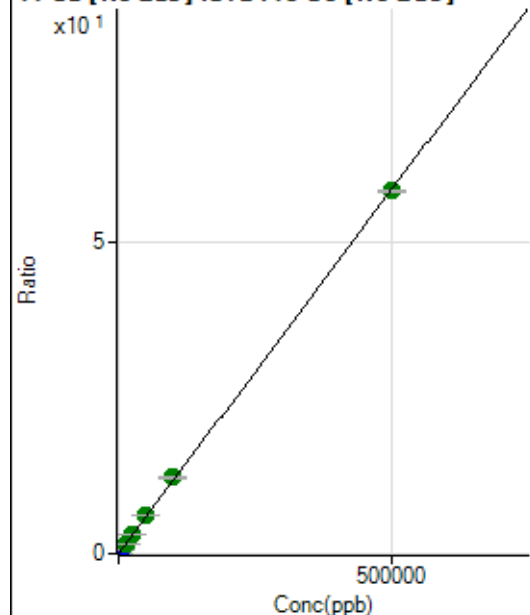
$$R = 0.9997$$

$$DL = 0.6823$$

$$BEC = 16.35$$

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	2885.87	0.0018	P	5.5
2	☐	500.000	566.542	107491.38	0.0679	P	1.4
3	☐	5000.000	5726.828	1067317.06	0.6695	P	0.4
4	☐	12500.000	13238.838	2440301.20	1.5452	A	0.5
5	☐	25000.000	26349.145	4790157.39	3.0736	A	1.6
6	☐	50000.000	53645.998	9551015.90	6.2559	A	0.5
7	☐	100000.00	104639.80	18515536.95	12.2008	A	0.6
8	☐	500000.00	498614.17	84175966.52	58.1307	A	0.4

$$y = 1.1658\text{E-}004 * x + 0.0018$$

$$R = 0.9999$$

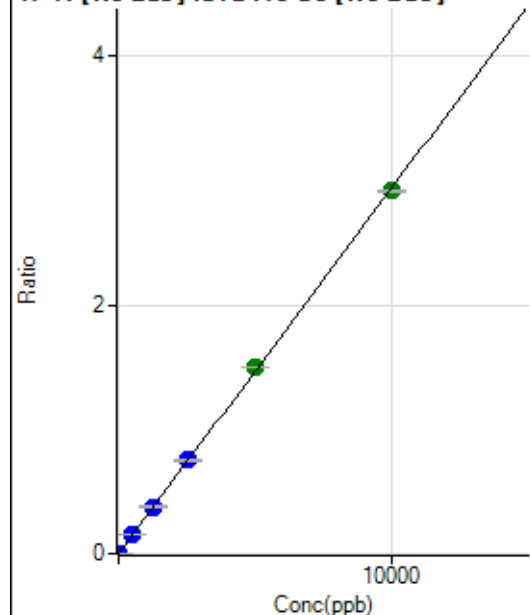
$$DL = 2.624$$

$$BEC = 15.78$$

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	45.56	0.0000	P	25.0
2	☐	5.000	5.997	2835.85	0.0018	P	1.9
3	☐	500.000	521.297	244152.99	0.1531	P	0.8
4	☐	1250.000	1288.056	597518.04	0.3784	P	0.8
5	☐	2500.000	2554.150	1169201.62	0.7502	P	1.6
6	☐	5000.000	5099.031	2286620.72	1.4977	A	0.5
7	☐	10000.000	9931.125	4426819.90	2.9170	A	0.3
8	☐			577.79	0.0004	P	6.9

$$y = 2.9372\text{E-}004 * x + 2.9002\text{E-}005$$

$$R = 0.9999$$

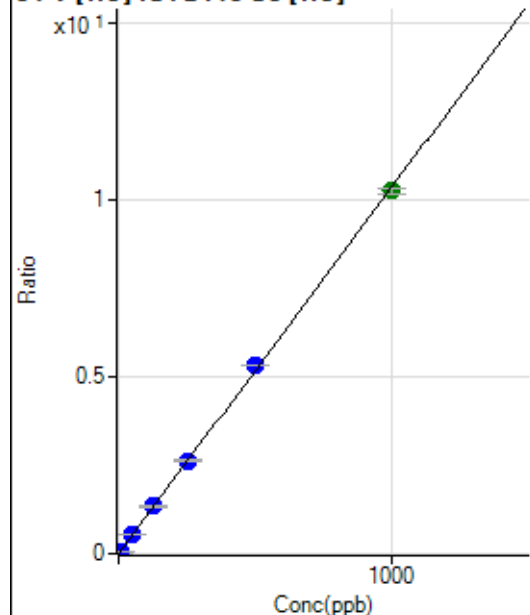
$$DL = 0.07403$$

$$BEC = 0.09874$$

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	11.11	0.0001	P	17.4
2	☐	5.000	5.299	7369.65	0.0548	P	2.6
3	☐	50.000	51.042	71588.60	0.5276	P	1.3
4	☐	125.000	128.648	174821.71	1.3296	P	0.4
5	☐	250.000	254.340	343345.84	2.6285	P	0.9
6	☐	500.000	515.468	683527.93	5.3270	P	0.6
7	☐	1000.000	990.672	1310724.54	10.2379	A	1.8
8	☐			248.89	0.0020	P	11.1

$$y = 0.0103 * x + 8.2398\text{E-}005$$

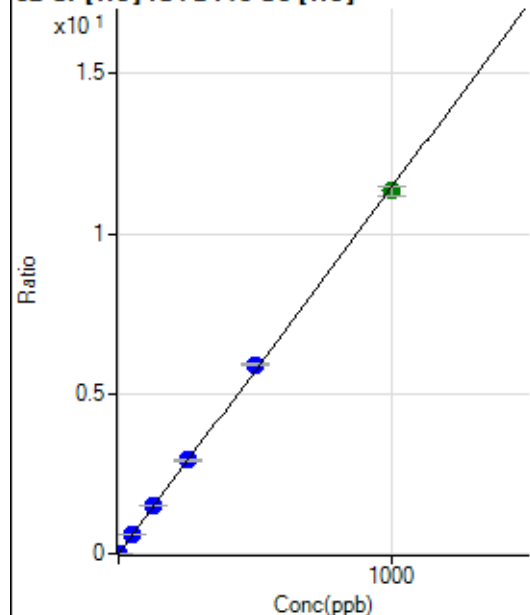
$$R = 0.9998$$

$$DL = 0.004156$$

$$BEC = 0.007973$$

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	182.23	0.0014	P	4.7
2	☐	2.000	2.074	3373.74	0.0251	P	4.1
3	☐	50.000	51.203	79727.99	0.5875	P	0.9
4	☐	125.000	128.909	194225.78	1.4771	P	0.5
5	☐	250.000	255.030	381550.86	2.9210	P	1.0
6	☐	500.000	515.113	756840.38	5.8985	P	1.1
7	☐	1000.000	990.637	1452044.94	11.3424	A	2.4
8	☐			4643.72	0.0374	P	18.2

$$y = 0.0114 * x + 0.0014$$

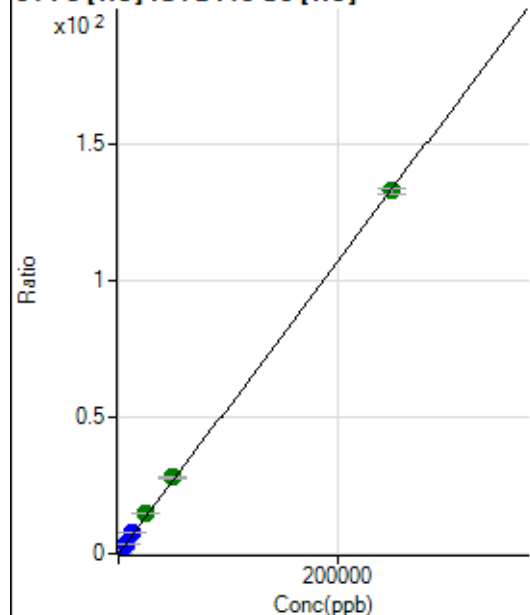
$$R = 0.9998$$

$$DL = 0.01664$$

$$BEC = 0.118$$

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	843.36	0.0063	P	5.6
2	☐	50.000	61.138	5217.62	0.0388	P	1.0
3	☐	2500.000	2822.703	204918.63	1.5101	P	0.5
4	☐	6250.000	7091.354	497585.63	3.7842	P	0.4
5	☐	12500.000	14004.017	975351.29	7.4670	P	1.2
6	☐	25000.000	27276.415	1865387.63	14.5380	A	1.4
7	☐	50000.000	52527.359	3583766.96	27.9906	A	1.4
8	☐	250000.00	249167.42	16488655.45	132.7522	A	1.5

$$y = 5.3276E-004 * x + 0.0063$$

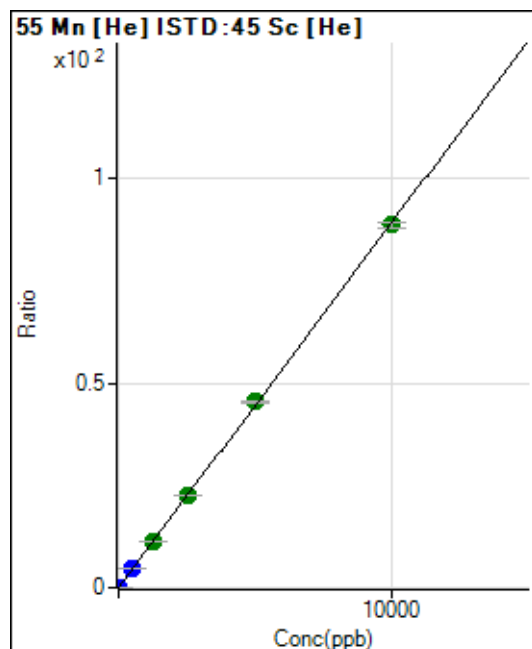
$$R = 0.9999$$

$$DL = 1.965$$

$$BEC = 11.74$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.89	0.0014	P	17.9
2	☐	1.000	1.293	1736.78	0.0129	P	1.7
3	☐	500.000	513.527	621102.40	4.5770	P	0.7
4	☐	1250.000	1263.850	1480891.85	11.2626	A	0.4
5	☐	2500.000	2530.025	2944824.23	22.5444	A	1.2
6	☐	5000.000	5087.776	5816957.97	45.3345	A	1.1
7	☐	10000.000	9946.198	11346637.33	88.6241	A	1.6
8	☐			4897.51	0.0394	P	6.4

$$y = 0.0089 * x + 0.0014$$

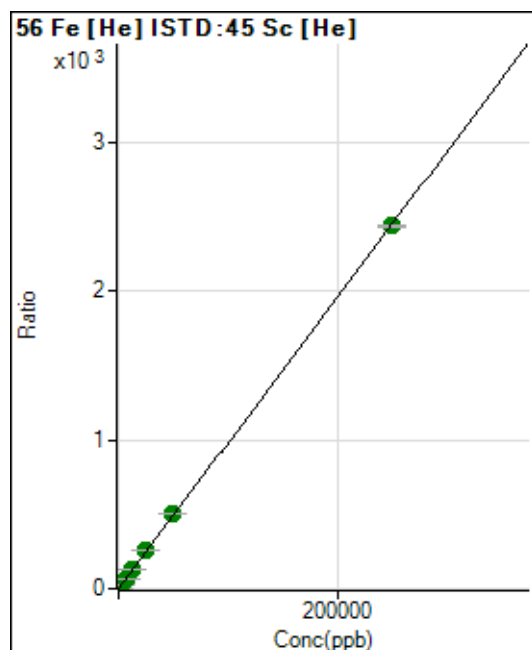
$$R = 0.9999$$

$$DL = 0.08466$$

$$BEC = 0.1573$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5611.10	0.0416	P	2.2
2	☐	50.000	59.599	83828.46	0.6239	P	1.9
3	☐	2500.000	2667.621	3542256.09	26.1038	A	1.4
4	☐	6250.000	6654.987	8554557.23	65.0597	A	0.5
5	☐	12500.000	13240.117	16902581.00	129.3953	A	0.7
6	☐	25000.000	26861.495	33678355.61	262.4738	A	1.1
7	☐	50000.000	51761.934	64749457.92	505.7467	A	1.7
8	☐	250000.00	249412.65	302676735.4	2.436.760	A	0.6

$$y = 0.0098 * x + 0.0416$$

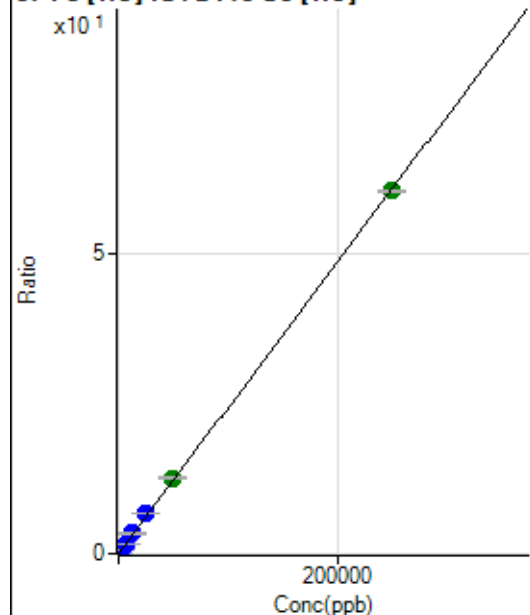
$$R = 1.0000$$

$$DL = 0.2868$$

$$BEC = 4.26$$

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	583.35	0.0043	P	10.9
2	☐	50.000	63.068	2639.15	0.0196	P	3.8
3	☐	2500.000	2789.296	92508.86	0.6817	P	1.0
4	☐	6250.000	7043.266	225473.37	1.7148	P	0.4
5	☐	12500.000	13886.368	441076.80	3.3766	P	0.7
6	☐	25000.000	28056.650	874822.59	6.8179	P	1.0
7	☐	50000.000	51925.668	1615067.46	12.6145	A	1.8
8	☐	250000.00	249217.15	7518127.18	60.5267	A	0.8

$$y = 2.4285E-004 * x + 0.0043$$

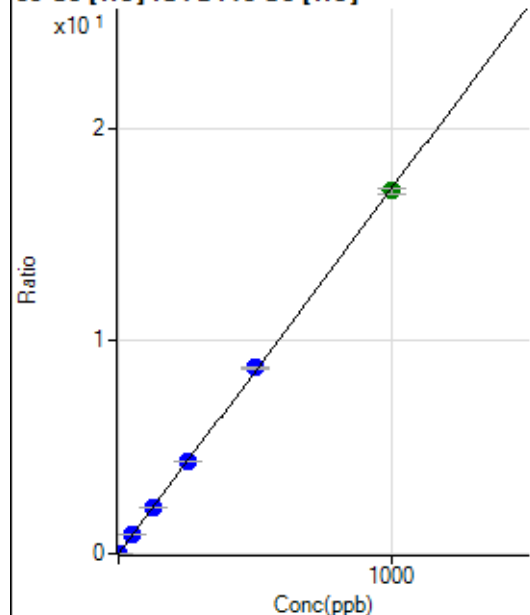
R = 0.9999

DL = 5.833

BEC = 17.82

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	31.11	0.0002	P	22.9
2	☐	1.000	1.092	2551.35	0.0190	P	3.8
3	☐	50.000	51.219	119341.89	0.8795	P	1.3
4	☐	125.000	128.313	289649.30	2.2029	P	0.2
5	☐	250.000	252.931	567171.34	4.3420	P	1.1
6	☐	500.000	509.080	1121325.35	8.7391	P	1.1
7	☐	1000.000	994.252	2185252.73	17.0675	A	1.4
8	☐			5458.82	0.0440	P	2.2

$$y = 0.0172 * x + 2.3093E-004$$

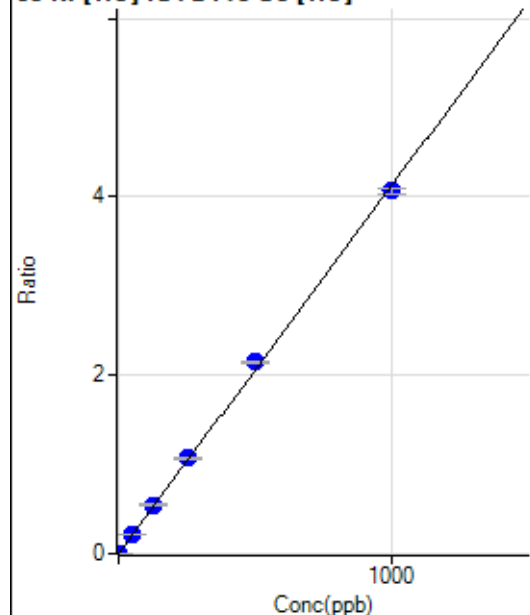
R = 0.9999

DL = 0.009227

BEC = 0.01345

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	44.45	0.0003	P	15.7
2	☐	1.000	1.126	667.80	0.0050	P	7.0
3	☐	50.000	52.899	29645.95	0.2185	P	0.3
4	☐	125.000	132.915	72110.99	0.5484	P	1.0
5	☐	250.000	259.154	139633.58	1.0690	P	1.1
6	☐	500.000	520.371	275380.28	2.1462	P	0.6
7	☐	1000.000	986.391	520820.62	4.0679	P	1.3
8	☐			1853.47	0.0149	P	1.6

$$y = 0.0041 * x + 3.2965E-004$$

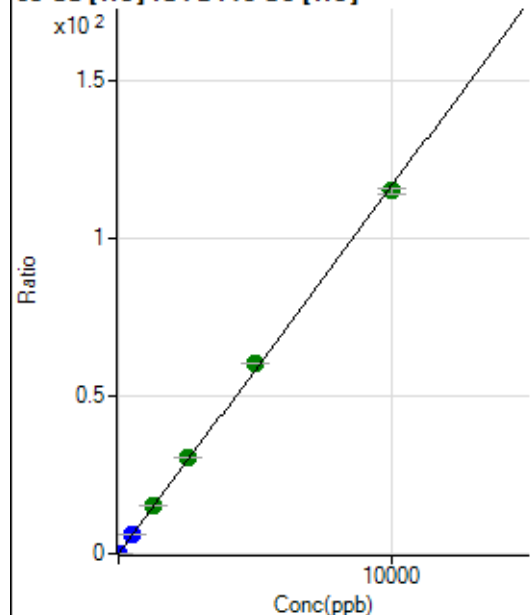
$$R = 0.9996$$

$$DL = 0.03777$$

$$BEC = 0.07994$$

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	356.67	0.0026	P	5.2
2	☐	2.000	2.165	3742.72	0.0279	P	4.5
3	☐	500.000	518.490	819681.12	6.0404	P	0.3
4	☐	1250.000	1330.283	2037232.56	15.4936	A	0.3
5	☐	2500.000	2616.593	3980332.72	30.4724	A	1.4
6	☐	5000.000	5174.855	7732527.18	60.2630	A	0.7
7	☐	10000.000	9872.464	14719702.00	114.9658	A	1.3
8	☐			2916.98	0.0235	P	1.9

$$y = 0.0116 * x + 0.0026$$

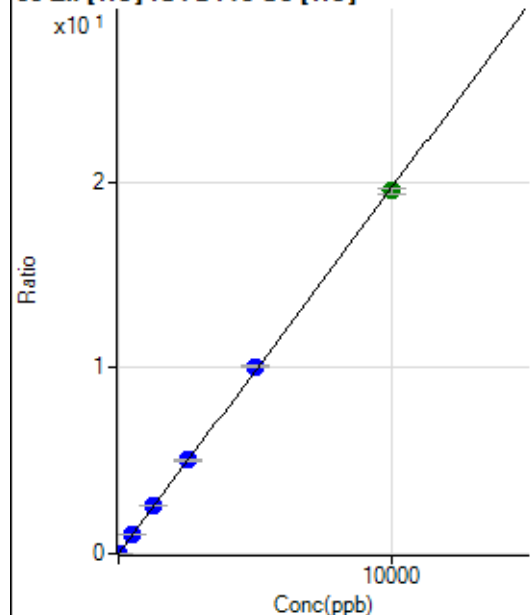
$$R = 0.9997$$

$$DL = 0.0352$$

$$BEC = 0.2271$$

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	151.12	0.0011	P	2.6
2	☐	5.000	6.096	1762.35	0.0131	P	1.1
3	☐	500.000	516.931	138164.13	1.0182	P	0.9
4	☐	1250.000	1291.616	334285.53	2.5423	P	0.4
5	☐	2500.000	2552.534	656167.17	5.0231	P	0.5
6	☐	5000.000	5117.359	1292019.63	10.0693	P	0.9
7	☐	10000.000	9922.138	2499567.72	19.5226	A	1.6
8	☐			761.14	0.0061	P	6.0

$$y = 0.0020 * x + 0.0011$$

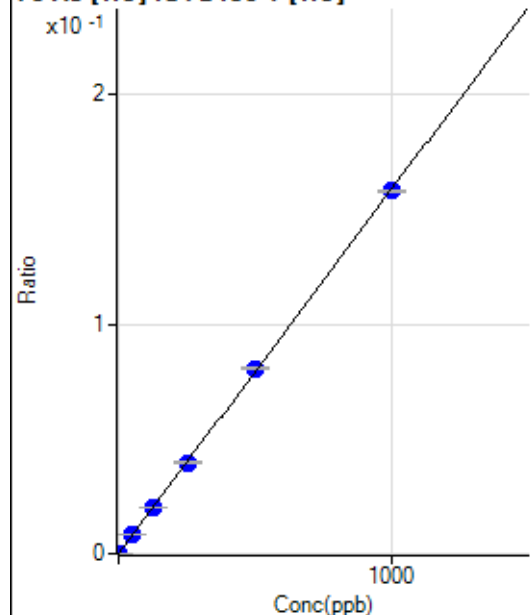
$$R = 0.9999$$

$$DL = 0.04398$$

$$BEC = 0.5696$$

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	4.44	0.0000	P	43.4
2	☐	1.000	1.049	205.56	0.0002	P	19.5
3	☐	50.000	50.842	9914.49	0.0081	P	0.5
4	☐	125.000	126.632	24013.94	0.0201	P	0.1
5	☐	250.000	250.273	47369.68	0.0398	P	0.7
6	☐	500.000	507.555	94831.23	0.0806	P	0.9
7	☐	1000.000	995.908	184238.48	0.1582	P	0.9
8	☐			123.34	0.0001	P	7.1

$$y = 1.5882E-004 * x + 3.6974E-006$$

$$R = 1.0000$$

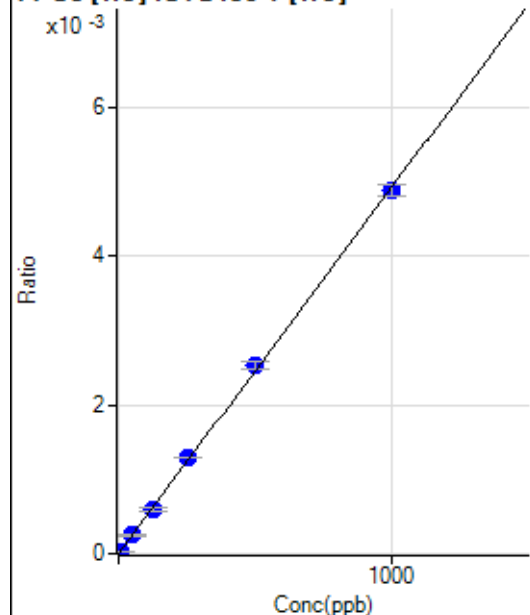
$$DL = 0.03033$$

$$BEC = 0.02328$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.554	21.11	0.0000	P	23.7
3	☐	50.000	51.548	311.12	0.0003	P	11.8
4	☐	125.000	119.650	702.25	0.0006	P	8.1
5	☐	250.000	261.323	1531.20	0.0013	P	0.5
6	☐	500.000	513.156	2968.11	0.0025	P	4.0
7	☐	1000.000	991.190	5676.70	0.0049	P	3.1
8	☐			0.00	0.0000	P	

$$y = 4.9170\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

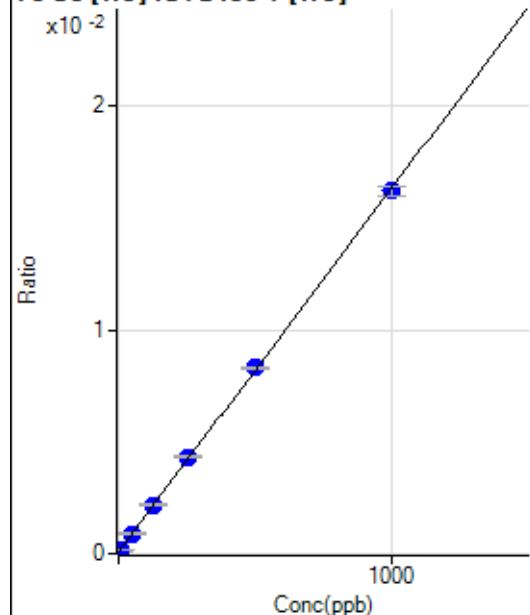
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.33	0.0001	P	17.7
2	☐	5.000	4.736	196.67	0.0002	P	21.7
3	☐	50.000	50.167	1104.50	0.0009	P	2.9
4	☐	125.000	129.519	2611.37	0.0022	P	3.3
5	☐	250.000	261.645	5160.94	0.0043	P	3.3
6	☐	500.000	506.528	9768.84	0.0083	P	1.2
7	☐	1000.000	993.253	18869.88	0.0162	P	2.5
8	☐			85.56	0.0001	P	9.2

$$y = 1.6225\text{E-}005 * x + 8.5957\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.814$$

$$BEC = 5.298$$

Weight: <None>

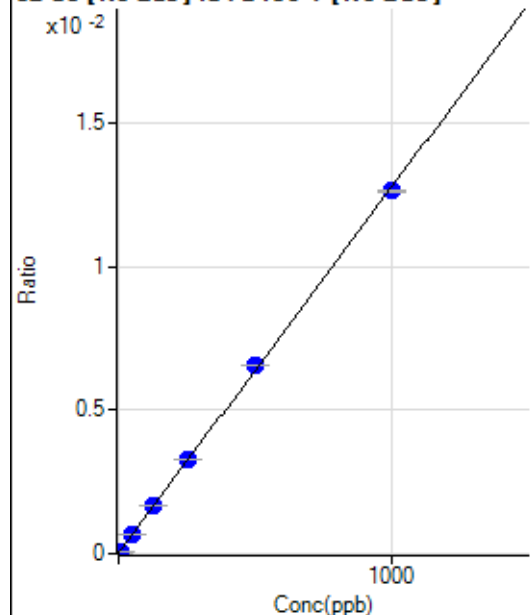
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7042.85		P	2.1
2	☐			7109.55		P	0.8
3	☐			6859.43		P	2.9
4	☐			6852.76		P	3.2
5	☐			6906.13		P	1.4
6	☐			6752.73		P	2.7
7	☐			6810.51		P	0.9
8	☐			6614.88		P	3.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	3.9
2	☐			32.22		P	59.7
3	☐			34.44		P	43.6
4	☐			25.56		P	30.1
5	☐			31.11		P	27.0
6	☐			31.11		P	22.3
7	☐			28.89		P	48.0
8	☐			51.11		P	26.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.53	0.0000	P	15.3
2	☐	5.000	5.262	432.93	0.0001	P	5.8
3	☐	50.000	53.131	3426.52	0.0007	P	1.6
4	☐	125.000	129.029	8244.87	0.0017	P	0.5
5	☐	250.000	256.294	15990.05	0.0033	P	1.6
6	☐	500.000	514.984	31622.28	0.0066	P	0.5
7	☐	1000.000	990.273	61221.12	0.0126	P	0.7
8	☐			146.54	0.0000	P	25.1

$$y = 1.2751\text{E-}005 * x + 2.0103\text{E-}005$$

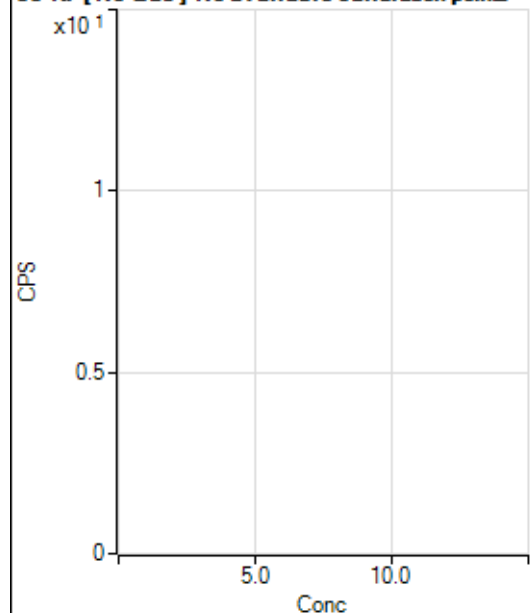
R = 0.9998

DL = 0.7229

BEC = 1.577

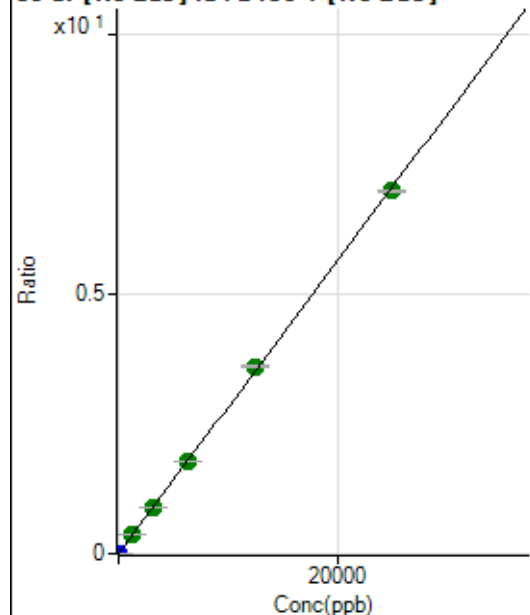
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			77.78		P	27.2
2	☐			77.78		P	27.6
3	☐			75.55		P	9.2
4	☐			90.00		P	35.3
5	☐			91.11		P	4.2
6	☐			74.44		P	6.8
7	☐			90.00		P	16.1
8	☐			107.78		P	19.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	18.1
2	☐	1.000	1.060	1611.22	0.0003	P	2.7
3	☐	1250.000	1294.833	1790520.96	0.3645	A	0.7
4	☐	3125.000	3162.824	4407949.90	0.8904	A	1.0
5	☐	6250.000	6313.216	8642586.05	1.7772	A	1.7
6	☐	12500.000	12817.694	17323201.41	3.6083	A	0.7
7	☐	25000.000	24818.379	33820953.94	6.9865	A	0.6
8	☐			4725.31	0.0011	P	8.3

$$y = 2.8151E-004 * x + 2.6058E-005$$

$$R = 0.9999$$

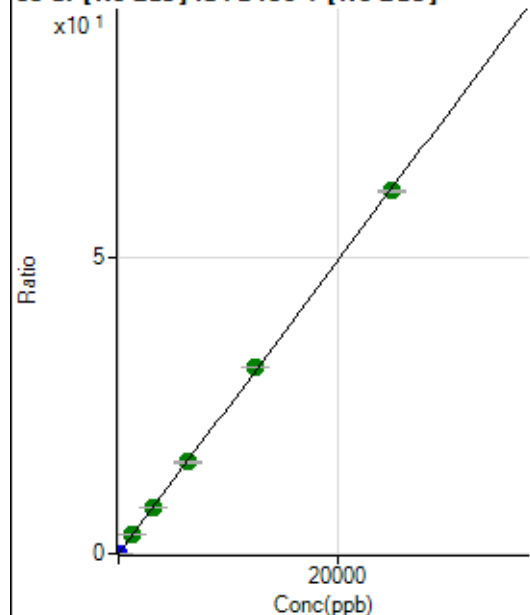
$$DL = 0.05015$$

$$BEC = 0.09257$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	8.0
2	☐	1.000	1.048	13015.87	0.0026	P	1.2
3	☐	1250.000	1269.517	15408010.74	3.1370	A	1.5
4	☐	3125.000	3148.208	38516109.70	7.7793	A	1.0
5	☐	6250.000	6283.359	75507466.10	15.5263	A	1.0
6	☐	12500.000	12783.261	151650786.6	31.5876	A	0.8
7	☐	25000.000	24846.153	297210486.6	61.3952	A	0.8
8	☐			40264.39	0.0090	P	4.6

$$y = 0.0025 * x + 3.1578E-005$$

$$R = 0.9999$$

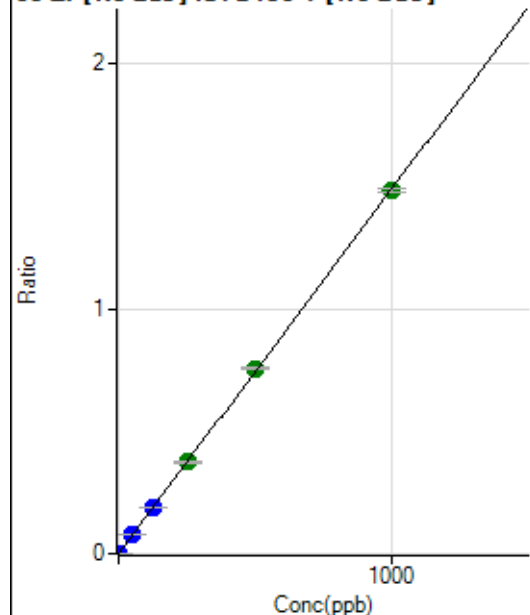
$$DL = 0.003072$$

$$BEC = 0.01278$$

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	153.33	0.0000	P	9.2
2	☐	1.000	1.128	8492.53	0.0017	P	3.4
3	☐	50.000	50.761	371389.59	0.0756	P	0.3
4	☐	125.000	124.490	917807.33	0.1854	P	0.5
5	☐	250.000	252.079	1825372.09	0.3754	A	1.5
6	☐	500.000	507.502	3627830.05	0.7557	A	1.0
7	☐	1000.000	995.755	7176687.04	1.4826	A	1.0
8	☐			3462.67	0.0008	P	4.0

$$y = 0.0015 * x + 3.1560E-005$$

$$R = 1.0000$$

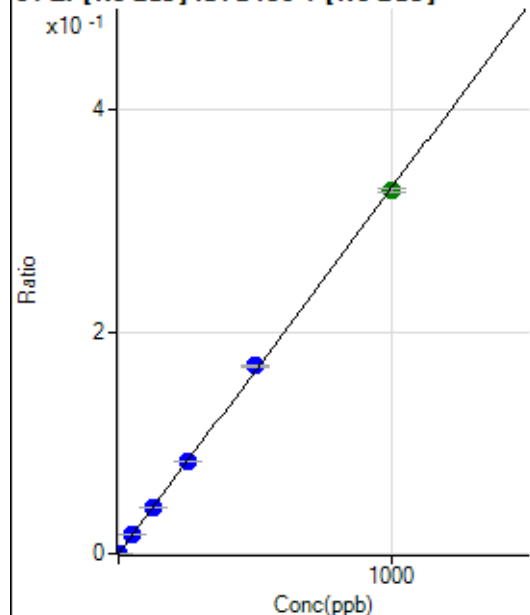
$$DL = 0.005877$$

$$BEC = 0.0212$$

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	23.33	0.0000	P	36.6
2	☐	1.000	1.074	1779.02	0.0004	P	5.7
3	☐	50.000	50.857	82284.30	0.0168	P	1.5
4	☐	125.000	126.121	205646.90	0.0415	P	0.9
5	☐	250.000	252.992	405184.76	0.0833	P	1.5
6	☐	500.000	513.252	811498.48	0.1690	P	0.5
7	☐	1000.000	992.443	1582110.22	0.3268	A	1.0
8	☐			804.47	0.0002	P	8.2

$$y = 3.2932E-004 * x + 4.7937E-006$$

$$R = 0.9999$$

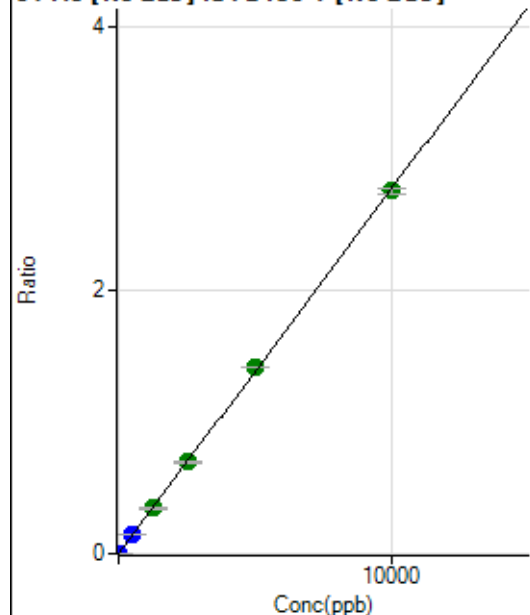
$$DL = 0.01599$$

$$BEC = 0.01456$$

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	82.22	0.0000	P	34.7
2	☐	5.000	6.813	9467.57	0.0019	P	1.7
3	☐	500.000	507.968	692170.67	0.1409	P	0.8
4	☐	1250.000	1245.130	1710062.67	0.3454	A	1.5
5	☐	2500.000	2528.797	3411095.68	0.7015	A	2.0
6	☐	5000.000	5096.148	6786713.79	1.4136	A	0.2
7	☐	10000.000	9944.936	13352683.55	2.7586	A	1.9
8	☐			2896.98	0.0006	P	3.1

$$y = 2.7739\text{E-}004 * x + 1.6951\text{E-}005$$

$$R = 0.9999$$

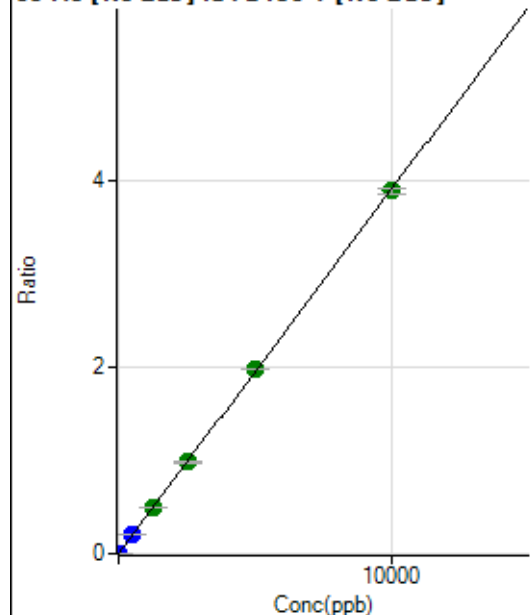
$$DL = 0.06357$$

$$BEC = 0.06111$$

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	26.67	0.0000	P	25.3
2	☐	5.000	5.595	10876.35	0.0022	P	1.4
3	☐	500.000	506.501	971615.29	0.1978	P	0.8
4	☐	1250.000	1263.859	2443585.07	0.4936	A	0.9
5	☐	2500.000	2516.172	4778487.98	0.9827	A	1.9
6	☐	5000.000	5071.031	9507844.30	1.9804	A	0.6
7	☐	10000.000	9958.384	18824592.36	3.8891	A	1.7
8	☐			2803.63	0.0006	P	2.5

$$y = 3.9053\text{E-}004 * x + 5.4956\text{E-}006$$

$$R = 1.0000$$

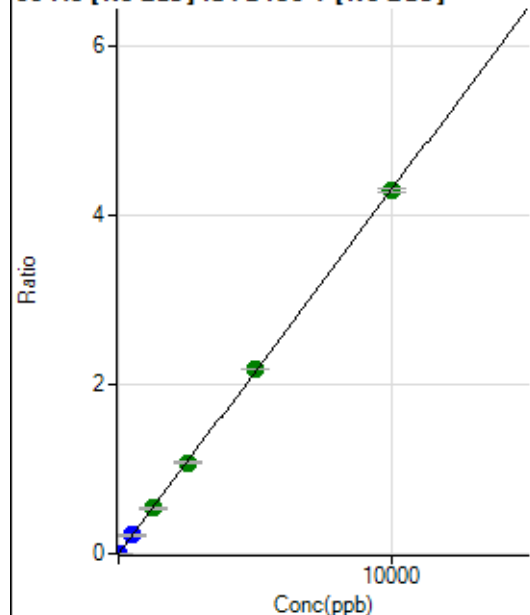
$$DL = 0.01066$$

$$BEC = 0.01407$$

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	42.22	0.0000	P	42.8
2	☐	5.000	5.769	12378.65	0.0025	P	2.0
3	☐	500.000	502.949	1063894.91	0.2166	P	1.2
4	☐	1250.000	1248.098	2660992.37	0.5375	A	1.2
5	☐	2500.000	2508.038	5252479.92	1.0801	A	1.7
6	☐	5000.000	5063.939	10470079.15	2.1808	A	0.7
7	☐	10000.000	9966.111	20775584.00	4.2920	A	0.9
8	☐			6061.32	0.0014	P	1.9

$$y = 4.3065\text{E-}004 * x + 8.6651\text{E-}006$$

$$R = 1.0000$$

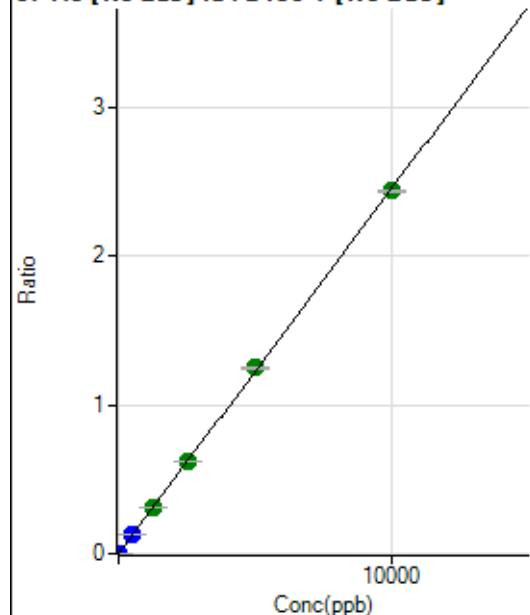
$$DL = 0.02584$$

$$BEC = 0.02012$$

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	15.56	0.0000	P	60.6
2	☐	5.000	5.660	6916.14	0.0014	P	1.6
3	☐	500.000	505.800	610065.78	0.1242	P	1.0
4	☐	1250.000	1246.863	1515789.42	0.3062	A	1.0
5	☐	2500.000	2532.626	3024463.50	0.6219	A	1.1
6	☐	5000.000	5095.521	6007065.33	1.2512	A	1.1
7	☐	10000.000	9944.185	11820332.60	2.4419	A	0.4
8	☐			1557.88	0.0003	P	5.6

$$y = 2.4556\text{E-}004 * x + 3.1882\text{E-}006$$

$$R = 0.9999$$

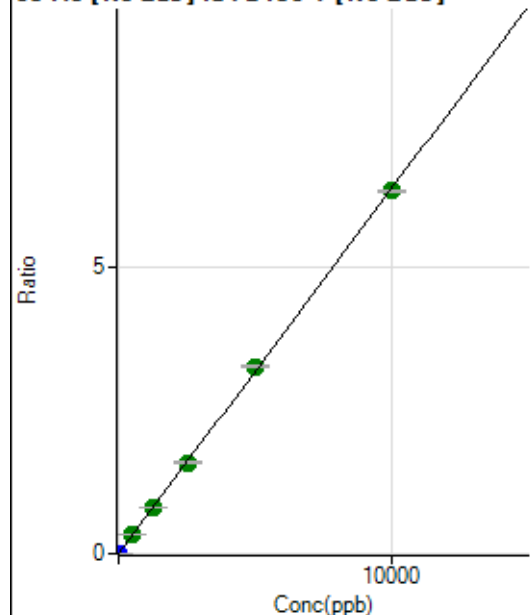
$$DL = 0.0236$$

$$BEC = 0.01298$$

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	53.34	0.0000	P	9.4
2	☐	5.000	5.699	18018.98	0.0036	P	0.9
3	☐	500.000	506.174	1578505.41	0.3214	A	1.2
4	☐	1250.000	1242.188	3904647.09	0.7887	A	0.2
5	☐	2500.000	2499.742	7718222.46	1.5871	A	1.1
6	☐	5000.000	5118.804	15602494.21	3.2499	A	1.0
7	☐	10000.000	9941.330	30553244.55	6.3117	A	0.3
8	☐			3809.42	0.0009	P	5.0

$$y = 6.3489\text{E-}004 * x + 1.0971\text{E-}005$$

$$R = 0.9999$$

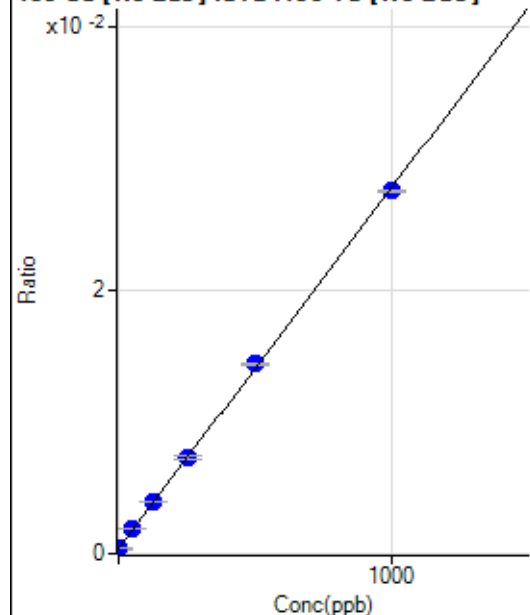
$$DL = 0.004879$$

$$BEC = 0.01728$$

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	1513.43	0.0004	P	7.9
2	☐	1.000	1.401	1703.45	0.0004	P	2.6
3	☐	50.000	54.136	7733.23	0.0019	P	2.9
4	☐	125.000	128.847	16358.22	0.0039	P	1.3
5	☐	250.000	253.718	30915.10	0.0073	P	3.0
6	☐	500.000	512.557	60187.23	0.0144	P	1.0
7	☐	1000.000	992.104	115989.58	0.0275	P	0.8
8	☐			1478.98	0.0004	P	5.0

$$y = 2.7377\text{E-}005 * x + 3.7095\text{E-}004$$

$$R = 0.9999$$

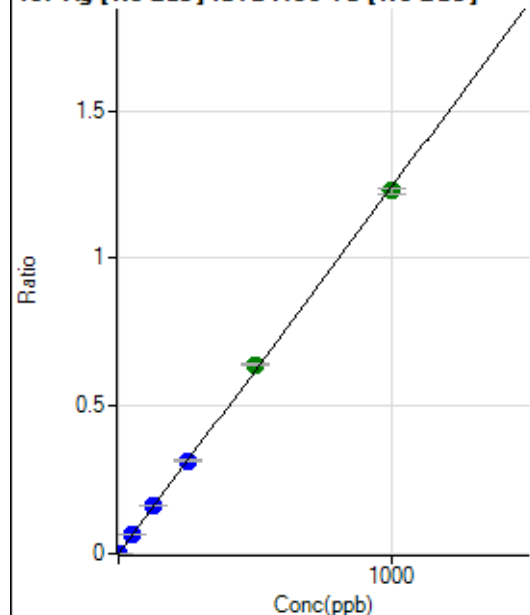
$$DL = 3.195$$

$$BEC = 13.55$$

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	35.56	0.0000	P	22.5
2	☐	1.000	1.059	5503.32	0.0013	P	3.4
3	☐	50.000	53.507	276968.51	0.0664	P	0.8
4	☐	125.000	130.744	680630.46	0.1622	P	0.8
5	☐	250.000	253.277	1327623.28	0.3142	P	2.5
6	☐	500.000	516.542	2677502.56	0.6408	A	1.6
7	☐	1000.000	990.017	5173979.40	1.2281	A	1.4
8	☐			552.24	0.0001	P	10.8

$$y = 0.0012 * x + 8.6891E-006$$

$$R = 0.9998$$

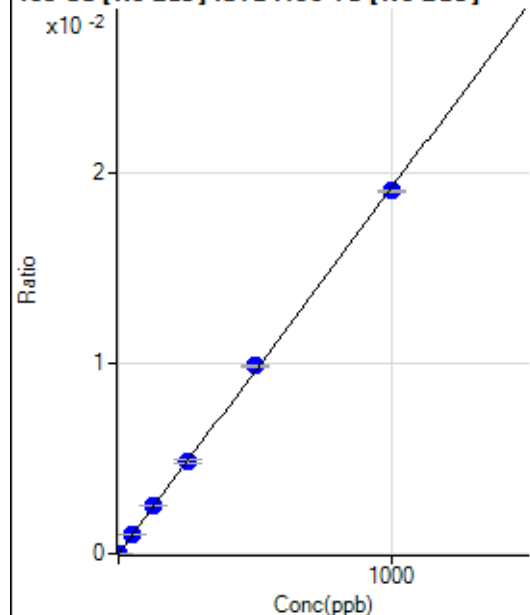
$$DL = 0.004737$$

$$BEC = 0.007004$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.029	83.33	0.0000	P	27.1
3	☐	50.000	52.493	4211.76	0.0010	P	3.7
4	☐	125.000	131.378	10606.19	0.0025	P	3.2
5	☐	250.000	252.960	20554.65	0.0049	P	3.2
6	☐	500.000	512.752	41206.09	0.0099	P	1.0
7	☐	1000.000	991.962	80369.76	0.0191	P	0.8
8	☐			35.56	0.0000	P	42.9

$$y = 1.9231E-005 * x + 2.6646E-007$$

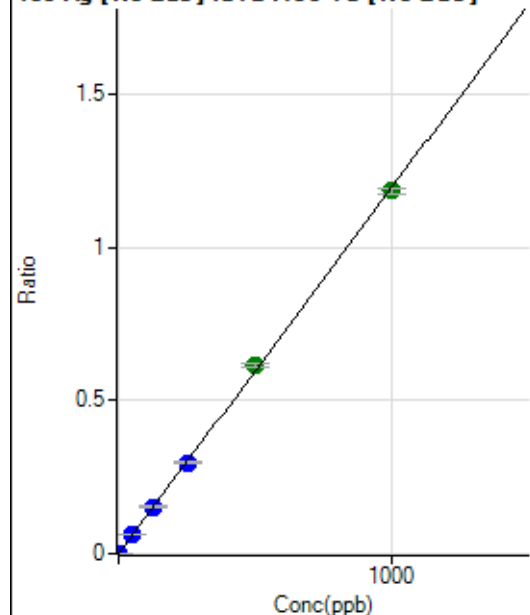
$$R = 0.9999$$

$$DL = 0.072$$

$$BEC = 0.01386$$

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	30.00	0.0000	P	34.8
2	☐	1.000	0.997	4992.01	0.0012	P	0.4
3	☐	50.000	52.584	262432.36	0.0629	P	1.7
4	☐	125.000	128.401	644529.11	0.1536	P	0.8
5	☐	250.000	248.487	1255947.36	0.2972	P	2.4
6	☐	500.000	515.903	2578465.06	0.6171	A	2.4
7	☐	1000.000	991.872	4998303.99	1.1864	A	1.5
8	☐			533.35	0.0001	P	10.9

$$y = 0.0012 * x + 7.3673E-006$$

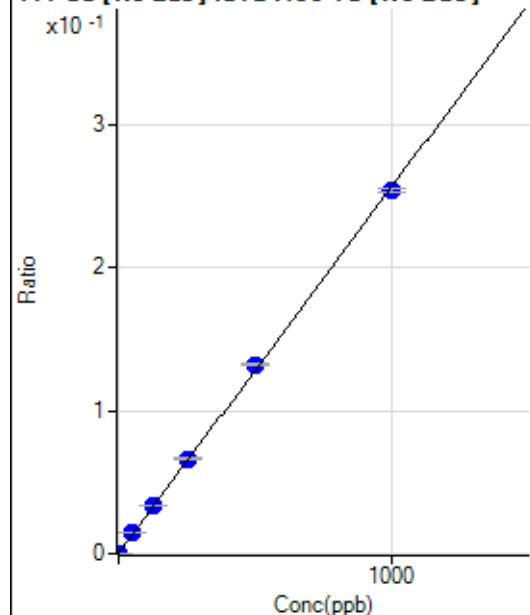
$$R = 0.9998$$

$$DL = 0.006438$$

$$BEC = 0.006159$$

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	1060.84	0.0003	P	7.8
2	☐	1.000	1.149	2307.48	0.0006	P	1.3
3	☐	50.000	54.416	59268.05	0.0142	P	0.6
4	☐	125.000	131.698	142709.84	0.0340	P	1.4
5	☐	250.000	257.350	279769.16	0.0662	P	2.6
6	☐	500.000	514.680	552241.01	0.1322	P	1.2
7	☐	1000.000	989.764	1069715.14	0.2539	P	1.0
8	☐			1148.18	0.0003	P	5.0

$$y = 2.5627E-004 * x + 2.6002E-004$$

$$R = 0.9998$$

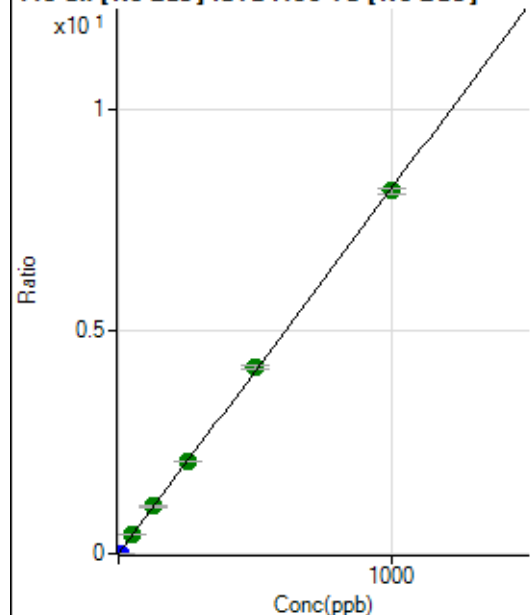
$$DL = 0.2381$$

$$BEC = 1.015$$

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	1053.39	0.0003	P	1.0
2	☐	5.000	0.557	20101.85	0.0048	P	0.0
3	☐	50.000	52.221	1789017.77	0.4289	A	2.1
4	☐	125.000	128.951	4442378.03	1.0586	A	0.4
5	☐	250.000	253.170	8781970.35	2.0781	A	1.7
6	☐	500.000	510.803	17519465.43	4.1927	A	1.2
7	☐	1000.000	993.223	34343146.99	8.1521	A	1.7
8	☐			4180.66	0.0011	P	4.1

$$y = 0.0082 * x + 2.5793E-004$$

$$R = 0.9999$$

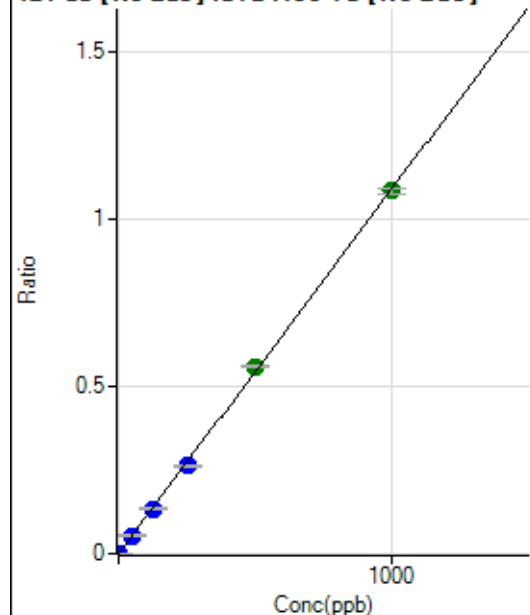
$$DL = 0.0009869$$

$$BEC = 0.03143$$

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	50.00	0.0000	P	13.6
2	☐	2.000	2.032	9258.60	0.0022	P	3.5
3	☐	50.000	50.101	227722.69	0.0546	P	1.5
4	☐	125.000	123.662	565294.01	0.1347	P	0.8
5	☐	250.000	241.846	1113213.52	0.2635	P	2.3
6	☐	500.000	512.634	2333427.45	0.5584	A	1.2
7	☐	1000.000	995.883	4570139.27	1.0848	A	1.7
8	☐			1906.81	0.0005	P	6.1

$$y = 0.0011 * x + 1.2265E-005$$

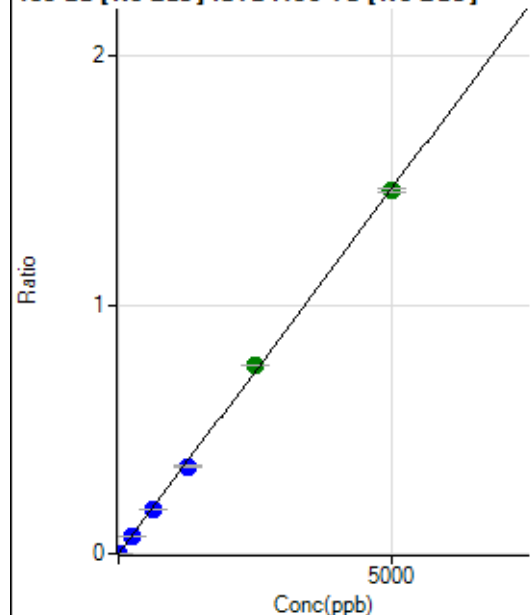
$$R = 0.9998$$

$$DL = 0.004591$$

$$BEC = 0.01126$$

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	34.44	0.0000	P	43.1
2	☐	10.000	9.844	12056.30	0.0029	P	4.4
3	☐	250.000	245.631	300776.52	0.0721	P	1.7
4	☐	625.000	604.513	744525.40	0.1774	P	0.8
5	☐	1250.000	1190.941	1476964.44	0.3495	P	2.3
6	☐	2500.000	2589.178	3175647.00	0.7599	A	0.2
7	☐	5000.000	4972.955	6148858.45	1.4595	A	1.1
8	☐			2093.51	0.0005	P	3.7

$$y = 2.9349\text{E-}004 * x + 8.4086\text{E-}006$$

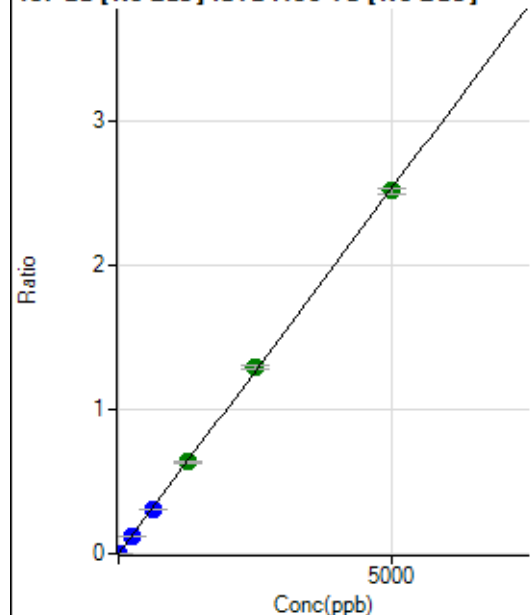
$$R = 0.9997$$

$$DL = 0.03703$$

$$BEC = 0.02865$$

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	75.56	0.0000	P	1.1
2	☐	10.000	9.919	20955.50	0.0050	P	2.2
3	☐	250.000	244.624	516410.80	0.1238	P	1.6
4	☐	625.000	605.053	1284660.62	0.3061	P	0.5
5	☐	1250.000	1258.746	2690977.37	0.6369	A	2.7
6	☐	2500.000	2561.229	5414689.85	1.2959	A	1.5
7	☐	5000.000	4969.961	10593183.31	2.5145	A	1.7
8	☐			3774.99	0.0010	P	3.3

$$y = 5.0594\text{E-}004 * x + 1.8499\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.001223$$

$$BEC = 0.03656$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			1.11		P	173.
3	☐			31.11		P	24.7
4	☐			73.33		P	12.0
5	☐			156.67		P	7.7
6	☐			318.90		P	15.2
7	☐			567.80		P	7.0
8	☐			92.22		P	10.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			8.89		P	21.6
4	☐			17.78		P	57.3
5	☐			40.00		P	16.7
6	☐			83.33		P	17.4
7	☐			133.34		P	0.0
8	☐			38.89		P	32.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	6.6
2	☐			94.45		P	16.7
3	☐			80.00		P	8.3
4	☐			112.23		P	29.9
5	☐			102.22		P	13.6
6	☐			152.22		P	11.0
7	☐			243.34		P	9.0
8	☐			214.45		P	5.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	38.6
2	☐			18.89		P	36.7
3	☐			35.56		P	23.6
4	☐			40.00		P	43.3
5	☐			82.22		P	8.4
6	☐			187.78		P	8.2
7	☐			306.68		P	18.0
8	☐			148.89		P	25.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			14.44		P	58.1
3	☐			14.44		P	53.3
4	☐			22.22		P	22.9
5	☐			27.78		P	25.0
6	☐			68.89		P	12.2
7	☐			128.89		P	1.5
8	☐			136.67		P	16.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	36.7
2	☐			116.67		P	9.9
3	☐			125.56		P	25.8
4	☐			131.12		P	5.3
5	☐			138.89		P	18.6
6	☐			171.11		P	7.4
7	☐			177.78		P	11.3
8	☐			205.56		P	10.4

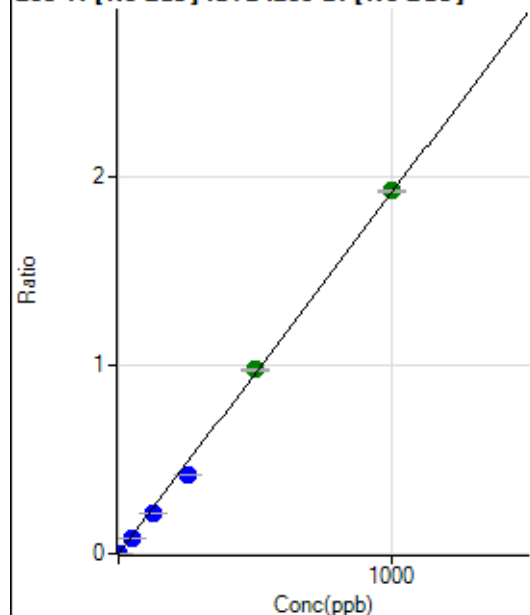
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			13.33		P	50.0
3	☐			21.11		P	18.2
4	☐			31.11		P	6.2
5	☐			52.22		P	43.4
6	☐			64.45		P	24.4
7	☐			107.78		P	9.4
8	☐			170.00		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			12.22		P	15.7
3	☐			8.89		P	57.3
4	☐			26.67		P	12.5
5	☐			30.00		P	0.0
6	☐			55.55		P	6.9
7	☐			88.89		P	32.3
8	☐			113.33		P	15.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	12.3
2	☐	1.000	0.862	4440.77	0.0017	P	2.2
3	☐	50.000	44.210	224639.33	0.0848	P	1.0
4	☐	125.000	110.871	564352.34	0.2125	P	1.1
5	☐	250.000	218.972	1120910.60	0.4197	P	0.7
6	☐	500.000	509.010	2542773.89	0.9755	A	0.8
7	☐	1000.000	1005.308	5023139.09	1.9266	A	0.8
8	☐			392.23	0.0002	P	26.7

$$y = 0.0019 * x + 2.7844E-005$$

$$R = 0.9994$$

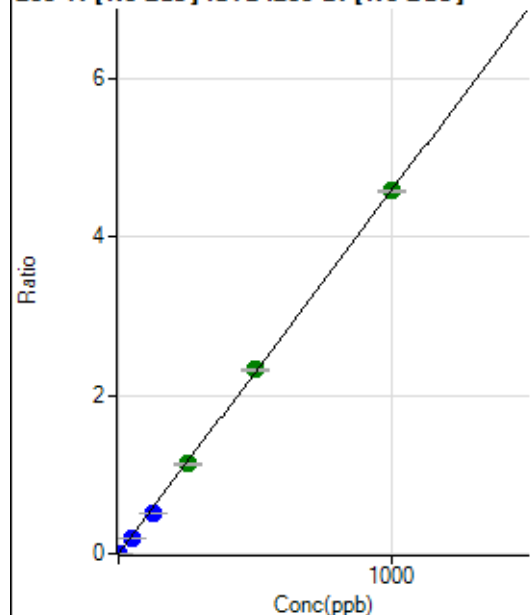
$$DL = 0.005361$$

$$BEC = 0.01453$$

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	140.00	0.0001	P	12.7
2	☐	1.000	0.887	10906.65	0.0041	P	0.6
3	☐	50.000	43.926	534336.71	0.2016	P	0.4
4	☐	125.000	110.314	1344291.07	0.5062	P	1.1
5	☐	250.000	246.576	3021487.45	1.1313	A	2.3
6	☐	500.000	507.753	6072451.72	2.3296	A	1.2
7	☐	1000.000	999.119	11951865.80	4.5840	A	0.5
8	☐			935.60	0.0004	P	10.5

$$y = 0.0046 * x + 5.3921E-005$$

$$R = 0.9998$$

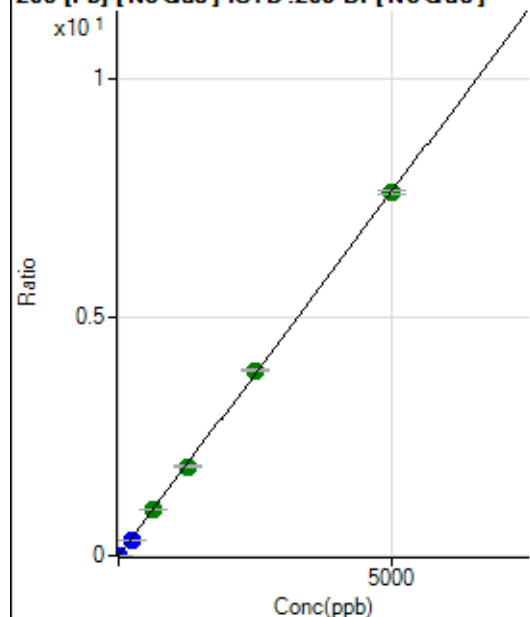
$$DL = 0.004473$$

$$BEC = 0.01175$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0001	P	4.4
2	☐	1.000	0.925	4037.30	0.0015	P	1.4
3	☐	250.000	221.350	896287.15	0.3381	P	0.4
4	☐	625.000	624.453	2532919.29	0.9537	A	0.3
5	☐	1250.000	1228.473	5010762.74	1.8761	A	1.4
6	☐	2500.000	2544.267	10127954.85	3.8854	A	0.9
7	☐	5000.000	4984.749	19846610.68	7.6123	A	0.9
8	☐			3001.55	0.0013	P	15.3

$$y = 0.0015 * x + 1.1472E-004$$

$$R = 0.9999$$

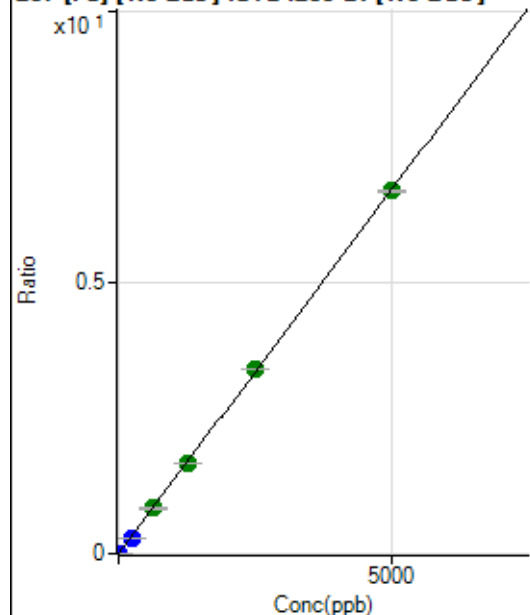
$$DL = 0.009985$$

$$BEC = 0.07513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0001	P	5.6
2	☐	1.000	0.896	3426.02	0.0013	P	3.6
3	☐	250.000	218.889	778493.03	0.2937	P	0.1
4	☐	625.000	622.898	2219114.01	0.8356	A	1.5
5	☐	1250.000	1240.176	4443054.59	1.6635	A	1.6
6	☐	2500.000	2533.588	8858565.98	3.3984	A	0.5
7	☐	5000.000	4987.480	17442125.99	6.6898	A	0.8
8	☐			2792.94	0.0012	P	22.8

$$y = 0.0013 * x + 9.4221E-005$$

$$R = 0.9999$$

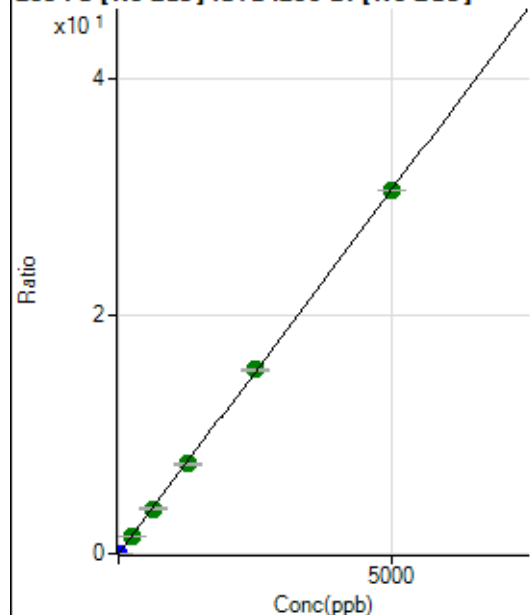
$$DL = 0.01177$$

$$BEC = 0.07025$$

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	1163.36	0.0004	P	4.2
2	☐	1.000	0.909	15879.34	0.0060	P	1.9
3	☐	250.000	235.917	3823966.01	1.4426	A	0.4
4	☐	625.000	619.821	10063924.95	3.7895	A	1.1
5	☐	1250.000	1233.110	20134898.97	7.5385	A	1.0
6	☐	2500.000	2532.327	40353070.51	15.4807	A	1.1
7	☐	5000.000	4989.410	79527037.70	30.5010	A	0.2
8	☐			14266.57	0.0063	P	36.6

$$y = 0.0061 * x + 4.4838E-004$$

$$R = 1.0000$$

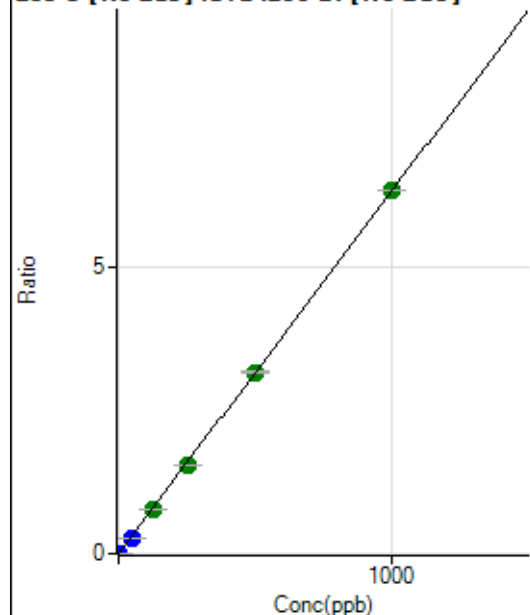
$$DL = 0.009206$$

$$BEC = 0.07335$$

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	41.5
2	☐	1.000	0.837	13964.05	0.0053	P	1.7
3	☐	50.000	41.628	695308.67	0.2623	P	0.4
4	☐	125.000	120.945	2023899.99	0.7621	A	1.0
5	☐	250.000	244.110	4108373.44	1.5381	A	0.6
6	☐	500.000	501.607	8238799.81	3.1606	A	0.3
7	☐	1000.000	1001.595	16455245.17	6.3110	A	0.2
8	☐			1124.56	0.0005	P	92.7

$$y = 0.0063 * x + 9.4200E-006$$

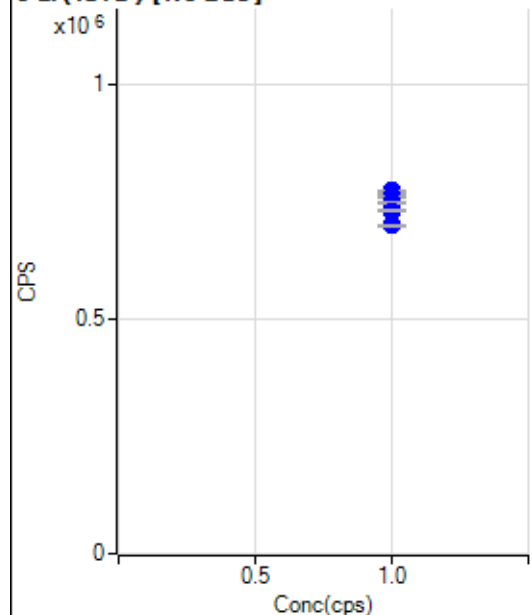
$$R = 1.0000$$

$$DL = 0.001862$$

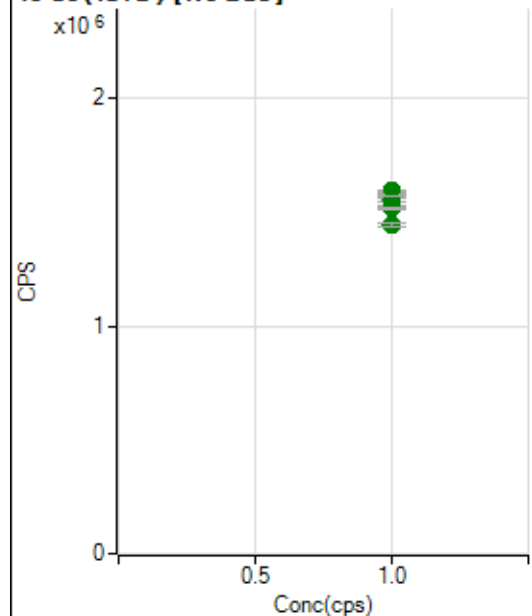
$$BEC = 0.001495$$

Weight: <None>

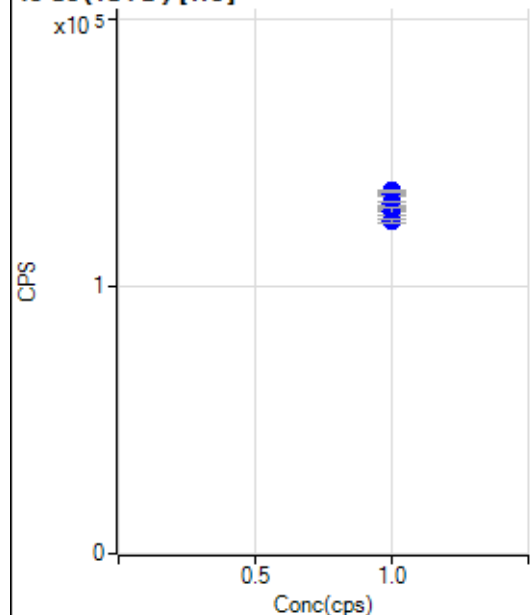
Min Conc: 0

6 Li (ISTD) [No Gas]

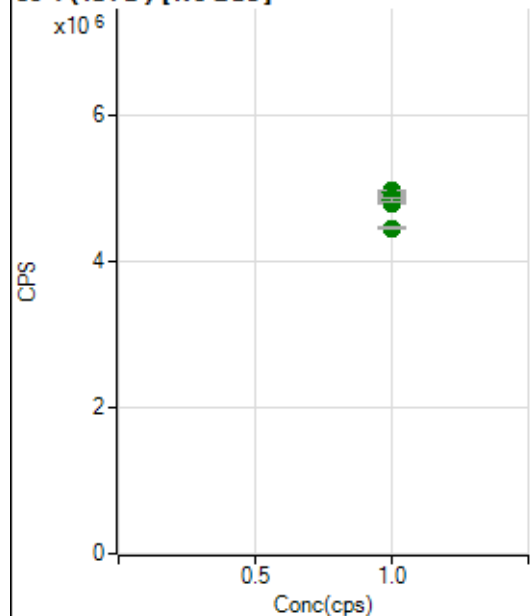
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		764455.71		P	1.4
2	☐	1.000		769715.68		P	0.5
3	☐	1.000		774034.09		P	0.3
4	☐	1.000		772742.11		P	0.7
5	☐	1.000		761579.11		P	0.3
6	☐	1.000		748959.81		P	0.1
7	☐	1.000		731291.27		P	0.3
8	☐	1.000		699669.16		P	1.0

45 Sc (ISTD) [No Gas]

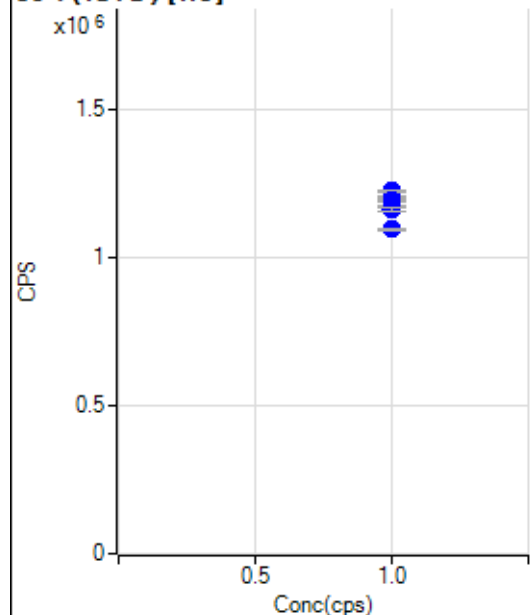
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1568741.68		A	0.8
2	☐	1.000		1583565.15		A	1.3
3	☐	1.000		1594280.72		A	0.6
4	☐	1.000		1579260.00		A	0.6
5	☐	1.000		1558627.11		A	1.2
6	☐	1.000		1526746.58		A	0.7
7	☐	1.000		1517563.71		A	0.4
8	☐	1.000		1448080.47		A	1.1

45 Sc (ISTD) [He]

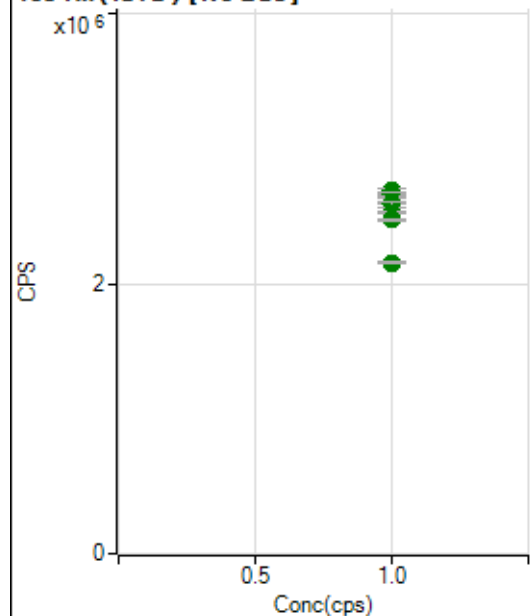
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		134846.38		P	0.6
2	☐	1.000		134386.83		P	1.3
3	☐	1.000		135700.89		P	0.2
4	☐	1.000		131488.58		P	0.2
5	☐	1.000		130633.48		P	1.1
6	☐	1.000		128315.44		P	0.4
7	☐	1.000		128052.88		P	1.7
8	☐	1.000		124217.94		P	1.0

89 Y (ISTD) [No Gas]

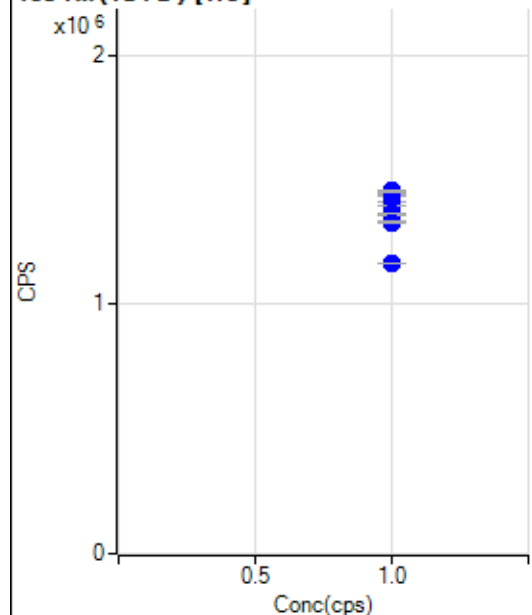
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4856881.94		A	1.6
2	☐	1.000		4965159.82		A	0.4
3	☐	1.000		4912047.91		A	1.0
4	☐	1.000		4950933.61		A	0.9
5	☐	1.000		4863592.95		A	1.3
6	☐	1.000		4800955.20		A	0.2
7	☐	1.000		4840791.91		A	0.8
8	☐	1.000		4456874.38		A	0.9

89 Y(ISTD) [He]

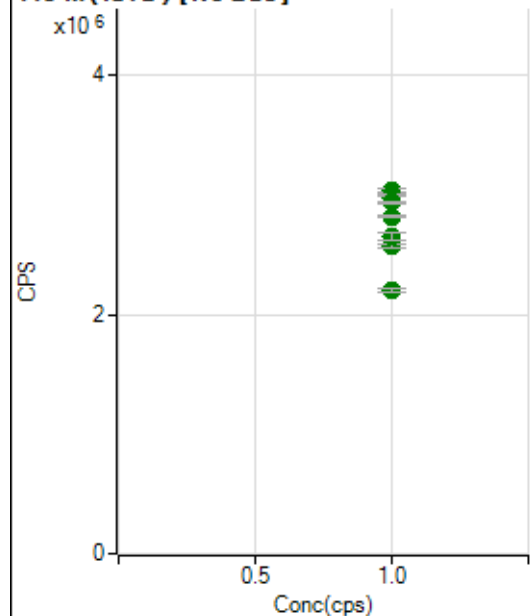
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1201843.82		P	0.3
2	☐	1.000		1207394.10		P	0.4
3	☐	1.000		1227325.75		P	0.5
4	☐	1.000		1193839.46		P	0.3
5	☐	1.000		1191666.38		P	0.2
6	☐	1.000		1176398.49		P	0.2
7	☐	1.000		1164861.11		P	0.8
8	☐	1.000		1096402.18		P	0.3

103 Rh(ISTD) [No Gas]

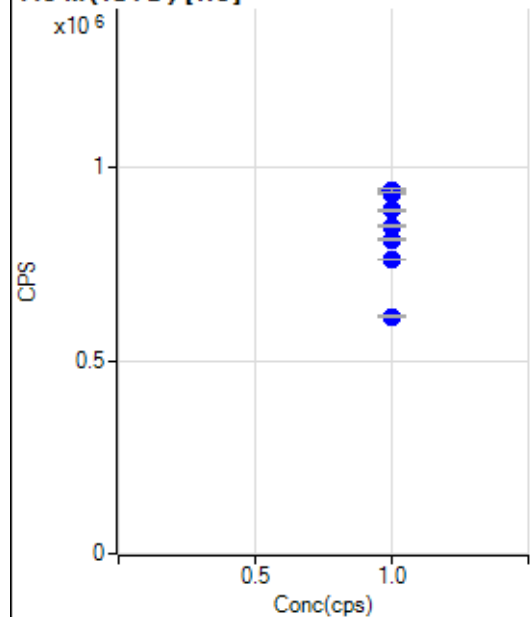
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2637586.64		A	2.4
2	☐	1.000		2686817.88		A	1.0
3	☐	1.000		2662424.42		A	0.8
4	☐	1.000		2610216.38		A	1.8
5	☐	1.000		2587951.77		A	1.4
6	☐	1.000		2527170.08		A	0.9
7	☐	1.000		2474774.86		A	0.5
8	☐	1.000		2156773.84		A	1.1

103 Rh (ISTD) [He]

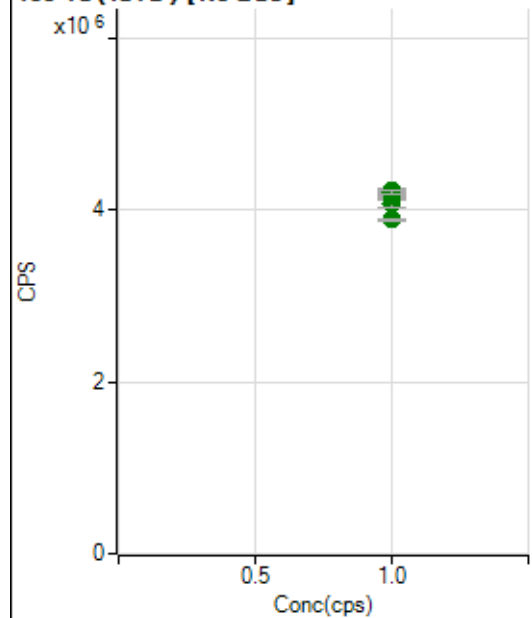
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1440777.65		P	0.5
2	☐	1.000		1447994.08		P	0.1
3	☐	1.000		1456721.80		P	0.8
4	☐	1.000		1414607.88		P	0.2
5	☐	1.000		1398057.84		P	0.4
6	☐	1.000		1364195.60		P	0.6
7	☐	1.000		1331453.49		P	0.7
8	☐	1.000		1165052.23		P	0.4

115 In (ISTD) [No Gas]

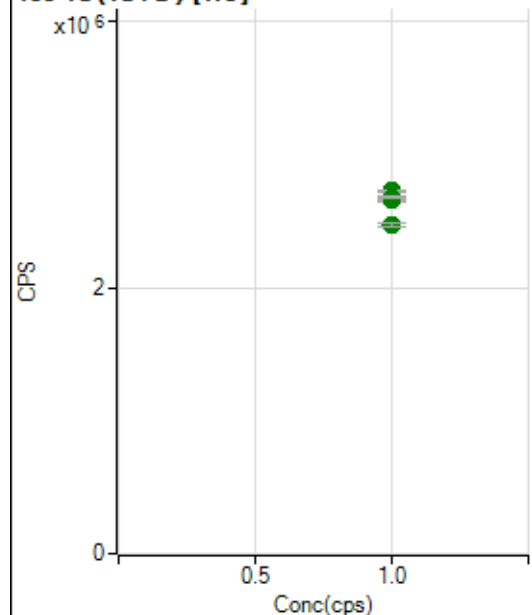
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2975046.85		A	1.9
2	☐	1.000		3032499.32		A	1.2
3	☐	1.000		3001606.87		A	0.3
4	☐	1.000		2935372.01		A	0.6
5	☐	1.000		2818584.37		A	0.7
6	☐	1.000		2570520.06		A	1.7
7	☐	1.000		2201257.23		A	1.7
8	☐	1.000		2658636.70		A	2.4

115 In (ISTD) [He]

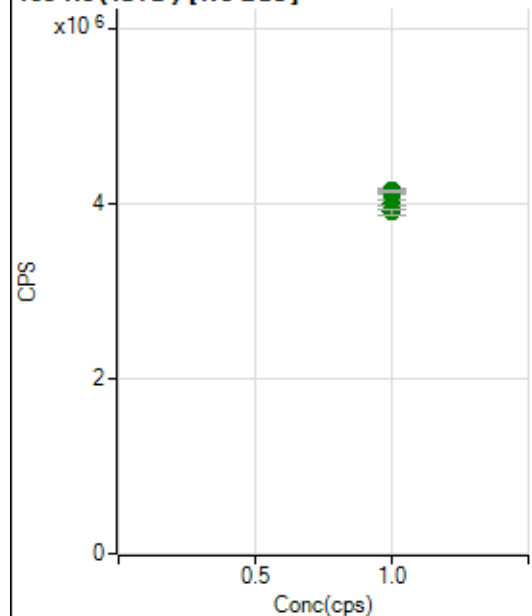
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		934655.35		P	0.1
2	☐	1.000		938969.72		P	0.4
3	☐	1.000		940597.01		P	1.0
4	☐	1.000		891822.37		P	0.5
5	☐	1.000		848017.74		P	0.6
6	☐	1.000		762230.80		P	0.3
7	☐	1.000		614745.39		P	1.1
8	☐	1.000		814453.09		P	0.2

159 Tb (ISTD) [No Gas]

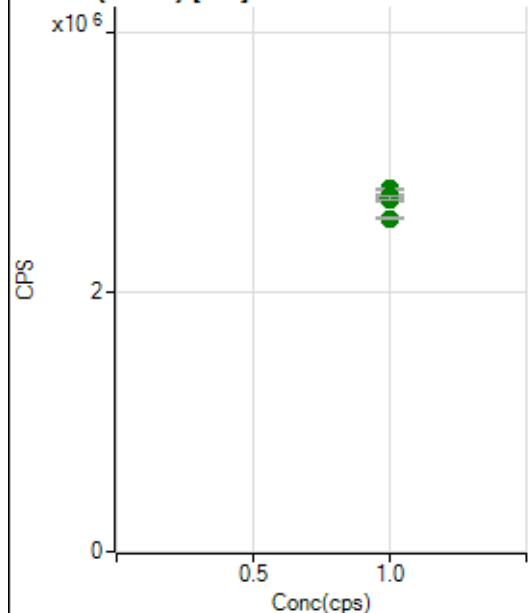
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4084266.54		A	2.1
2	☐	1.000		4161070.74		A	0.9
3	☐	1.000		4172412.06		A	1.5
4	☐	1.000		4196502.96		A	1.3
5	☐	1.000		4226715.14		A	1.9
6	☐	1.000		4178921.43		A	1.0
7	☐	1.000		4213101.81		A	0.6
8	☐	1.000		3888572.68		A	1.0

159 Tb (ISTD) [He]

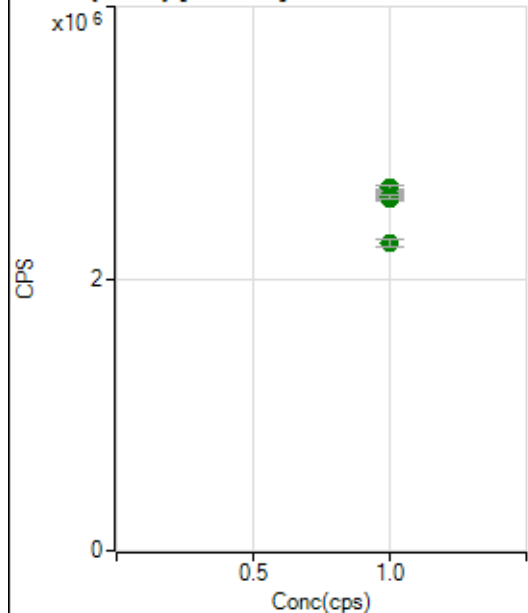
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2653997.46		A	0.7
2	☐	1.000		2681799.96		A	0.3
3	☐	1.000		2727002.49		A	0.8
4	☐	1.000		2672286.28		A	0.4
5	☐	1.000		2681123.97		A	0.7
6	☐	1.000		2670339.75		A	0.6
7	☐	1.000		2675860.13		A	0.6
8	☐	1.000		2473103.66		A	0.9

165 Ho (ISTD) [No Gas]

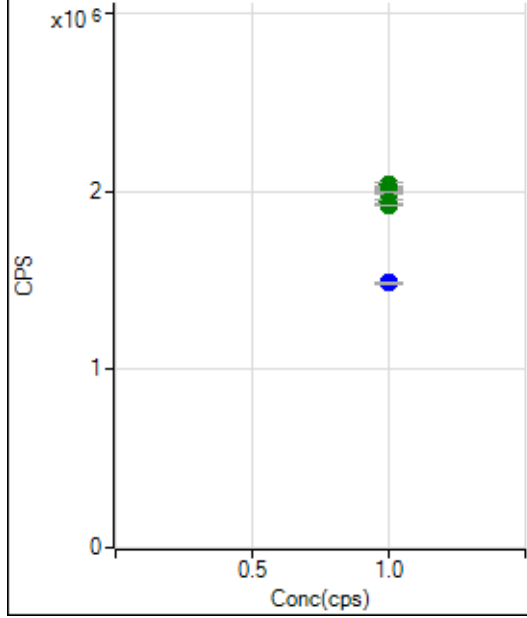
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3999925.71		A	1.7
2	☐	1.000		4120581.78		A	0.4
3	☐	1.000		4106869.14		A	0.1
4	☐	1.000		4142269.07		A	1.8
5	☐	1.000		4134624.87		A	0.8
6	☐	1.000		4135603.44		A	0.7
7	☐	1.000		4135082.37		A	0.7
8	☐	1.000		3903600.32		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2712366.17		A	0.7
2	☐	1.000		2722291.66		A	1.4
3	☐	1.000		2797469.82		A	0.7
4	☐	1.000		2728404.58		A	0.7
5	☐	1.000		2741106.90		A	1.3
6	☐	1.000		2739835.97		A	0.7
7	☐	1.000		2725087.58		A	1.4
8	☐	1.000		2568701.07		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2595207.79		A	0.9
2	☐	1.000		2644039.69		A	0.3
3	☐	1.000		2650727.74		A	0.8
4	☐	1.000		2655895.62		A	0.6
5	☐	1.000		2671163.17		A	1.3
6	☐	1.000		2606760.97		A	0.9
7	☐	1.000		2607392.69		A	1.3
8	☐	1.000		2269535.32		A	2.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2006697.23		A	0.5
2	☐	1.000		2000362.59		A	1.8
3	☐	1.000		2037395.31		A	1.0
4	☐	1.000		2017047.92		A	0.4
5	☐	1.000		1996948.58		A	0.5
6	☐	1.000		1944808.41		A	0.7
7	☐	1.000		1920353.08		A	0.1
8	☐	1.000		1486349.77		P	0.3