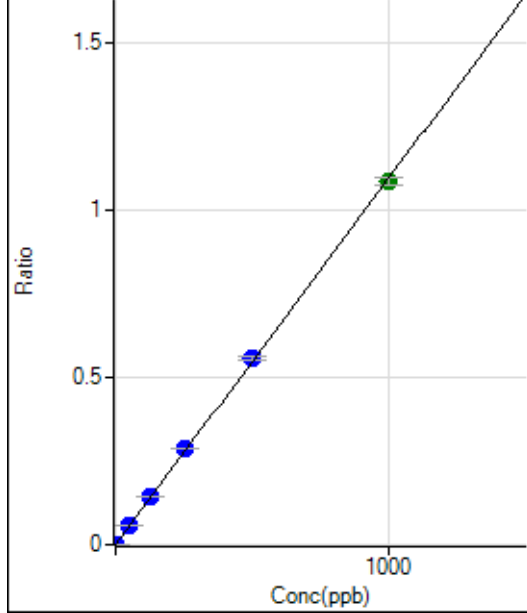


Calibration for 016ICSB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110224 MS.b\
 Analysis File: P7110224 MS.batch.bin
 DA Date-Time: 2024-11-03 14:10:40
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-02 17:41:38
2	006CALS.d	S02	2024-11-02 17:48:10
3	007CALS.d	S03	2024-11-02 17:51:25
4	008CALS.d	S04	2024-11-02 17:54:26
5	009CALS.d	S05	2024-11-02 17:57:16
6	010CALS.d	S06	2024-11-02 18:00:04
7	011CALS.d	S07	2024-11-02 18:02:47
8	012CALS.d	S08	2024-11-02 18:05:33

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81.48	0.0001	P	35.0
2	☐	1.000	0.969	1572.33	0.0011	P	2.8
3	☐	50.000	53.691	82849.24	0.0588	P	2.0
4	☐	125.000	132.563	205241.95	0.1451	P	0.7
5	☐	250.000	261.871	408213.21	0.2865	P	0.8
6	☐	500.000	510.086	799774.54	0.5580	P	1.7
7	☐	1000.000	990.859	1542042.90	1.0839	A	2.3
8	☐			220.38	0.0002	P	2.4

$$y = 0.0011 * x + 5.7197E-005$$

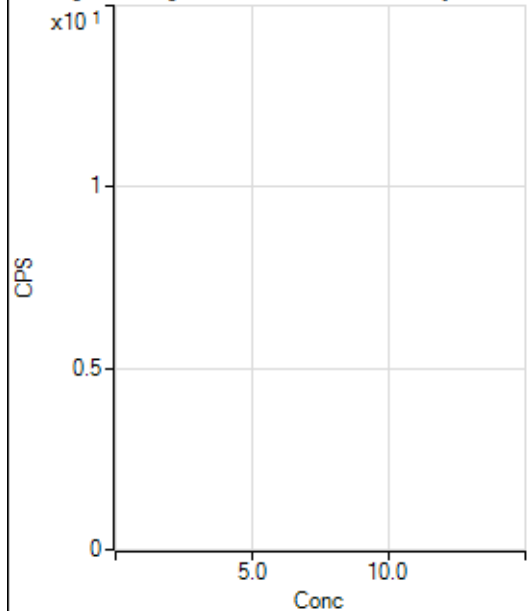
$$R = 0.9998$$

$$DL = 0.0549$$

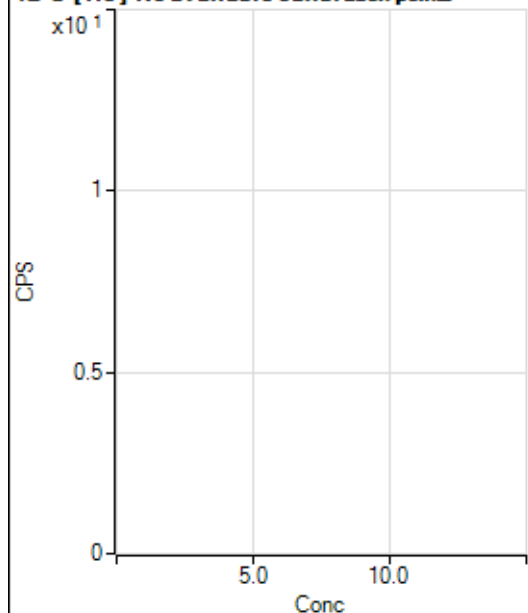
$$BEC = 0.05229$$

Weight: <None>

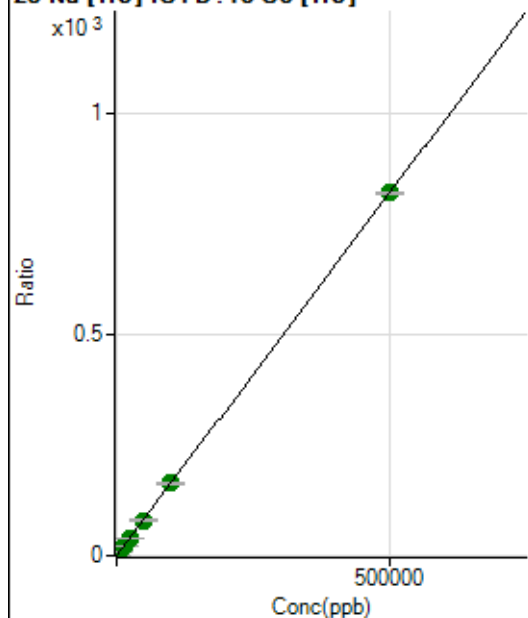
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj 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	26365.94	0.0663	P	8.7
2	☐	500.000	477.810	348067.29	0.8507	P	0.2
3	☐	5000.000	4994.381	3417814.98	8.2656	A	0.8
4	☐	12500.000	12390.637	8317753.00	20.4080	A	0.7
5	☐	25000.000	24888.738	16503516.00	40.9260	A	0.1
6	☐	50000.000	48894.137	32481911.18	80.3355	A	1.8
7	☐	100000.00	99687.082	65240103.47	163.7220	A	1.0
8	☐	500000.00	500181.54	335412937.2	821.2115	A	0.5

$$y = 0.0016 * x + 0.0663$$

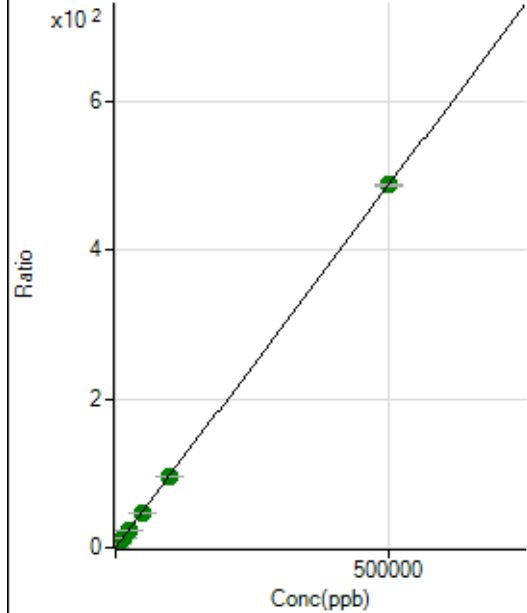
$$R = 1.0000$$

$$DL = 10.56$$

$$BEC = 40.4$$

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	2027.93	0.0051	P	4.4
2	☐	500.000	503.064	202290.95	0.4944	P	0.5
3	☐	5000.000	4944.283	1990889.21	4.8145	A	0.8
4	☐	12500.000	12364.293	4903979.30	12.0322	A	0.5
5	☐	25000.000	24721.757	9699447.56	24.0527	A	0.8
6	☐	50000.000	48137.372	18935034.02	46.8297	A	1.7
7	☐	100000.00	98012.686	37993877.77	95.3449	A	0.6
8	☐	500000.00	500601.58	198890201.4	486.9548	A	0.8

$$y = 9.7273\text{E-}004 * x + 0.0051$$

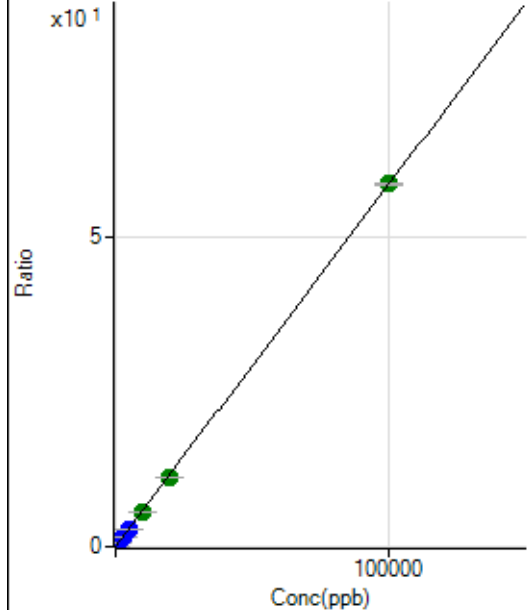
$$R = 1.0000$$

$$DL = 0.6892$$

$$BEC = 5.228$$

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	488.90	0.0012	P	4.9
2	☐	20.000	17.802	4751.89	0.0116	P	2.8
3	☐	1000.000	994.072	240372.36	0.5813	P	0.5
4	☐	2500.000	2470.975	588194.05	1.4432	P	0.9
5	☐	5000.000	4947.151	1164649.04	2.8882	P	0.3
6	☐	10000.000	9578.825	2260724.17	5.5910	A	1.7
7	☐	20000.000	19137.132	4450562.05	11.1688	A	1.0
8	☐	100000.00	100218.11	23887246.87	58.4842	A	0.4

$$y = 5.8356\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

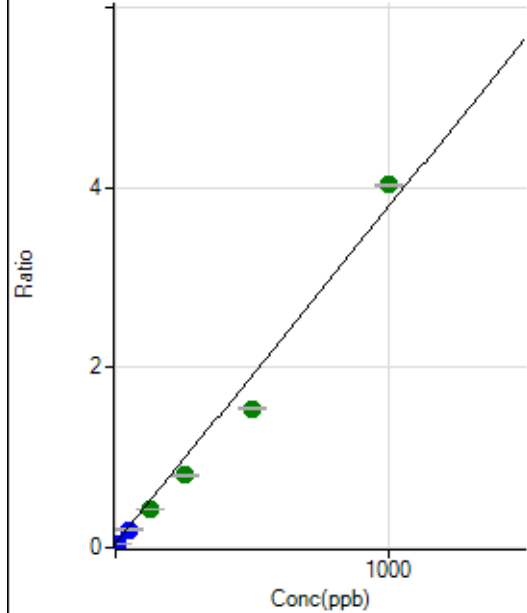
$$DL = 0.3123$$

$$BEC = 2.103$$

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	217138.83	0.0453	P	1.6
2	☐	10.000	1.369	239875.98	0.0504	P	1.5
3	☐	50.000	41.963	966535.56	0.2025	P	1.5
4	☐	125.000	102.320	2007452.54	0.4286	A	1.0
5	☐	250.000	203.100	3675725.64	0.8061	A	1.2
6	☐	500.000	400.150	6864064.55	1.5442	A	1.0
7	☐	1000.000	1064.973	17951426.82	4.0344	A	0.7
8	☐			280164.02	0.0629	P	1.8

$$y = 0.0037 * x + 0.0453$$

$$R = 0.9923$$

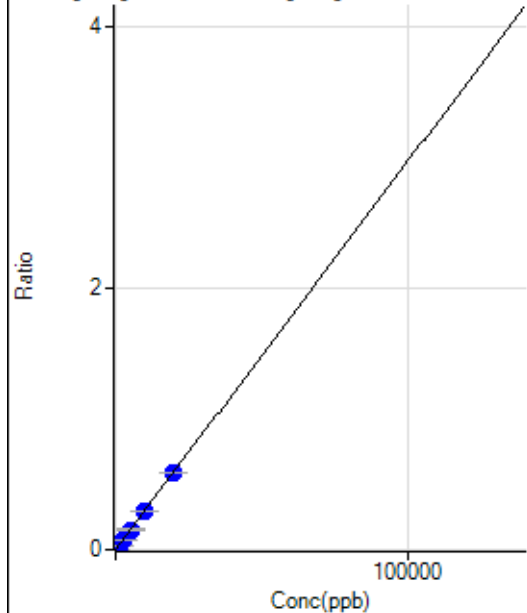
$$DL = 0.5908$$

$$BEC = 12.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.426	208.89	0.0005	P	12.4
2	☐	0.000	15.426	586.68	0.0014	P	10.8
3	☐	1000.000	1038.220	13122.39	0.0317	P	0.5
4	☐	2500.000	2564.640	31363.23	0.0770	P	1.8
5	☐	5000.000	5153.548	61958.06	0.1536	P	1.0
6	☐	10000.000	9995.115	120108.67	0.2971	P	2.2
7	☐	20000.000	19954.064	235943.43	0.5921	P	0.8
8	☐			234.45	0.0006	P	7.2

$$y = 2.9624E-005 * x + 9.7749E-004$$

$$R = 1.0000$$

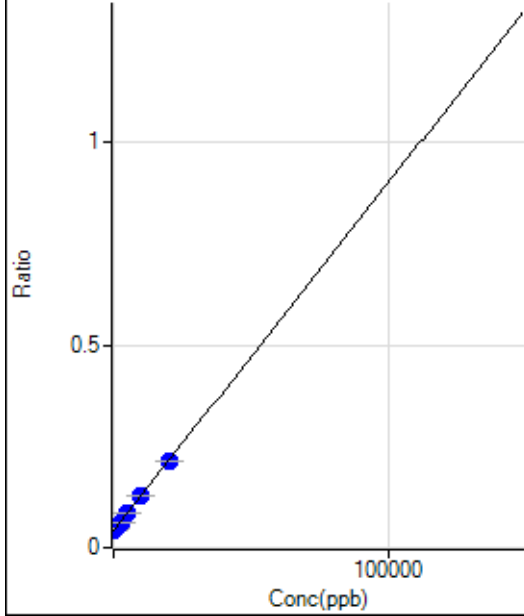
$$DL = 11.08$$

$$BEC = 33$$

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	9.689	201620.04	0.0421	P	1.6
2	☐	0.000	-9.689	199290.22	0.0419	P	2.2
3	☐	1000.000	872.291	236237.45	0.0495	P	0.7
4	☐	2500.000	2227.534	286342.50	0.0611	P	1.7
5	☐	5000.000	4846.578	381391.21	0.0836	P	1.5
6	☐	10000.000	10057.398	570817.01	0.1284	P	0.8
7	☐	20000.000	20050.100	953439.74	0.2143	P	0.6
8	☐			162896.22	0.0366	P	1.8

$$y = 8.5922\text{E-}006 * x + 0.0420$$

$$R = 0.9999$$

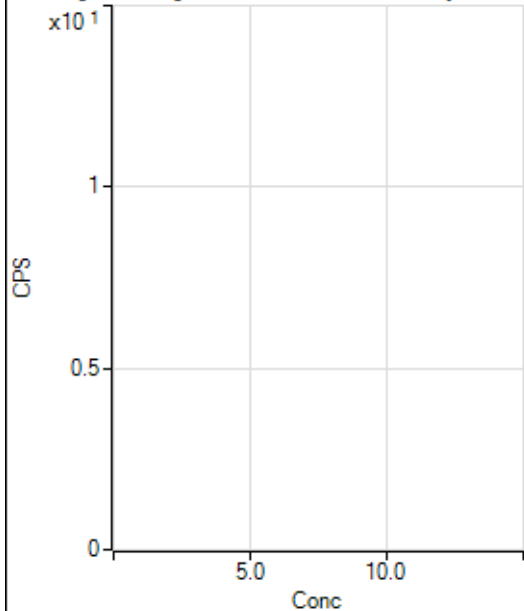
$$DL = 281.3$$

$$BEC = 4888$$

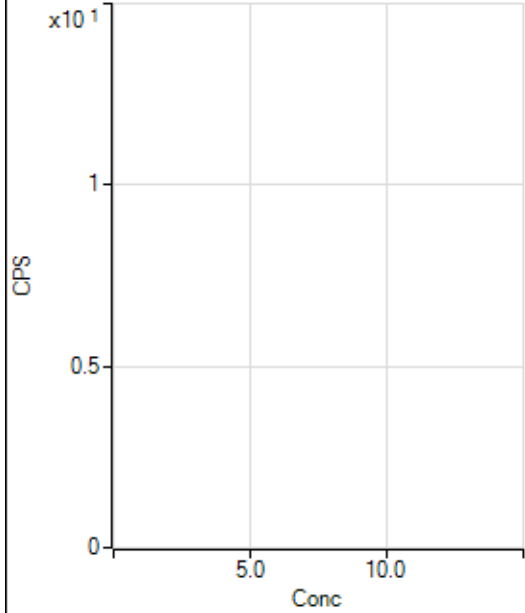
Weight: <None>

Min Conc: 0

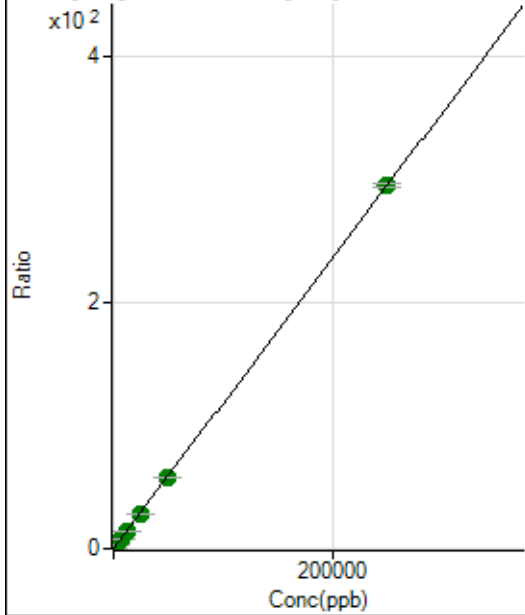
35 Cl [No Gas] No available calibration points



	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	51892.49	0.1304	P	7.0
2	☐	500.000	480.603	284704.17	0.6959	P	0.3
3	☐	2500.000	2509.461	1274763.26	3.0829	A	0.3
4	☐	6250.000	6190.181	3021510.41	7.4134	A	1.5
5	☐	12500.000	12390.240	5930977.69	14.7080	A	0.4
6	☐	25000.000	24059.230	11497131.35	28.4369	A	2.2
7	☐	50000.000	48953.583	23003678.82	57.7260	A	0.4
8	☐	250000.00	250310.28	120337483.7	294.6289	A	0.9

$$y = 0.0012 * x + 0.1304$$

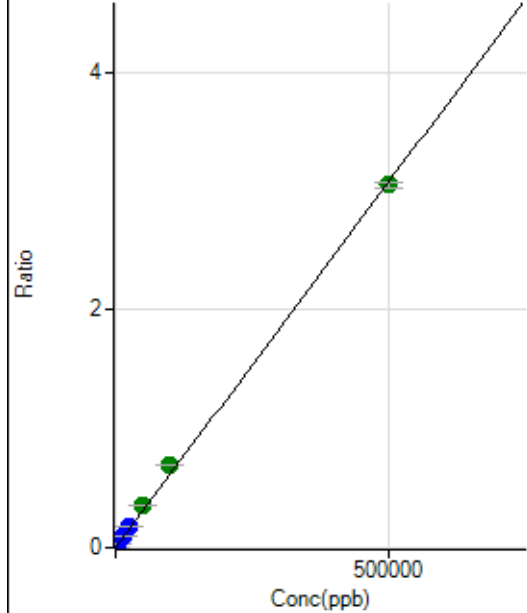
$$R = 1.0000$$

$$DL = 23.33$$

$$BEC = 110.8$$

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	427.79	0.0001	P	7.6
2	☐	500.000	485.227	14602.68	0.0031	P	1.5
3	☐	5000.000	5970.557	175515.94	0.0368	P	1.6
4	☐	12500.000	14826.679	427097.38	0.0912	P	1.4
5	☐	25000.000	29863.214	837076.73	0.1836	P	1.5
6	☐	50000.000	57230.163	1563442.91	0.3517	A	0.9
7	☐	100000.00	112801.98	3084349.12	0.6932	A	0.3
8	☐	500000.00	496405.56	13591056.19	3.0500	A	1.4

$$y = 6.1441\text{E-}006 * x + 8.9293\text{E-}005$$

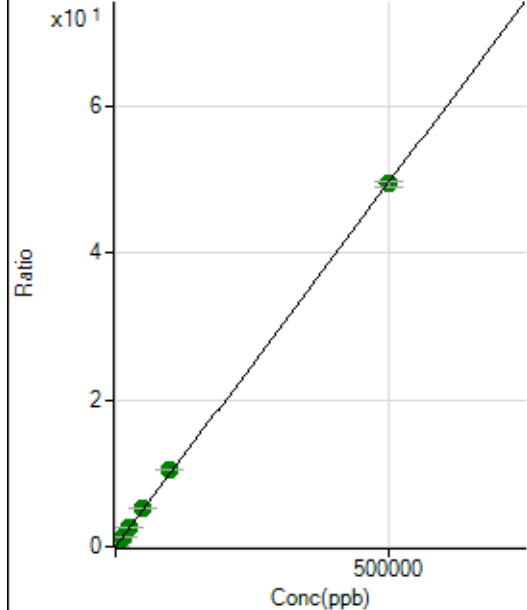
$$R = 0.9996$$

$$DL = 3.305$$

$$BEC = 14.53$$

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	14508.76	0.0030	P	1.3
2	☐	500.000	485.329	243316.51	0.0512	P	1.8
3	☐	5000.000	5344.254	2544812.62	0.5332	A	1.2
4	☐	12500.000	13154.335	6126089.49	1.3079	A	1.0
5	☐	25000.000	26616.766	12054218.99	2.6433	A	0.6
6	☐	50000.000	52912.494	23344669.37	5.2517	A	1.0
7	☐	100000.00	104913.18	46320434.31	10.4099	A	0.8
8	☐	500000.00	498625.48	220415023.3	49.4642	A	1.5

$$y = 9.9195\text{E-}005 * x + 0.0030$$

$$R = 0.9999$$

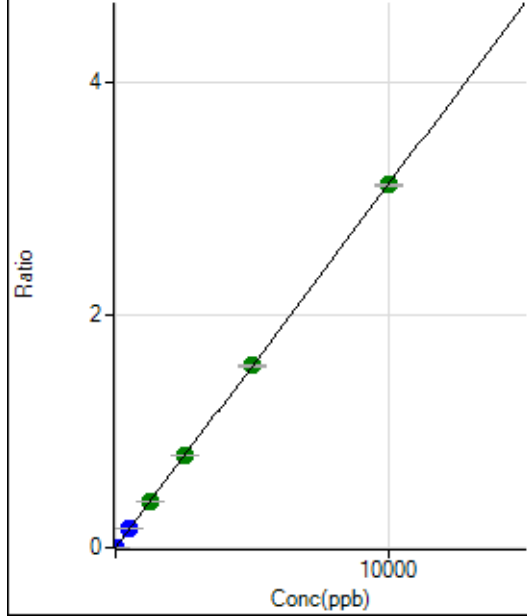
$$DL = 1.182$$

$$BEC = 30.53$$

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	213.34	0.0000	P	18.6
2	☐	5.000	4.279	6562.58	0.0014	P	2.3
3	☐	500.000	511.600	762253.45	0.1597	P	1.7
4	☐	1250.000	1254.476	1833938.98	0.3915	A	1.1
5	☐	2500.000	2532.643	3604301.34	0.7904	A	1.5
6	☐	5000.000	5017.276	6960327.47	1.5658	A	1.2
7	☐	10000.000	9982.062	13861493.96	3.1152	A	0.8
8	☐			1922.36	0.0004	P	7.5

$$y = 3.1208\text{E-}004 * x + 4.4580\text{E-}005$$

$$R = 1.0000$$

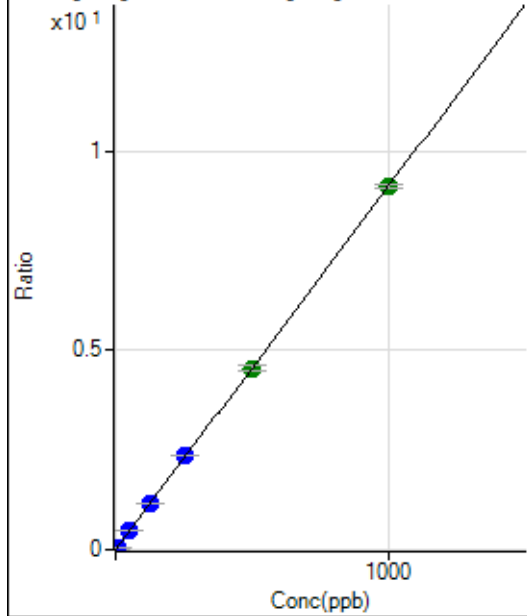
$$DL = 0.07953$$

$$BEC = 0.1429$$

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	31.11	0.0001	P	41.5
2	☐	5.000	4.887	18281.17	0.0447	P	1.4
3	☐	50.000	51.882	195837.98	0.4736	P	1.3
4	☐	125.000	128.357	477536.59	1.1717	P	0.6
5	☐	250.000	257.331	947198.33	2.3489	P	0.4
6	☐	500.000	499.510	1843265.54	4.5594	A	2.7
7	☐	1000.000	997.899	3629549.43	9.1085	A	1.2
8	☐			827.81	0.0020	P	5.4

$$y = 0.0091 * x + 7.7698\text{E-}005$$

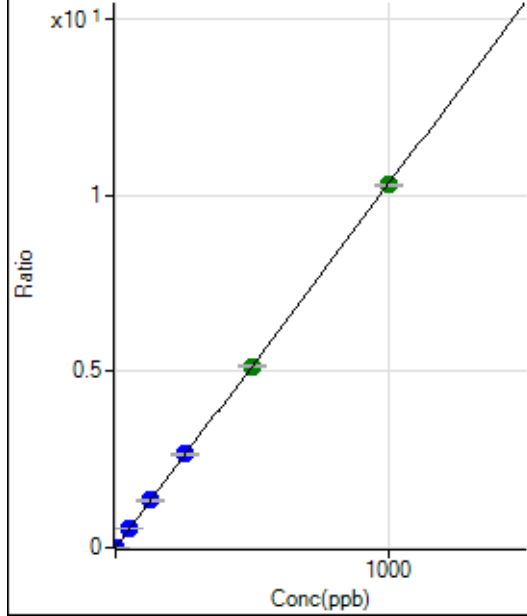
$$R = 1.0000$$

$$DL = 0.01059$$

$$BEC = 0.008512$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.02	0.0015	P	3.5
2	☐	2.000	1.922	8714.80	0.0213	P	0.7
3	☐	50.000	52.202	223472.91	0.5404	P	1.1
4	☐	125.000	129.511	545604.09	1.3387	P	0.5
5	☐	250.000	256.913	1070275.45	2.6541	P	0.4
6	☐	500.000	499.668	2086512.69	5.1605	A	2.0
7	☐	1000.000	997.764	4105796.36	10.3034	A	0.5
8	☐			13394.23	0.0328	P	0.1

$$y = 0.0103 * x + 0.0015$$

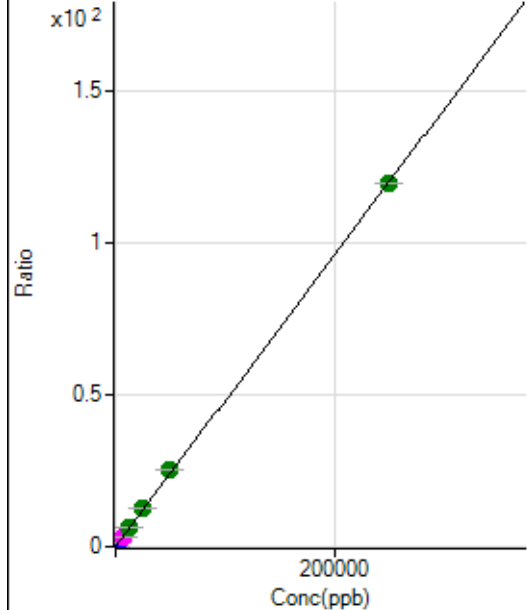
$$R = 1.0000$$

$$DL = 0.01464$$

$$BEC = 0.1407$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1973.48	0.0050	P	11.4
2	☐	50.000	53.303	12475.24	0.0305	P	0.6
3	☐	2500.000	2795.015	555573.46	1.3436	P	0.5
4	☐	6250.000	6887.947	1346526.53	3.3038	M	2.6
5	☐	12500.000	13508.267	2610809.37	6.4746	A	0.9
6	☐	25000.000	26277.616	5090447.22	12.5903	A	2.0
7	☐	50000.000	52611.807	10043115.33	25.2026	A	0.8
8	☐	250000.00	249280.56	48765413.72	119.3944	A	0.1

$$y = 4.7894E-004 * x + 0.0050$$

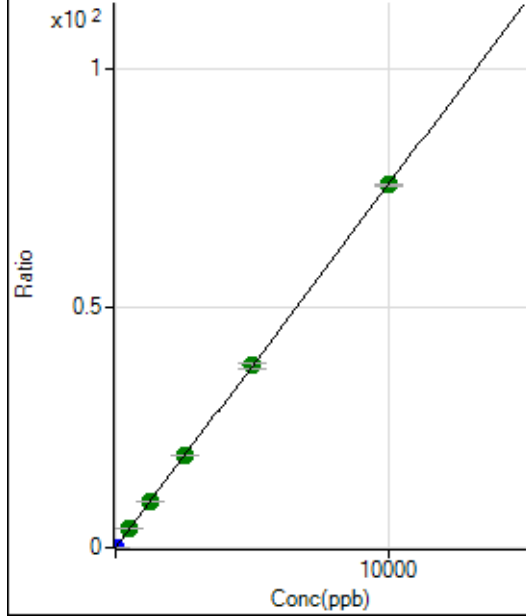
$$R = 0.9999$$

$$DL = 3.556$$

$$BEC = 10.36$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	434.45	0.0011	P	10.8
2	☐	1.000	0.975	3472.66	0.0085	P	3.4
3	☐	500.000	515.910	1618864.94	3.9155	A	3.0
4	☐	1250.000	1269.299	3925596.61	9.6317	A	0.5
5	☐	2500.000	2540.541	7773493.36	19.2771	A	1.0
6	☐	5000.000	5002.724	15346379.08	37.9586	A	2.4
7	☐	10000.000	9985.295	30190555.38	75.7631	A	0.8
8	☐			14671.01	0.0359	P	4.7

$$y = 0.0076 * x + 0.0011$$

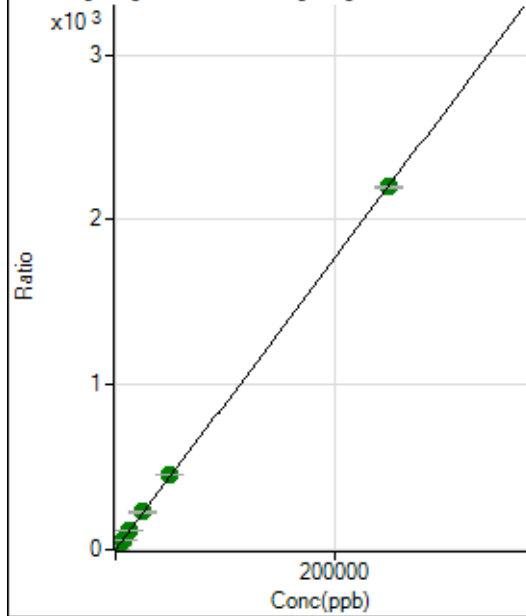
$$R = 1.0000$$

$$DL = 0.04664$$

$$BEC = 0.1435$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18230.01	0.0458	P	5.1
2	☐	50.000	51.154	203048.51	0.4963	P	1.0
3	☐	2500.000	2658.663	9701116.31	23.4618	A	0.9
4	☐	6250.000	6577.142	23628441.04	57.9737	A	0.3
5	☐	12500.000	13098.666	46539750.42	115.4118	A	0.2
6	☐	25000.000	25812.266	91934679.74	227.3863	A	2.1
7	☐	50000.000	51465.053	180643697.3	453.3223	A	0.8
8	☐	250000.00	249586.06	897853995.5	2,198.265	A	0.7

$$y = 0.0088 * x + 0.0458$$

$$R = 1.0000$$

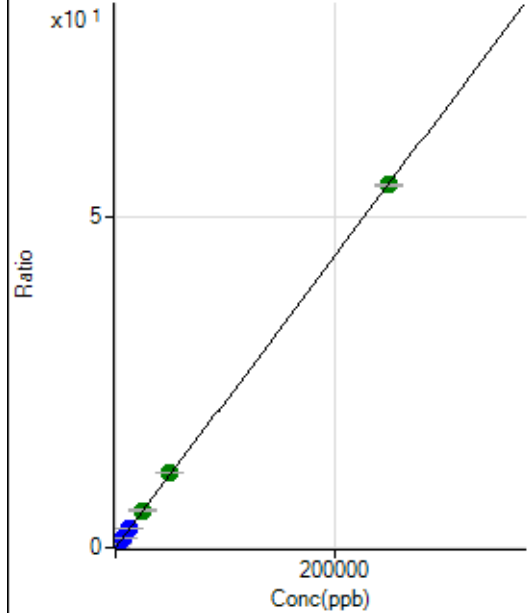
$$DL = 0.8018$$

$$BEC = 5.196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1466.75	0.0037	P	3.9
2	☐	50.000	51.424	6137.98	0.0150	P	1.0
3	☐	2500.000	2749.160	251823.36	0.6090	P	1.2
4	☐	6250.000	6809.364	612606.00	1.5031	P	0.6
5	☐	12500.000	13584.489	1207691.73	2.9949	P	0.5
6	☐	25000.000	25731.790	2292402.29	5.6697	A	1.9
7	☐	50000.000	51342.265	4506647.16	11.3090	A	0.5
8	☐	250000.00	249587.66	22448500.50	54.9618	A	0.7

$$y = 2.2020\text{E-}004 * x + 0.0037$$

$$R = 1.0000$$

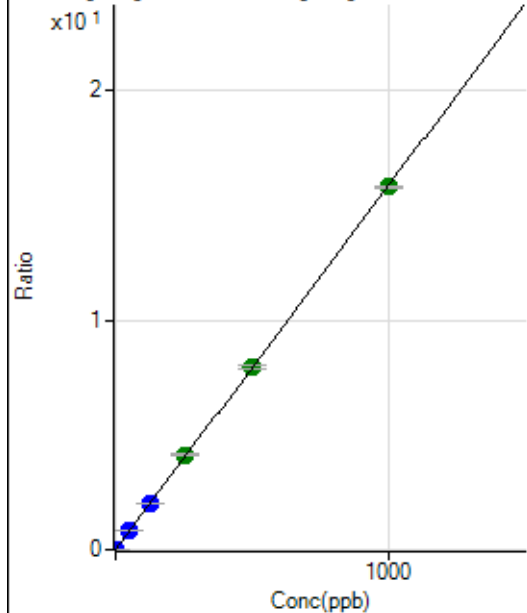
$$DL = 1.967$$

$$BEC = 16.71$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0003	P	3.7
2	☐	1.000	0.991	6560.38	0.0160	P	1.0
3	☐	50.000	51.180	336022.48	0.8126	P	1.0
4	☐	125.000	127.698	826153.95	2.0270	P	0.7
5	☐	250.000	260.298	1665983.15	4.1315	A	1.1
6	☐	500.000	501.001	3214706.96	7.9517	A	2.8
7	☐	1000.000	996.529	6302653.38	15.8163	A	0.6
8	☐			16941.89	0.0415	P	1.1

$$y = 0.0159 * x + 3.0094\text{E-}004$$

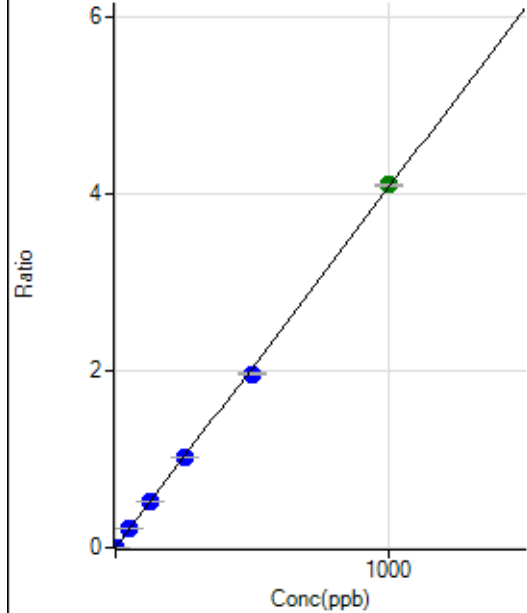
$$R = 0.9999$$

$$DL = 0.002124$$

$$BEC = 0.01896$$

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	78.89	0.0002	P	9.6
2	☐	1.000	0.960	1677.89	0.0041	P	7.2
3	☐	50.000	51.064	85900.80	0.2077	P	0.3
4	☐	125.000	126.917	210320.34	0.5160	P	0.8
5	☐	250.000	251.600	412440.95	1.0228	P	0.4
6	☐	500.000	482.721	793354.34	1.9622	P	1.8
7	☐	1000.000	1007.947	1632571.61	4.0969	A	0.5
8	☐			5764.49	0.0141	P	2.0

$$y = 0.0041 * x + 1.9809E-004$$

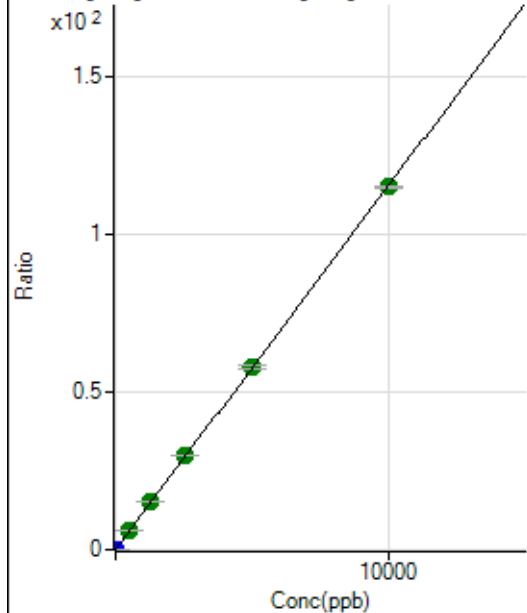
$$R = 0.9998$$

$$DL = 0.01405$$

$$BEC = 0.04874$$

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	1297.85	0.0033	P	6.2
2	☐	2.000	1.833	9976.73	0.0244	P	0.3
3	☐	500.000	532.975	2540860.57	6.1448	A	0.6
4	☐	1250.000	1310.739	6157153.73	15.1072	A	1.3
5	☐	2500.000	2593.260	12051686.91	29.8859	A	0.5
6	☐	5000.000	5003.125	23311418.26	57.6553	A	1.9
7	☐	10000.000	9965.881	45762969.32	114.8421	A	0.8
8	☐			9910.02	0.0243	P	1.2

$$y = 0.0115 * x + 0.0033$$

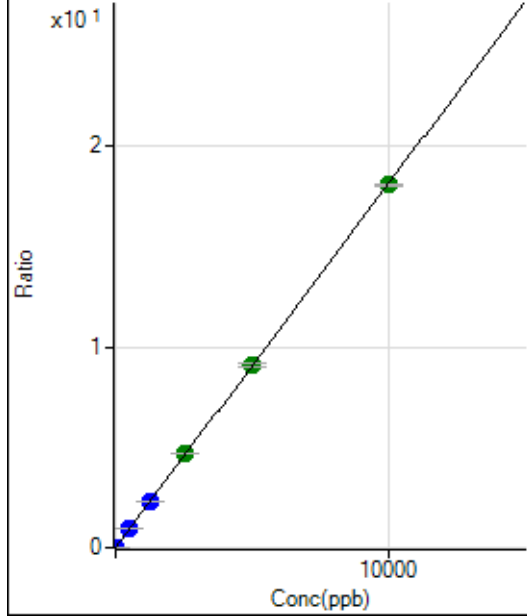
$$R = 0.9999$$

$$DL = 0.05272$$

$$BEC = 0.2827$$

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	684.47	0.0017	P	12.5
2	☐	2.000	4.707	4196.19	0.0103	P	2.9
3	☐	500.000	509.795	383351.39	0.9271	P	0.6
4	☐	1250.000	1265.610	937010.40	2.2990	P	0.5
5	☐	2500.000	2592.413	1898236.34	4.7074	A	0.3
6	☐	5000.000	5015.359	3681506.79	9.1054	A	1.9
7	☐	10000.000	9966.775	7210035.66	18.0930	A	0.2
8	☐			3221.49	0.0079	P	3.2

$$y = 0.0018 * x + 0.0017$$

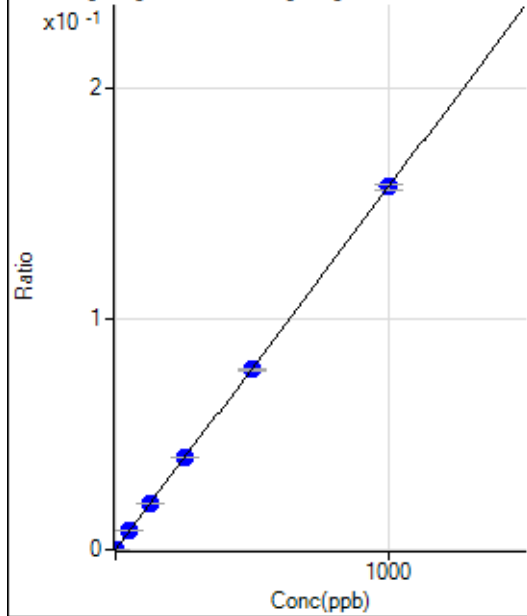
$$R = 1.0000$$

$$DL = 0.3535$$

$$BEC = 0.9443$$

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	10.00	0.0000	P	63.8
2	☐	1.000	0.952	494.46	0.0002	P	14.3
3	☐	50.000	52.091	26832.06	0.0082	P	2.7
4	☐	125.000	129.098	65692.15	0.0203	P	0.6
5	☐	250.000	255.161	130692.34	0.0401	P	1.0
6	☐	500.000	496.069	253613.08	0.0780	P	1.6
7	☐	1000.000	1000.058	501251.36	0.1572	P	1.6
8	☐			296.67	0.0001	P	13.0

$$y = 1.5722E-004 * x + 3.1313E-006$$

$$R = 1.0000$$

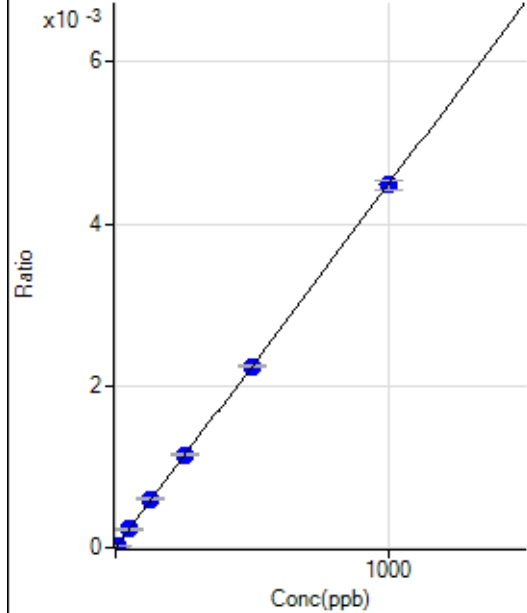
$$DL = 0.03811$$

$$BEC = 0.01992$$

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	3.33	0.0000	P	100.
2	☐	5.000	4.824	73.33	0.0000	P	16.5
3	☐	50.000	51.549	761.14	0.0002	P	7.3
4	☐	125.000	133.347	1940.15	0.0006	P	4.8
5	☐	250.000	256.113	3749.40	0.0012	P	1.6
6	☐	500.000	498.697	7285.18	0.0022	P	1.0
7	☐	1000.000	998.003	14285.83	0.0045	P	2.8
8	☐			10.00	0.0000	P	0.7

$$y = 4.4897\text{E-}006 * x + 1.0040\text{E-}006$$

$$R = 1.0000$$

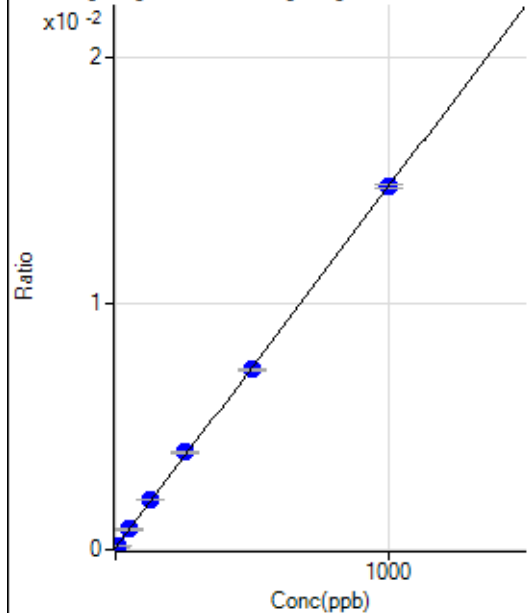
$$DL = 0.6744$$

$$BEC = 0.2236$$

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	255.56	0.0001	P	16.1
2	☐	5.000	5.614	527.80	0.0002	P	8.4
3	☐	50.000	51.773	2754.73	0.0008	P	6.0
4	☐	125.000	133.740	6621.54	0.0020	P	1.4
5	☐	250.000	263.428	12874.58	0.0040	P	1.7
6	☐	500.000	493.166	23830.34	0.0073	P	1.4
7	☐	1000.000	998.876	47059.96	0.0148	P	1.0
8	☐			242.23	0.0001	P	10.3

$$y = 1.4697\text{E-}005 * x + 8.0602\text{E-}005$$

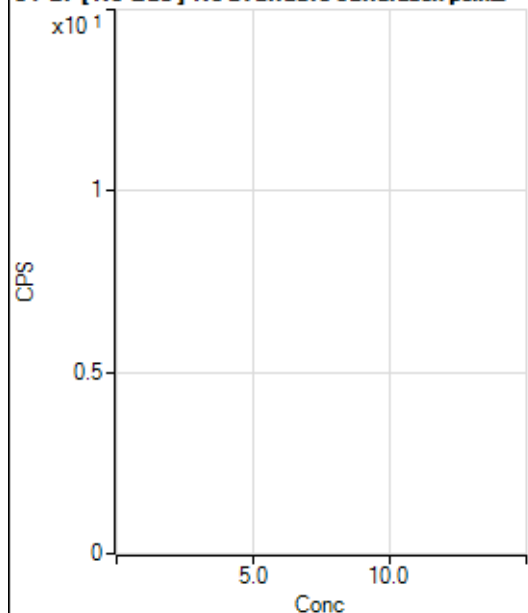
$$R = 0.9998$$

$$DL = 2.649$$

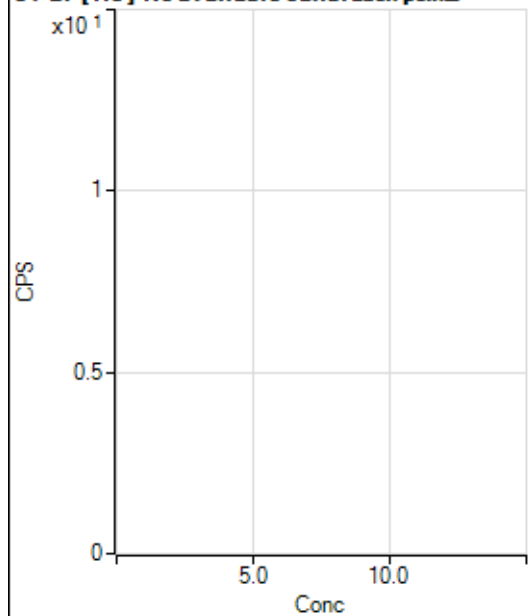
$$BEC = 5.484$$

Weight: <None>

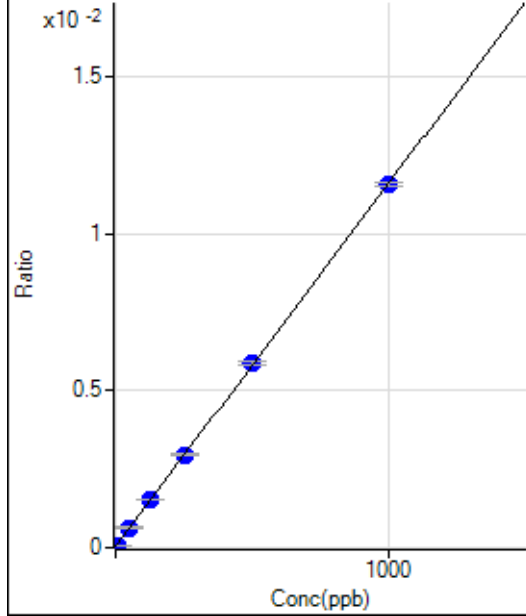
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11954.92		P	0.6
2	☐			11395.60		P	0.1
3	☐			11183.20		P	1.3
4	☐			10706.18		P	3.4
5	☐			10572.76		P	3.9
6	☐			10730.63		P	2.1
7	☐			10668.38		P	3.2
8	☐			11545.71		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	29.4
2	☐			65.56		P	22.9
3	☐			48.89		P	30.7
4	☐			38.89		P	9.9
5	☐			42.22		P	16.4
6	☐			64.44		P	33.3
7	☐			65.55		P	29.8
8	☐			65.56		P	12.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	476.48	0.0000	P	6.9
2	☐	5.000	4.720	1221.18	0.0001	P	0.6
3	☐	50.000	52.555	8978.70	0.0006	P	0.9
4	☐	125.000	129.624	20908.01	0.0015	P	0.7
5	☐	250.000	253.860	40788.77	0.0030	P	1.2
6	☐	500.000	504.042	79947.37	0.0059	P	2.0
7	☐	1000.000	996.309	154738.43	0.0116	P	0.9
8	☐			609.08	0.0000	P	3.5

$$y = 1.1573\text{E-}005 * x + 3.4171\text{E-}005$$

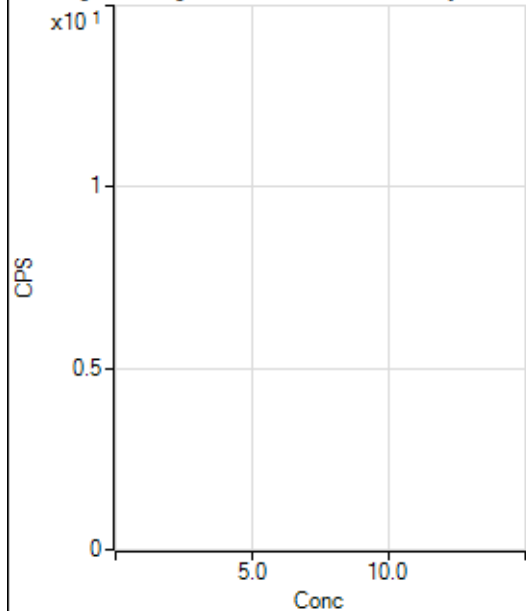
$$R = 1.0000$$

$$DL = 0.6132$$

$$BEC = 2.953$$

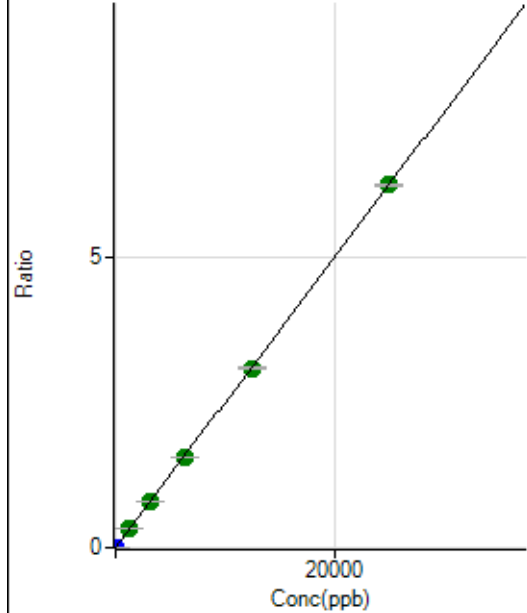
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			195.56		P	13.2
2	☐			178.89		P	16.3
3	☐			201.11		P	9.4
4	☐			200.00		P	3.3
5	☐			198.89		P	8.3
6	☐			216.67		P	13.1
7	☐			186.67		P	12.5
8	☐			233.33		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	846.70	0.0001	P	1.9
2	☐	1.000	0.911	3966.14	0.0003	P	2.6
3	☐	1250.000	1268.176	4430165.59	0.3169	A	0.2
4	☐	3125.000	3177.397	10820305.39	0.7940	A	0.7
5	☐	6250.000	6263.986	21482327.60	1.5653	A	1.2
6	☐	12500.000	12402.859	42231512.71	3.0992	A	1.4
7	☐	25000.000	25037.616	83716045.98	6.2563	A	0.8
8	☐			13923.34	0.0011	P	1.0

$$y = 2.4987E-004 * x + 6.0708E-005$$

$$R = 1.0000$$

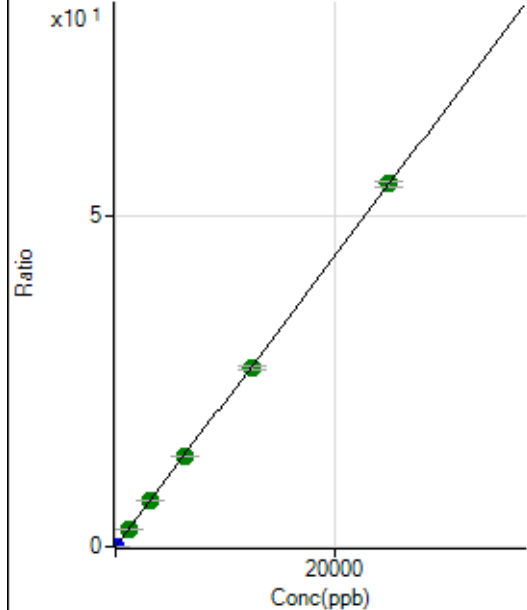
$$DL = 0.01383$$

$$BEC = 0.243$$

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	5298.79	0.0004	P	7.2
2	☐	1.000	0.902	32456.92	0.0024	P	1.8
3	☐	1250.000	1254.684	38505516.65	2.7548	A	0.3
4	☐	3125.000	3163.051	94632879.70	6.9443	A	0.8
5	☐	6250.000	6243.637	188128201.6	13.7073	A	1.0
6	☐	12500.000	12391.236	370675461.1	27.2033	A	1.8
7	☐	25000.000	25050.982	735895517.9	54.9958	A	1.4
8	☐			121880.94	0.0094	P	1.4

$$y = 0.0022 * x + 3.7998E-004$$

$$R = 1.0000$$

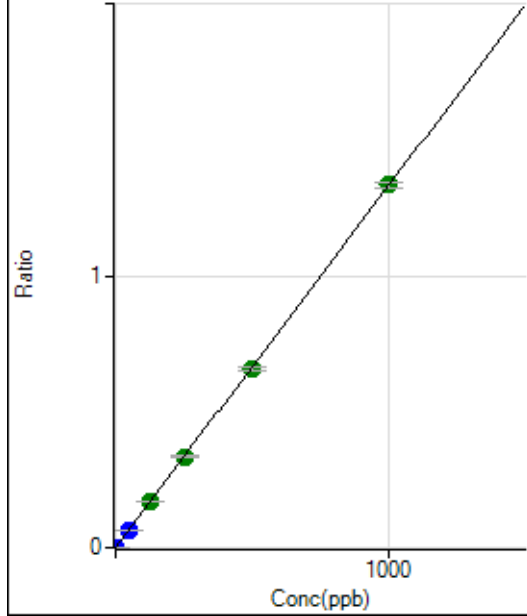
$$DL = 0.03715$$

$$BEC = 0.1731$$

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	733.36	0.0001	P	4.5
2	☐	1.000	0.908	17341.48	0.0013	P	0.5
3	☐	50.000	49.046	913086.58	0.0653	P	0.7
4	☐	125.000	126.830	2300933.25	0.1688	A	1.6
5	☐	250.000	250.703	4579795.73	0.3337	A	1.6
6	☐	500.000	493.694	8953737.78	0.6571	A	1.6
7	☐	1000.000	1002.796	17858759.04	1.3346	A	1.4
8	☐			10119.17	0.0008	P	0.7

$$y = 0.0013 * x + 5.2580E-005$$

$$R = 1.0000$$

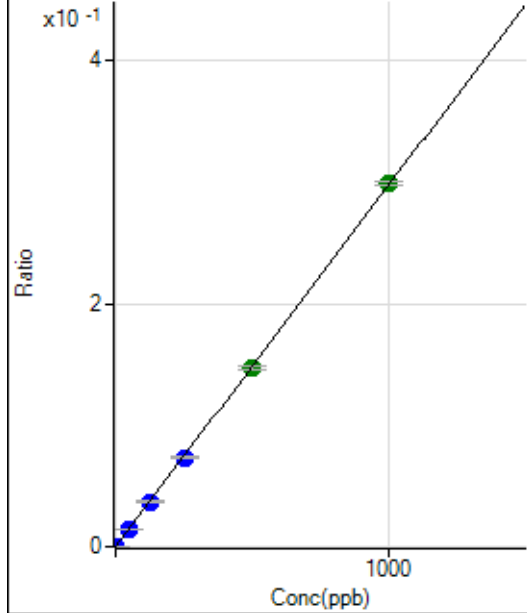
$$DL = 0.005293$$

$$BEC = 0.03951$$

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	148.89	0.0000	P	20.6
2	☐	1.000	0.900	3822.76	0.0003	P	4.4
3	☐	50.000	49.254	204655.19	0.0146	P	1.0
4	☐	125.000	124.631	504661.21	0.0370	P	1.3
5	☐	250.000	246.531	1005262.63	0.0732	P	0.9
6	☐	500.000	493.624	1998186.29	0.1466	A	2.2
7	☐	1000.000	1004.139	3991586.33	0.2983	A	1.0
8	☐			2337.98	0.0002	P	4.8

$$y = 2.9706E-004 * x + 1.0680E-005$$

$$R = 1.0000$$

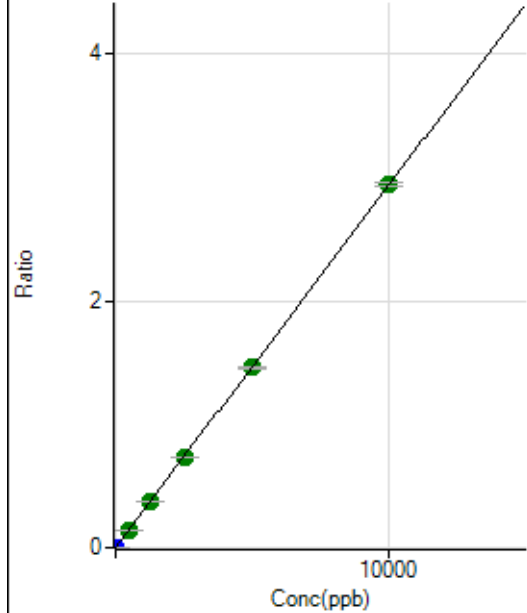
$$DL = 0.02225$$

$$BEC = 0.03595$$

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	538.90	0.0000	P	6.7
2	☐	5.000	4.942	20475.48	0.0015	P	1.2
3	☐	500.000	499.801	2050526.53	0.1467	A	1.1
4	☐	1250.000	1260.855	5042652.22	0.3700	A	0.5
5	☐	2500.000	2481.182	9993645.20	0.7281	A	0.8
6	☐	5000.000	4968.170	19866764.84	1.4580	A	1.5
7	☐	10000.000	10019.273	39342842.19	2.9402	A	1.2
8	☐			9237.43	0.0007	P	1.5

$$y = 2.9345E-004 * x + 3.8643E-005$$

$$R = 1.0000$$

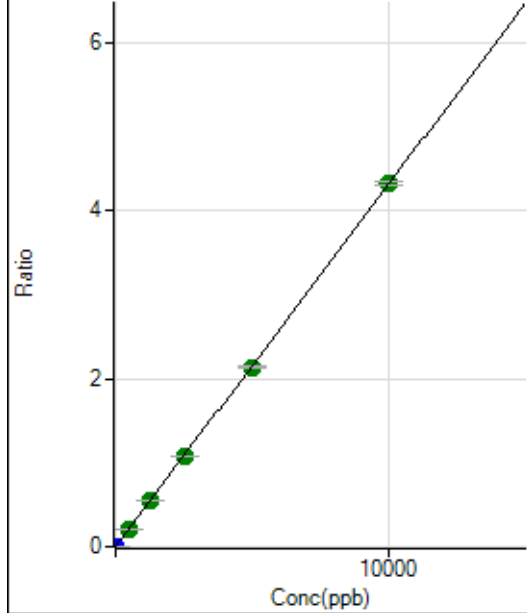
$$DL = 0.0264$$

$$BEC = 0.1317$$

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	481.13	0.0000	P	9.6
2	☐	5.000	4.066	24552.87	0.0018	P	1.1
3	☐	500.000	500.726	3014235.68	0.2156	A	0.2
4	☐	1250.000	1263.854	7416616.90	0.5443	A	0.9
5	☐	2500.000	2507.388	14818717.84	1.0797	A	1.0
6	☐	5000.000	4959.228	29099667.90	2.1355	A	1.5
7	☐	10000.000	10016.771	57715310.25	4.3133	A	1.0
8	☐			8644.84	0.0007	P	3.7

$$y = 4.3060E-004 * x + 3.4496E-005$$

$$R = 1.0000$$

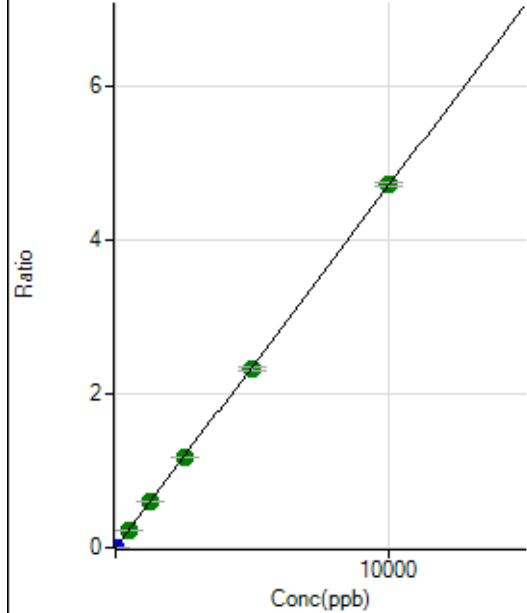
$$DL = 0.02304$$

$$BEC = 0.08011$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	617.80	0.0000	P	5.8
2	☐	5.000	4.089	27045.09	0.0020	P	1.3
3	☐	500.000	497.728	3271053.74	0.2340	A	0.8
4	☐	1250.000	1258.491	8062351.06	0.5916	A	1.3
5	☐	2500.000	2491.788	16077162.40	1.1714	A	0.6
6	☐	5000.000	4946.103	31682430.08	2.3251	A	1.8
7	☐	10000.000	10028.054	63078596.28	4.7140	A	1.0
8	☐			21409.10	0.0016	P	3.4

$$y = 4.7008\text{E-}004 * x + 4.4289\text{E-}005$$

$$R = 1.0000$$

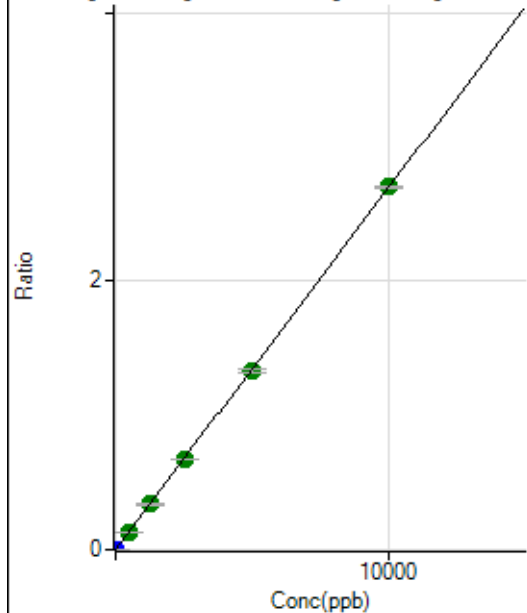
$$DL = 0.01642$$

$$BEC = 0.09422$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	304.45	0.0000	P	10.7
2	☐	5.000	4.088	15464.96	0.0011	P	0.9
3	☐	500.000	497.149	1874432.56	0.1341	A	1.2
4	☐	1250.000	1254.870	4612198.61	0.3385	A	1.3
5	☐	2500.000	2488.036	9209878.20	0.6710	A	0.6
6	☐	5000.000	4952.161	18198396.54	1.3356	A	2.4
7	☐	10000.000	10026.445	36184035.29	2.7041	A	0.7
8	☐			5478.84	0.0004	P	2.7

$$y = 2.6970\text{E-}004 * x + 2.1839\text{E-}005$$

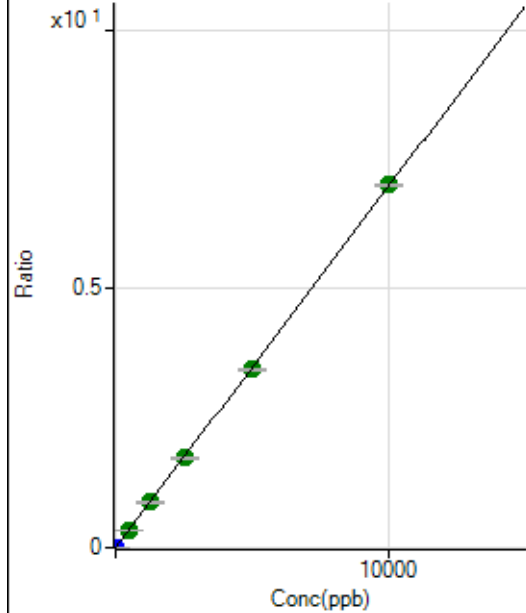
$$R = 1.0000$$

$$DL = 0.02606$$

$$BEC = 0.08098$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	822.26	0.0001	P	4.6
2	☐	5.000	4.068	39808.62	0.0029	P	2.2
3	☐	500.000	494.039	4815441.32	0.3445	A	0.4
4	☐	1250.000	1253.976	11914562.18	0.8743	A	1.5
5	☐	2500.000	2480.819	23739032.98	1.7297	A	1.3
6	☐	5000.000	4924.866	46787383.75	3.4337	A	2.1
7	☐	10000.000	10042.164	93687794.16	7.0015	A	0.7
8	☐			12813.49	0.0010	P	2.2

$$y = 6.9721\text{E-}004 * x + 5.8946\text{E-}005$$

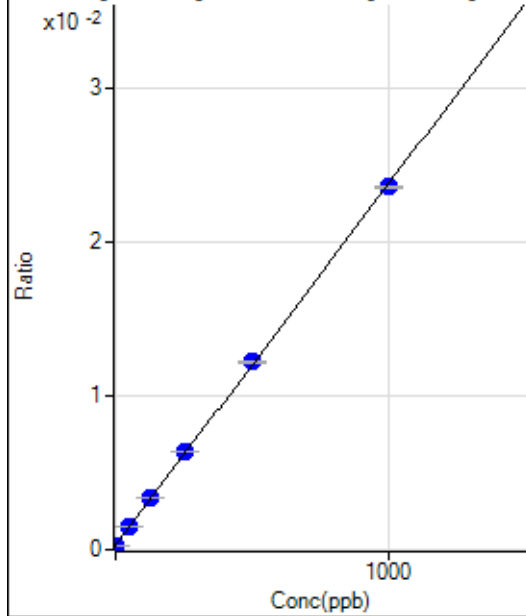
$$R = 1.0000$$

$$DL = 0.01174$$

$$BEC = 0.08455$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2997.00	0.0003	P	0.8
2	☐	1.000	1.001	3235.95	0.0003	P	2.5
3	☐	50.000	53.963	17082.33	0.0015	P	1.1
4	☐	125.000	132.782	37290.06	0.0034	P	0.7
5	☐	250.000	259.379	70820.37	0.0064	P	0.4
6	☐	500.000	508.666	137270.20	0.0122	P	0.8
7	☐	1000.000	992.152	265634.19	0.0236	P	0.8
8	☐			2906.99	0.0003	P	3.1

$$y = 2.3506\text{E-}005 * x + 2.7626\text{E-}004$$

$$R = 0.9999$$

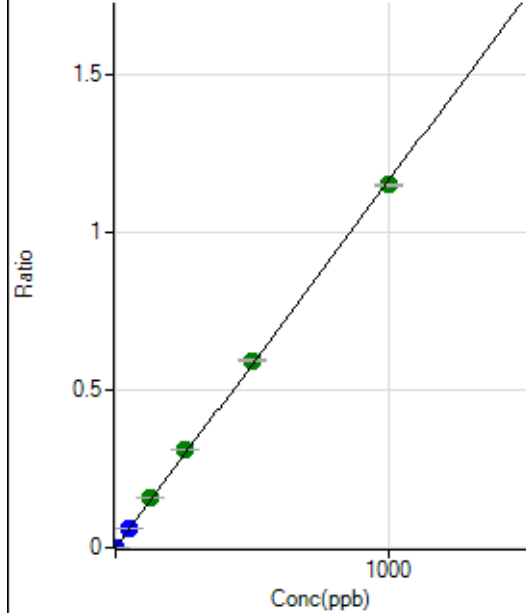
$$DL = 0.2781$$

$$BEC = 11.75$$

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	176.67	0.0000	P	9.6
2	☐	1.000	0.902	11483.52	0.0011	P	3.3
3	☐	50.000	51.880	666347.96	0.0603	P	2.3
4	☐	125.000	136.630	1741648.43	0.1587	A	1.5
5	☐	250.000	266.345	3437214.36	0.3093	A	0.7
6	☐	500.000	510.408	6650921.22	0.5927	A	1.0
7	☐	1000.000	989.162	12931168.70	1.1487	A	0.7
8	☐			1762.35	0.0002	P	14.6

$$y = 0.0012 * x + 1.6281E-005$$

$$R = 0.9997$$

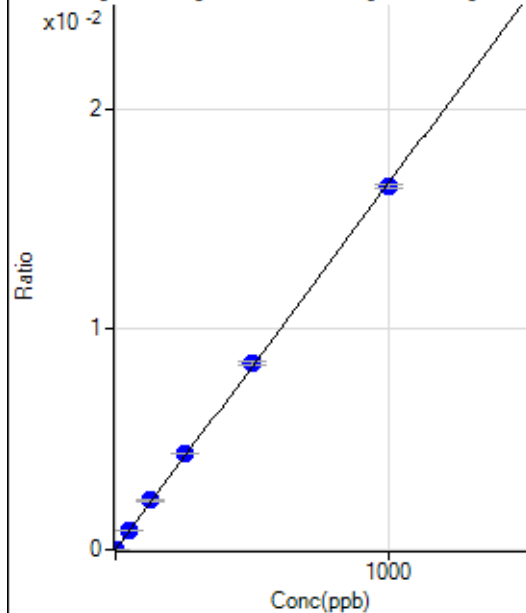
$$DL = 0.004023$$

$$BEC = 0.01402$$

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	4.45	0.0000	P	86.6
2	☐	1.000	1.116	204.45	0.0000	P	13.3
3	☐	50.000	53.260	9797.84	0.0009	P	3.0
4	☐	125.000	133.940	24447.38	0.0022	P	2.3
5	☐	250.000	262.019	48417.11	0.0044	P	1.1
6	☐	500.000	510.795	95310.31	0.0085	P	1.7
7	☐	1000.000	990.317	185356.27	0.0165	P	1.1
8	☐			77.78	0.0000	P	30.5

$$y = 1.6628E-005 * x + 4.1075E-007$$

$$R = 0.9998$$

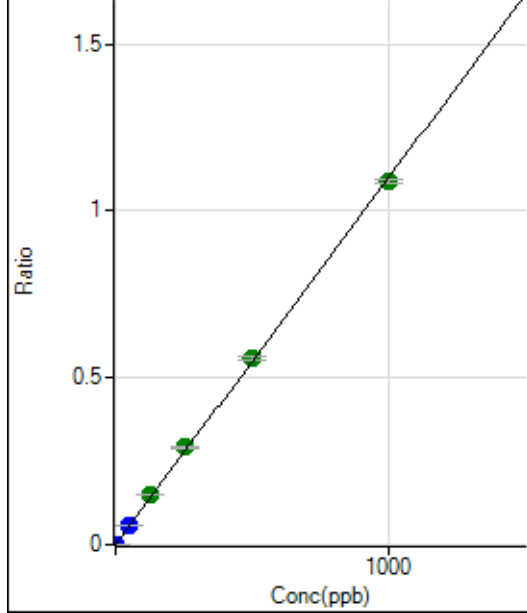
$$DL = 0.06418$$

$$BEC = 0.0247$$

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	116.67	0.0000	P	6.9
2	☐	1.000	0.917	10988.70	0.0010	P	3.6
3	☐	50.000	51.662	627665.99	0.0568	P	1.6
4	☐	125.000	136.238	1642767.79	0.1497	A	1.2
5	☐	250.000	265.646	3242870.40	0.2918	A	0.9
6	☐	500.000	510.706	6294429.63	0.5610	A	1.9
7	☐	1000.000	989.248	12232934.26	1.0867	A	1.1
8	☐			1644.55	0.0002	P	10.5

$$y = 0.0011 * x + 1.0751E-005$$

$$R = 0.9997$$

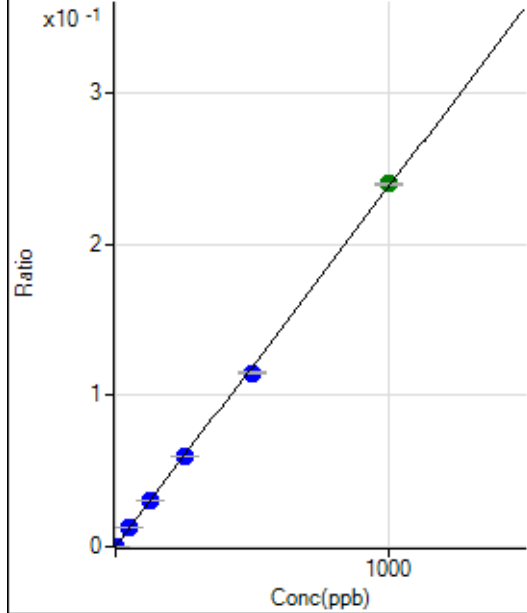
$$DL = 0.002032$$

$$BEC = 0.009787$$

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	2131.46	0.0002	P	0.8
2	☐	1.000	0.992	4664.52	0.0004	P	4.8
3	☐	50.000	51.037	136270.37	0.0123	P	1.4
4	☐	125.000	126.675	332531.06	0.0303	P	0.4
5	☐	250.000	249.211	660191.91	0.0594	P	0.9
6	☐	500.000	482.545	1288703.05	0.1149	P	1.0
7	☐	1000.000	1008.663	2700172.34	0.2399	A	0.6
8	☐			2420.46	0.0002	P	3.6

$$y = 2.3761E-004 * x + 1.9648E-004$$

$$R = 0.9998$$

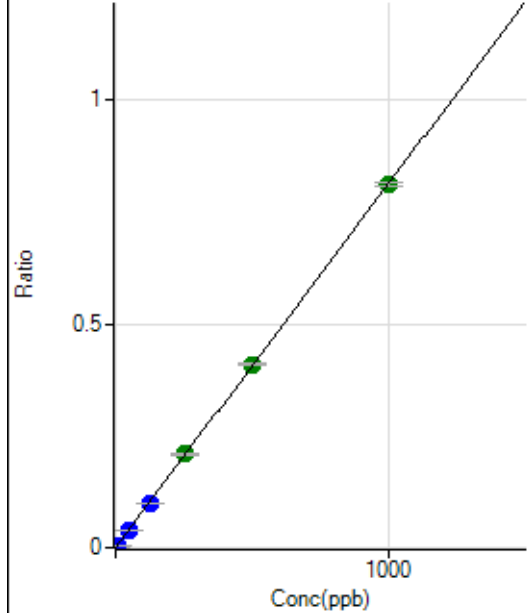
$$DL = 0.01975$$

$$BEC = 0.8269$$

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	1697.89	0.0002	P	2.5
2	☐	5.000	4.397	40263.90	0.0037	P	2.8
3	☐	50.000	49.219	444121.43	0.0402	P	1.7
4	☐	125.000	122.692	1096323.70	0.0999	P	1.4
5	☐	250.000	257.125	2324187.54	0.2092	A	1.8
6	☐	500.000	503.219	4591458.72	0.4092	A	0.7
7	☐	1000.000	996.940	9123377.57	0.8105	A	1.2
8	☐			4890.94	0.0005	P	4.2

$$y = 8.1285E-004 * x + 1.5652E-004$$

$$R = 1.0000$$

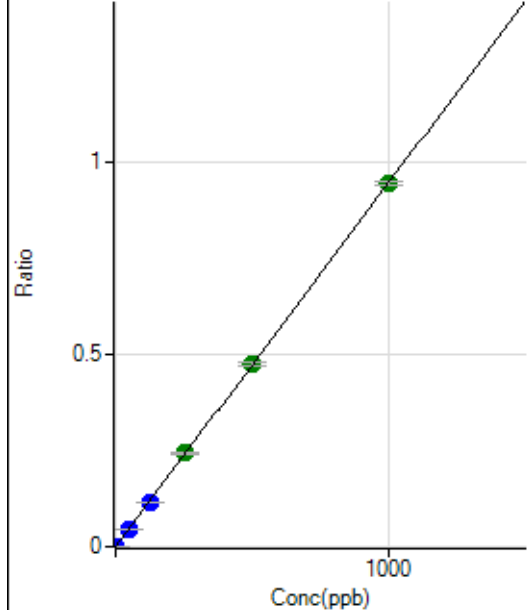
$$DL = 0.01449$$

$$BEC = 0.1926$$

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	180.00	0.0000	P	16.9
2	☐	2.000	1.836	18896.95	0.0018	P	4.1
3	☐	50.000	49.079	512799.86	0.0464	P	2.0
4	☐	125.000	122.482	1270006.65	0.1157	P	1.3
5	☐	250.000	257.416	2702100.69	0.2432	A	1.4
6	☐	500.000	502.052	5321227.38	0.4742	A	1.8
7	☐	1000.000	997.481	10606211.16	0.9422	A	1.2
8	☐			7041.80	0.0007	P	3.6

$$y = 9.4459E-004 * x + 1.6601E-005$$

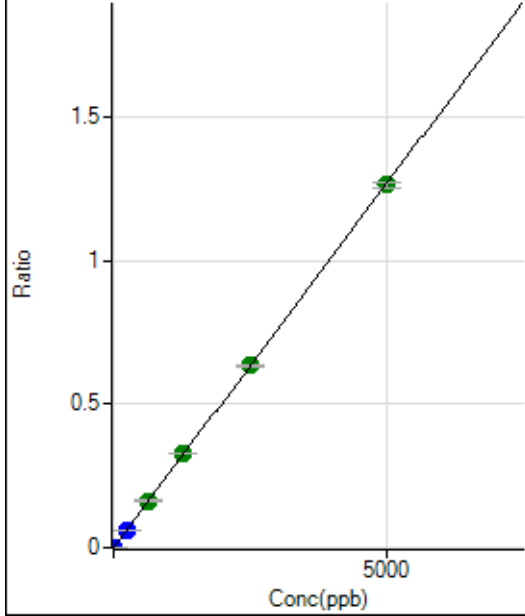
$$R = 1.0000$$

$$DL = 0.008932$$

$$BEC = 0.01758$$

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	160.01	0.0000	P	18.6
2	☐	10.000	8.682	23907.91	0.0022	P	1.9
3	☐	250.000	238.404	668122.65	0.0604	P	2.0
4	☐	625.000	645.710	1795894.80	0.1636	A	1.8
5	☐	1250.000	1288.174	3627237.58	0.3264	A	0.7
6	☐	2500.000	2507.382	7129043.85	0.6354	A	1.0
7	☐	5000.000	4984.759	14217546.59	1.2631	A	1.6
8	☐			5221.01	0.0005	P	3.3

$$y = 2.5339\text{E-}004 * x + 1.4740\text{E-}005$$

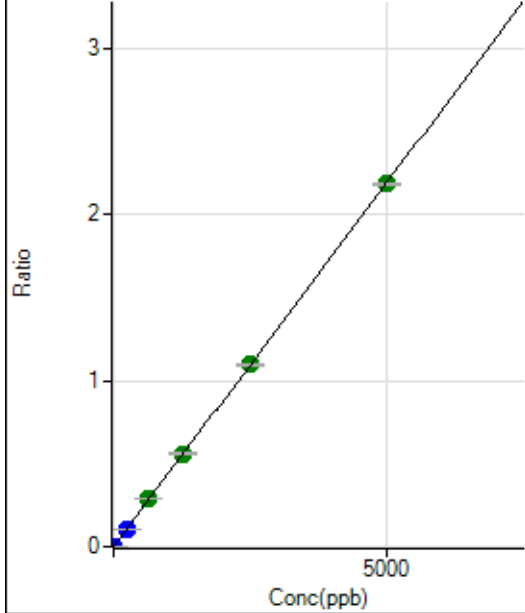
$$R = 1.0000$$

$$DL = 0.03249$$

$$BEC = 0.05817$$

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	280.00	0.0000	P	11.5
2	☐	10.000	8.600	40947.67	0.0038	P	1.2
3	☐	250.000	239.799	1161822.70	0.1051	P	1.5
4	☐	625.000	651.444	3132391.24	0.2854	A	0.8
5	☐	1250.000	1280.189	6231734.21	0.5608	A	0.4
6	☐	2500.000	2501.257	12293933.71	1.0957	A	1.2
7	☐	5000.000	4989.031	24600942.69	2.1854	A	0.5
8	☐			9288.65	0.0009	P	2.1

$$y = 4.3804\text{E-}004 * x + 2.5820\text{E-}005$$

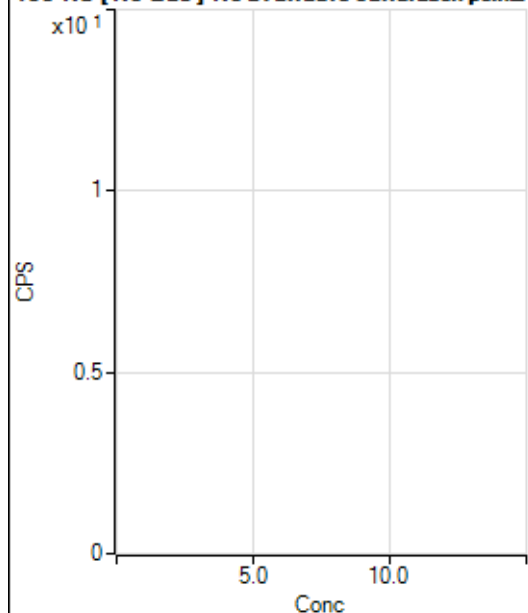
$$R = 1.0000$$

$$DL = 0.02026$$

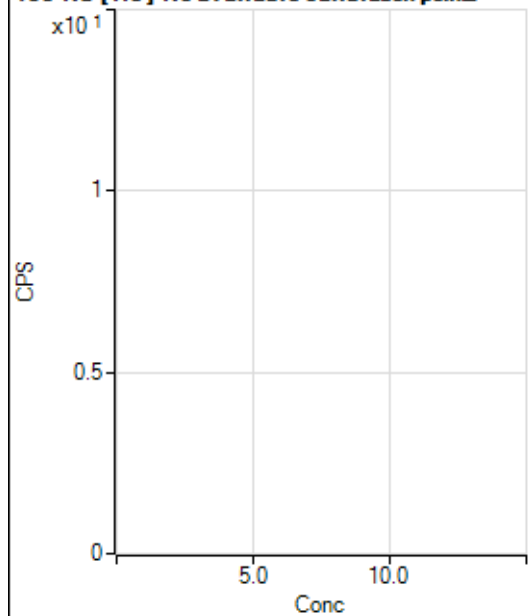
$$BEC = 0.05895$$

Weight: <None>

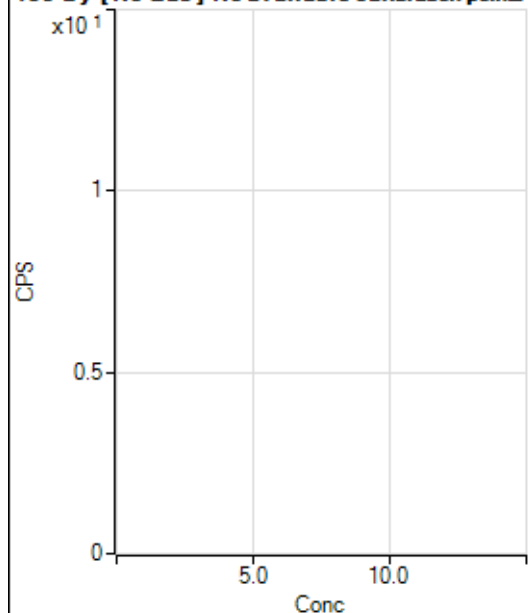
Min Conc: 0

150 Nd [No Gas] No available calibration points

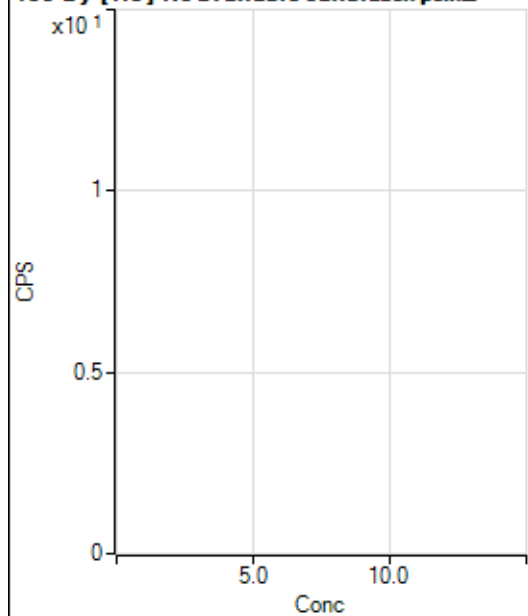
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			14.45		P	48.0
3	☐			33.33		P	20.0
4	☐			70.00		P	12.6
5	☐			158.89		P	21.0
6	☐			278.89		P	10.8
7	☐			604.46		P	4.8
8	☐			217.78		P	4.4

150 Nd [He] No available calibration points

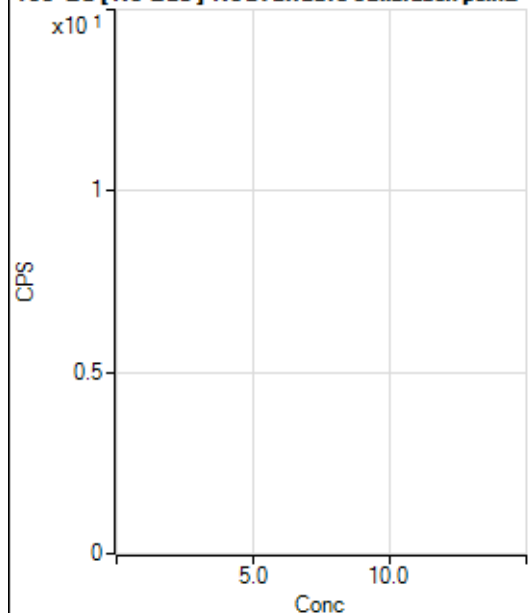
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	107.
2	☐			2.22		P	86.6
3	☐			4.44		P	114.
4	☐			17.78		P	21.7
5	☐			43.33		P	15.4
6	☐			53.33		P	41.0
7	☐			137.78		P	12.4
8	☐			102.23		P	5.0

156 Dy [No Gas] No available calibration points

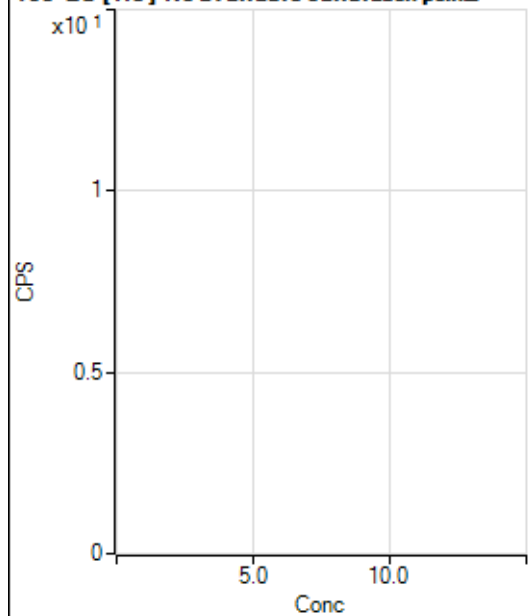
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	16.2
2	☐			64.44		P	13.0
3	☐			85.56		P	2.3
4	☐			97.78		P	8.6
5	☐			124.45		P	24.3
6	☐			152.22		P	8.8
7	☐			278.89		P	3.4
8	☐			431.12		P	10.8

156 Dy [He] No available calibration points

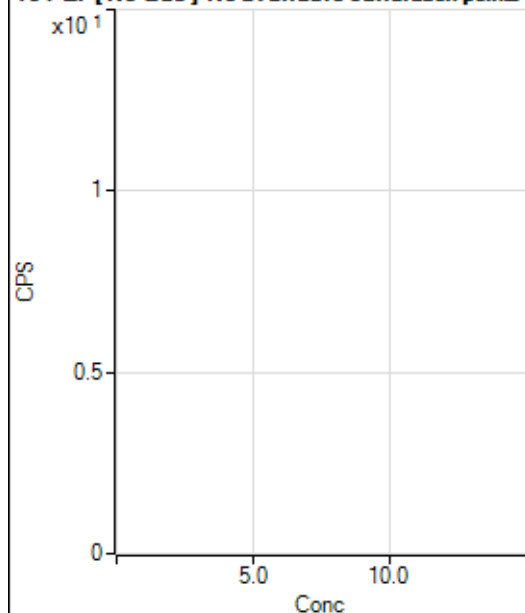
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	30.0
2	☐			28.89		P	17.6
3	☐			64.44		P	33.3
4	☐			87.78		P	11.0
5	☐			146.67		P	24.6
6	☐			257.78		P	15.6
7	☐			587.80		P	10.5
8	☐			311.12		P	18.9

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

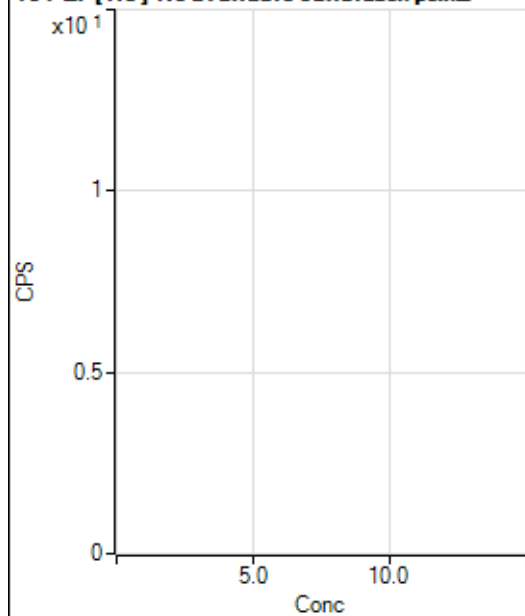
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	37.9
2	☐			45.55		P	29.6
3	☐			38.89		P	21.6
4	☐			40.00		P	16.7
5	☐			78.89		P	35.2
6	☐			91.11		P	12.8
7	☐			144.45		P	17.6
8	☐			355.56		P	3.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			233.34		P	17.3
2	☐			248.89		P	8.9
3	☐			260.01		P	11.1
4	☐			264.45		P	13.9
5	☐			284.45		P	11.1
6	☐			286.67		P	12.8
7	☐			325.56		P	7.2
8	☐			480.01		P	3.5

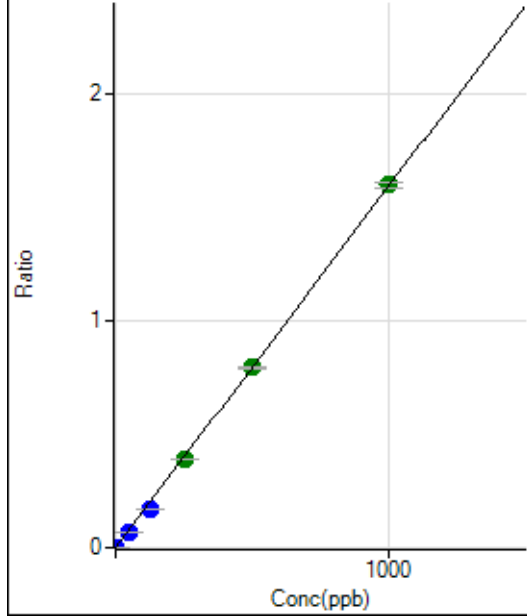
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.45		P	10.8
2	☐			76.67		P	26.1
3	☐			67.78		P	19.9
4	☐			86.67		P	24.0
5	☐			115.56		P	19.6
6	☐			126.67		P	9.1
7	☐			217.78		P	0.9
8	☐			463.35		P	15.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	18.4
2	☐			45.56		P	27.7
3	☐			53.33		P	49.6
4	☐			58.89		P	31.2
5	☐			56.67		P	30.6
6	☐			76.67		P	15.7
7	☐			131.11		P	5.9
8	☐			256.67		P	5.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	2.6
2	☐	1.000	0.758	8055.77	0.0012	P	2.8
3	☐	50.000	42.142	448686.60	0.0671	P	1.4
4	☐	125.000	105.821	1125384.97	0.1685	P	0.4
5	☐	250.000	245.870	2656991.19	0.3915	A	0.3
6	☐	500.000	498.344	5418887.25	0.7934	A	1.9
7	☐	1000.000	1004.651	10770002.34	1.5994	A	1.6
8	☐			1214.51	0.0002	P	6.2

$$y = 0.0016 * x + 3.3344E-005$$

$$R = 0.9998$$

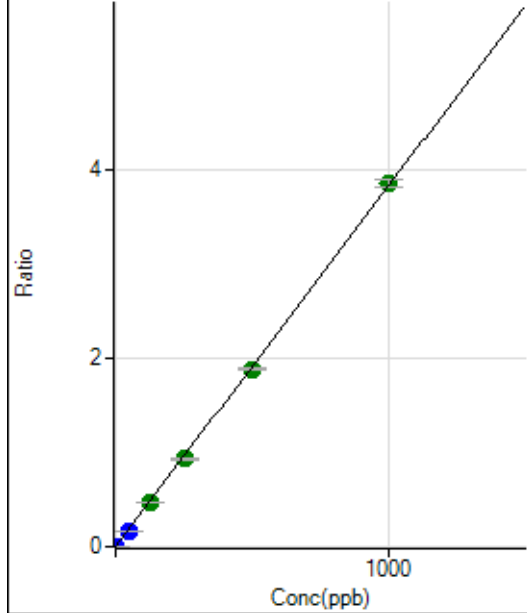
$$DL = 0.001653$$

$$BEC = 0.02094$$

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	550.02	0.0001	P	12.2
2	☐	1.000	0.776	19828.94	0.0031	P	0.5
3	☐	50.000	41.690	1066417.18	0.1595	P	0.7
4	☐	125.000	122.500	3129713.04	0.4686	A	1.4
5	☐	250.000	243.162	6312484.00	0.9301	A	1.7
6	☐	500.000	492.933	12876812.45	1.8854	A	1.5
7	☐	1000.000	1005.971	25908021.28	3.8476	A	2.1
8	☐			3080.37	0.0005	P	5.3

$$y = 0.0038 * x + 8.1768E-005$$

$$R = 0.9999$$

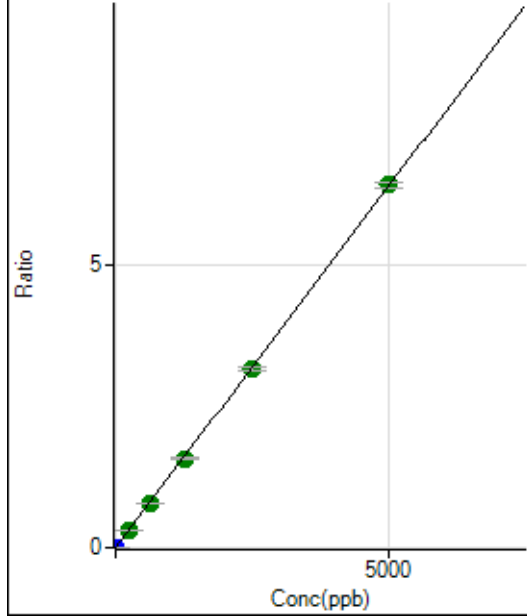
$$DL = 0.007838$$

$$BEC = 0.02138$$

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	1108.95	0.0002	P	6.0
2	☐	1.000	0.766	7413.21	0.0011	P	2.9
3	☐	250.000	242.590	2067404.78	0.3093	A	0.5
4	☐	625.000	616.131	5244489.71	0.7852	A	1.0
5	☐	1250.000	1233.270	10666180.74	1.5716	A	1.7
6	☐	2500.000	2472.262	21516107.88	3.1503	A	1.8
7	☐	5000.000	5019.531	43067997.97	6.3960	A	1.9
8	☐			7260.89	0.0012	P	1.5

$$y = 0.0013 * x + 1.6470E-004$$

$$R = 1.0000$$

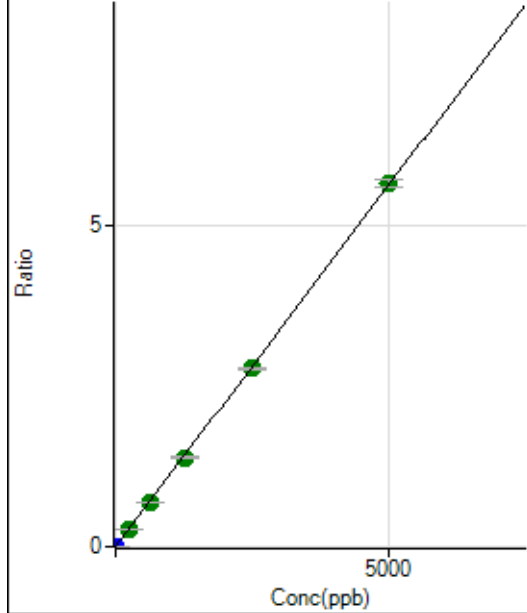
$$DL = 0.02333$$

$$BEC = 0.1293$$

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	947.82	0.0001	P	6.5
2	☐	1.000	0.769	6554.98	0.0010	P	3.3
3	☐	250.000	243.904	1840046.97	0.2753	A	0.6
4	☐	625.000	613.789	4625111.53	0.6925	A	0.1
5	☐	1250.000	1236.043	9463573.06	1.3944	A	1.6
6	☐	2500.000	2466.097	18999883.47	2.7819	A	1.6
7	☐	5000.000	5022.147	38145065.82	5.6651	A	2.1
8	☐			6427.13	0.0011	P	3.2

$$y = 0.0011 * x + 1.4097E-004$$

$$R = 1.0000$$

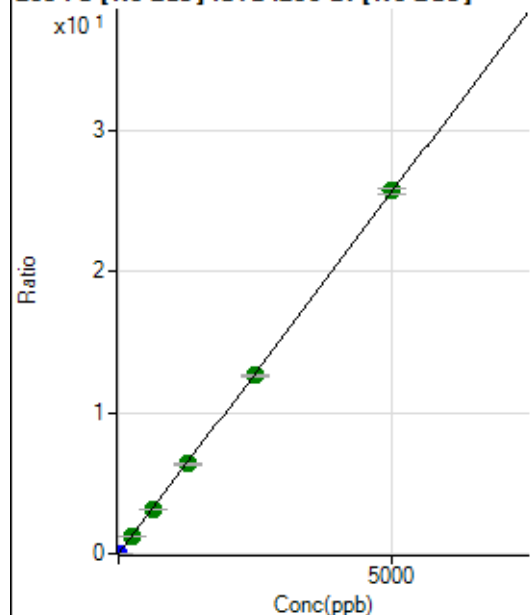
$$DL = 0.0244$$

$$BEC = 0.125$$

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	4303.64	0.0006	P	2.0
2	☐	1.000	0.767	29696.29	0.0046	P	3.1
3	☐	250.000	243.552	8342806.09	1.2480	A	0.4
4	☐	625.000	613.556	20992659.41	3.1431	A	0.1
5	☐	1250.000	1240.561	43128208.18	6.3544	A	1.1
6	☐	2500.000	2466.112	86270647.33	12.6314	A	1.5
7	☐	5000.000	5021.056	173166563.5	25.7171	A	1.6
8	☐			29450.60	0.0050	P	1.5

$$y = 0.0051 * x + 6.3964E-004$$

$$R = 1.0000$$

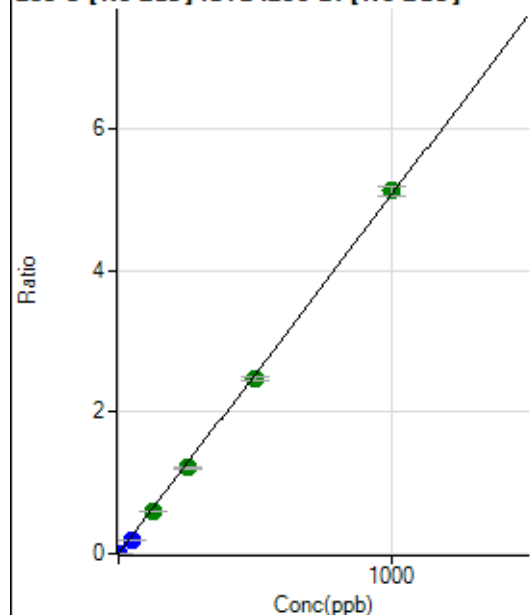
$$DL = 0.007365$$

$$BEC = 0.1249$$

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	284.45	0.0000	P	17.8
2	☐	1.000	0.738	24557.13	0.0038	P	1.0
3	☐	50.000	39.782	1346852.40	0.2015	P	1.1
4	☐	125.000	117.557	3975939.18	0.5953	A	1.3
5	☐	250.000	239.041	8215013.21	1.2104	A	2.6
6	☐	500.000	486.411	16822230.17	2.4630	A	2.3
7	☐	1000.000	1010.976	34472178.93	5.1192	A	2.7
8	☐			1917.94	0.0003	P	4.1

$$y = 0.0051 * x + 4.2199E-005$$

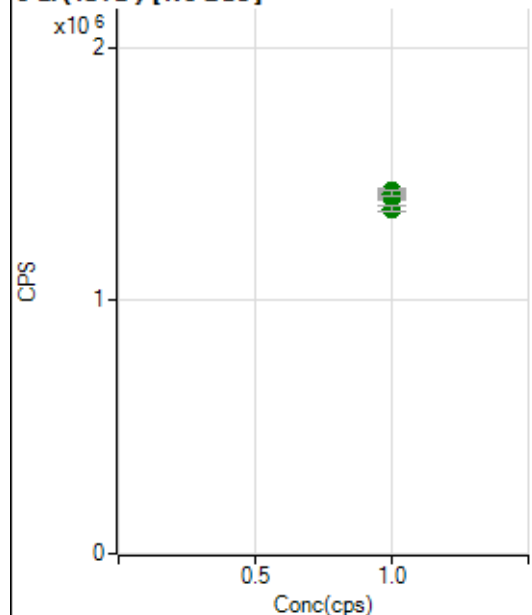
$$R = 0.9998$$

$$DL = 0.004459$$

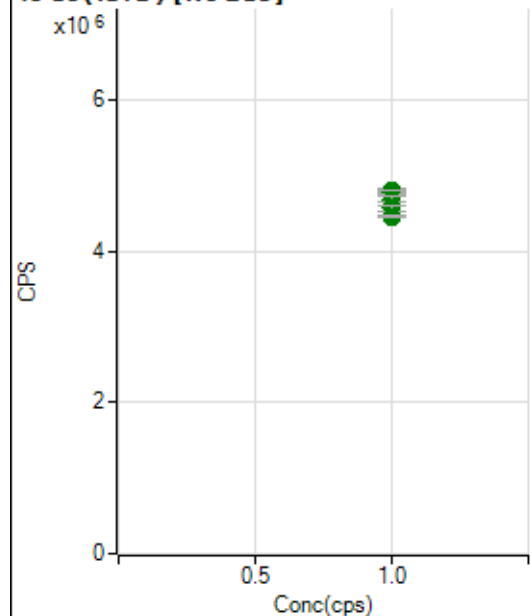
$$BEC = 0.008334$$

Weight: <None>

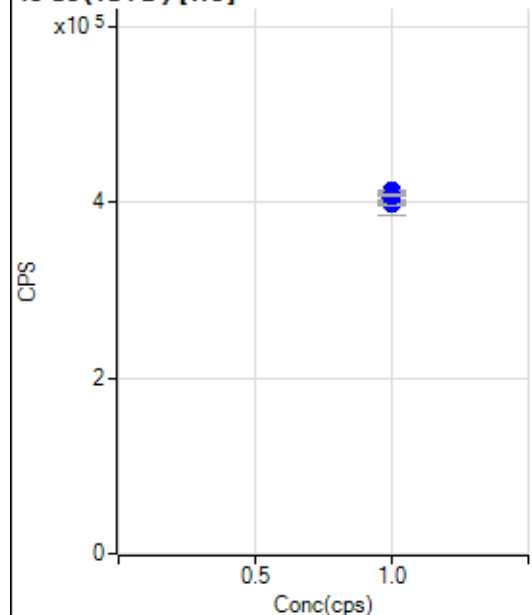
Min Conc: 0

6 Li (ISTD) [No Gas]

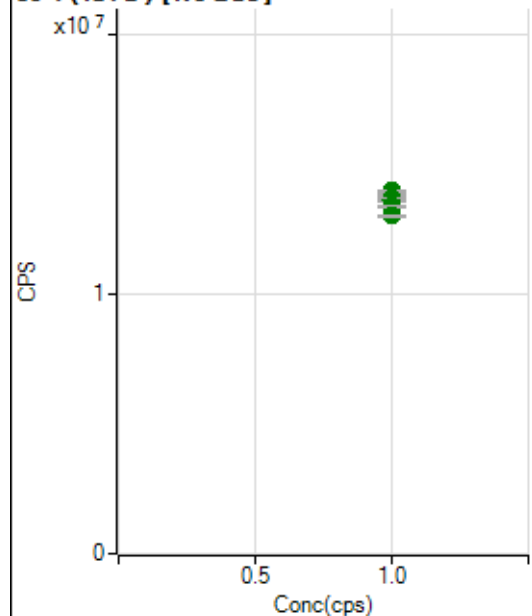
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1424107.08		A	0.9
2	☐	1.000		1408244.03		A	1.3
3	☐	1.000		1409666.61		A	1.9
4	☐	1.000		1415005.58		A	1.3
5	☐	1.000		1424983.66		A	1.9
6	☐	1.000		1433436.03		A	1.0
7	☐	1.000		1423053.73		A	1.8
8	☐	1.000		1362701.78		A	1.3

45 Sc (ISTD) [No Gas]

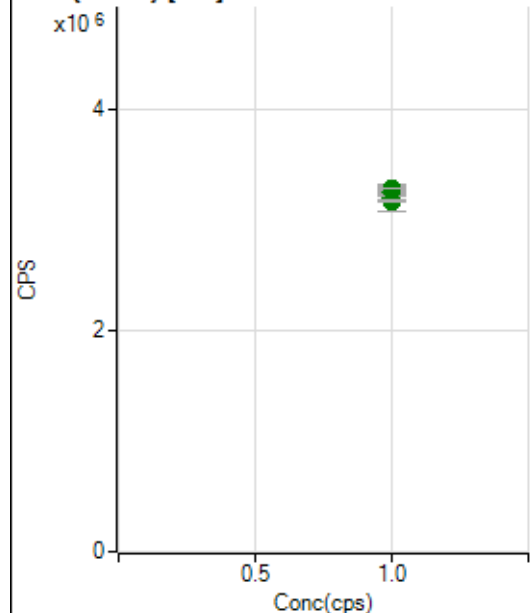
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4791933.09		A	1.2
2	☐	1.000		4755613.44		A	1.1
3	☐	1.000		4773584.06		A	1.2
4	☐	1.000		4684398.99		A	1.3
5	☐	1.000		4560543.30		A	1.3
6	☐	1.000		4445352.85		A	0.6
7	☐	1.000		4449753.16		A	0.6
8	☐	1.000		4455690.49		A	0.8

45 Sc (ISTD) [He]

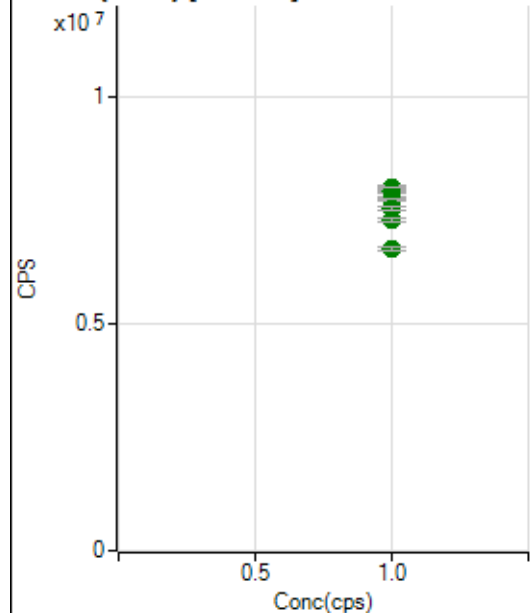
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		399230.62		P	7.2
2	☐	1.000		409138.62		P	0.7
3	☐	1.000		413503.26		P	0.9
4	☐	1.000		407572.45		P	0.2
5	☐	1.000		403250.94		P	0.4
6	☐	1.000		404434.30		P	2.2
7	☐	1.000		398497.58		P	0.6
8	☐	1.000		408439.91		P	0.2

89 Y (ISTD) [No Gas]

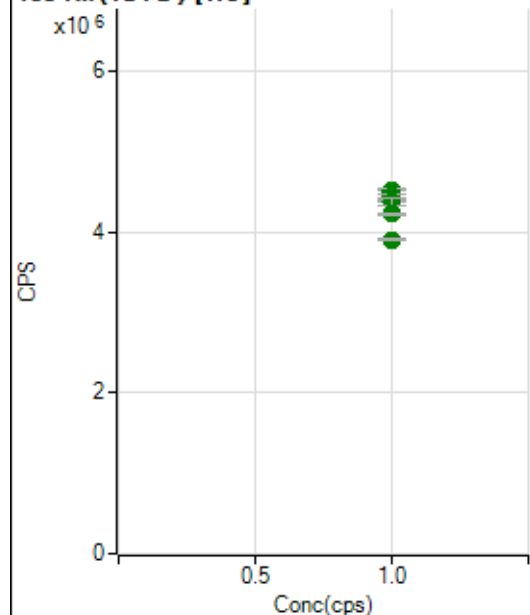
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13946360.76		A	0.7
2	☐	1.000		13753676.74		A	1.3
3	☐	1.000		13977590.07		A	0.5
4	☐	1.000		13627787.16		A	0.8
5	☐	1.000		13725099.24		A	0.7
6	☐	1.000		13627694.80		A	1.0
7	☐	1.000		13381425.77		A	0.6
8	☐	1.000		13027237.58		A	0.4

89 Y(ISTD) [He]

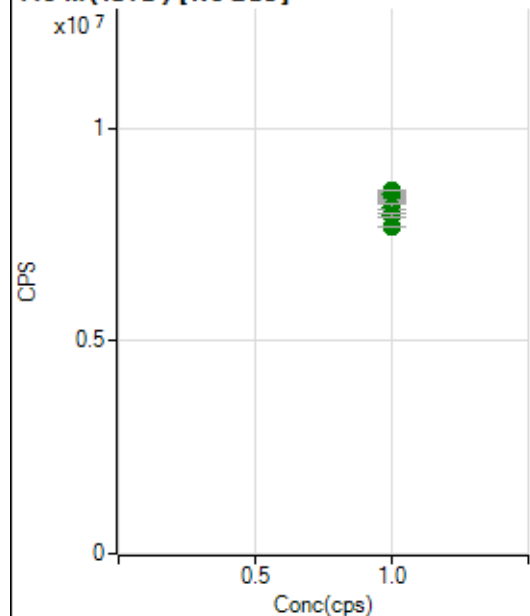
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3195447.35		A	7.2
2	☐	1.000		3236289.29		A	0.2
3	☐	1.000		3275680.44		A	1.7
4	☐	1.000		3236213.25		A	0.9
5	☐	1.000		3257769.92		A	0.9
6	☐	1.000		3252373.87		A	2.1
7	☐	1.000		3188475.51		A	1.5
8	☐	1.000		3168554.43		A	0.7

103 Rh(ISTD) [No Gas]

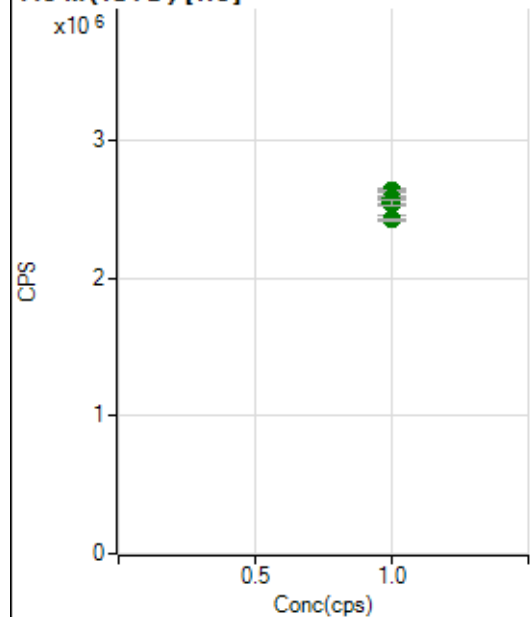
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7984811.27		A	1.6
2	☐	1.000		7927462.52		A	1.0
3	☐	1.000		7930784.47		A	1.4
4	☐	1.000		7790558.84		A	0.3
5	☐	1.000		7709348.84		A	0.5
6	☐	1.000		7531992.25		A	0.8
7	☐	1.000		7286093.36		A	1.0
8	☐	1.000		6636653.51		A	1.6

103 Rh (ISTD) [He]

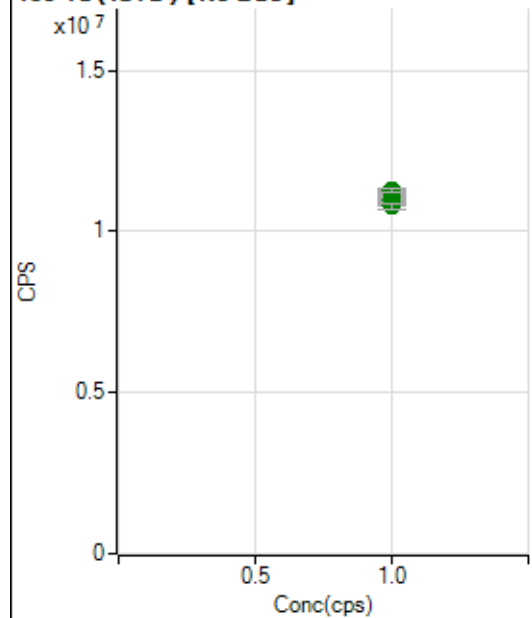
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4360797.96		A	7.2
2	☐	1.000		4490168.96		A	0.8
3	☐	1.000		4507696.43		A	1.3
4	☐	1.000		4432656.57		A	1.4
5	☐	1.000		4380793.51		A	0.5
6	☐	1.000		4364698.82		A	2.3
7	☐	1.000		4217671.67		A	0.4
8	☐	1.000		3900791.51		A	0.3

115 In (ISTD) [No Gas]

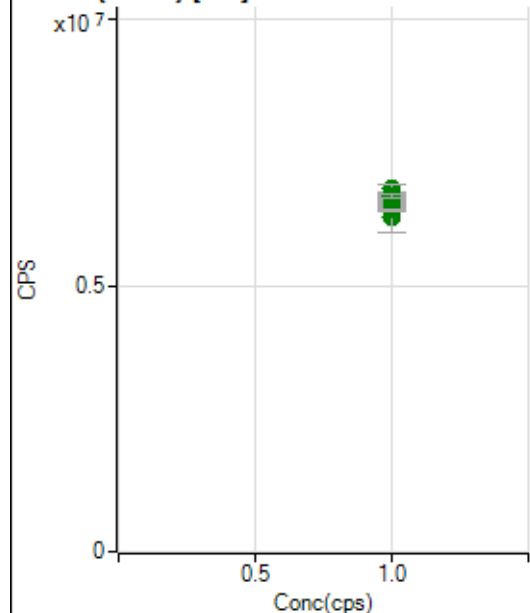
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8454121.03		A	0.5
2	☐	1.000		8444231.05		A	1.1
3	☐	1.000		8524258.86		A	0.2
4	☐	1.000		8308893.17		A	0.8
5	☐	1.000		8305644.16		A	0.5
6	☐	1.000		8151128.66		A	1.4
7	☐	1.000		7954653.79		A	0.7
8	☐	1.000		7676561.83		A	0.3

115 In (ISTD) [He]

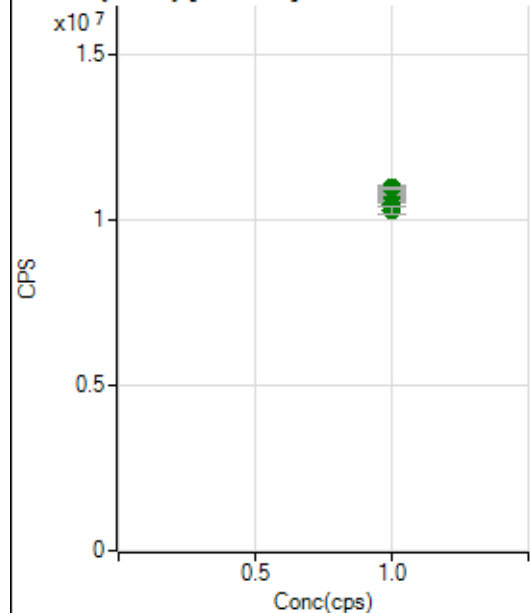
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2551039.90		A	7.7
2	☐	1.000		2581109.67		A	0.6
3	☐	1.000		2634228.69		A	0.7
4	☐	1.000		2586339.48		A	1.3
5	☐	1.000		2556029.67		A	0.9
6	☐	1.000		2543696.07		A	1.7
7	☐	1.000		2428547.72		A	0.3
8	☐	1.000		2423650.37		A	0.7

159 Tb (ISTD) [No Gas]

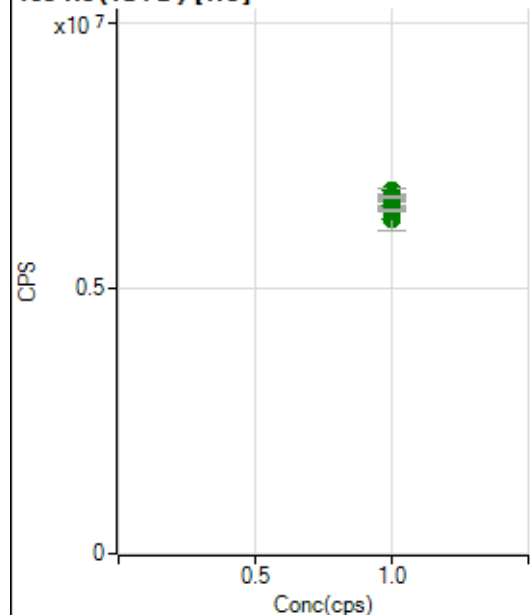
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10848837.34		A	0.7
2	☐	1.000		10797281.58		A	1.8
3	☐	1.000		11058807.89		A	1.0
4	☐	1.000		10976333.03		A	0.7
5	☐	1.000		11112241.08		A	0.2
6	☐	1.000		11221322.89		A	1.5
7	☐	1.000		11257124.28		A	1.1
8	☐	1.000		10781371.23		A	1.6

159 Tb (ISTD) [He]

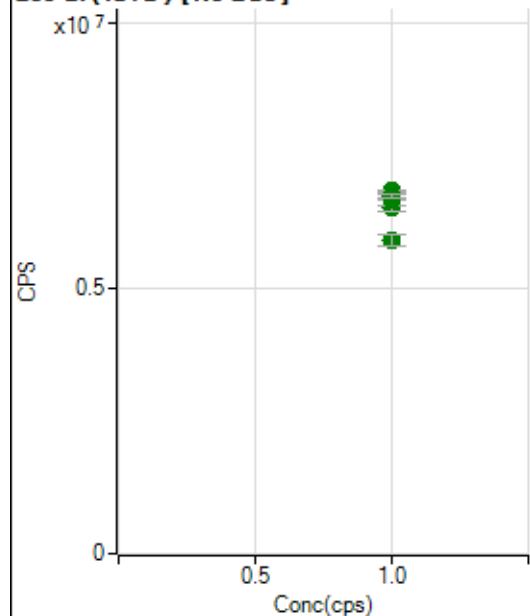
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6280668.66		A	8.5
2	☐	1.000		6492679.69		A	0.2
3	☐	1.000		6536123.45		A	0.4
4	☐	1.000		6600697.54		A	0.8
5	☐	1.000		6656903.30		A	0.5
6	☐	1.000		6820150.59		A	2.2
7	☐	1.000		6692266.64		A	0.7
8	☐	1.000		6424312.54		A	0.5

165 Ho (ISTD) [No Gas]

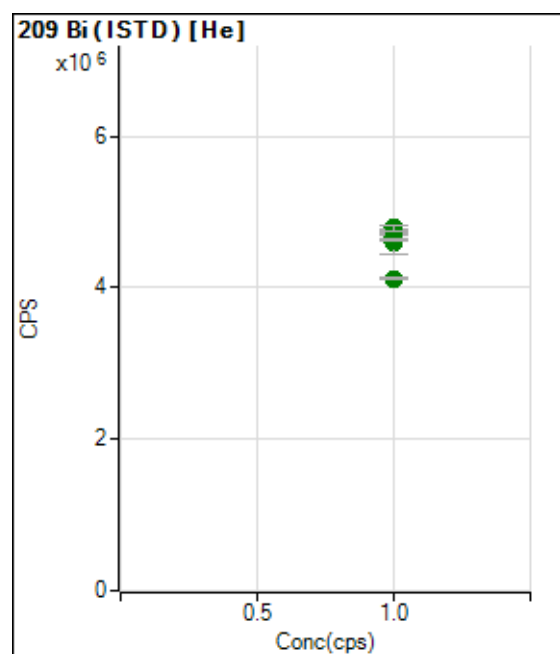
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10607123.31		A	1.9
2	☐	1.000		10449300.61		A	0.7
3	☐	1.000		10669084.36		A	0.6
4	☐	1.000		10575440.67		A	0.6
5	☐	1.000		10759963.87		A	0.4
6	☐	1.000		10953370.95		A	1.4
7	☐	1.000		10953771.23		A	0.7
8	☐	1.000		10282893.32		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6311314.35		A	7.4
2	☐	1.000		6454941.43		A	0.6
3	☐	1.000		6649752.40		A	0.8
4	☐	1.000		6566244.00		A	1.6
5	☐	1.000		6678544.07		A	0.4
6	☐	1.000		6830215.66		A	1.7
7	☐	1.000		6725705.94		A	0.4
8	☐	1.000		6455119.35		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6729365.74		A	2.2
2	☐	1.000		6498734.21		A	1.2
3	☐	1.000		6684744.90		A	0.3
4	☐	1.000		6678952.26		A	0.2
5	☐	1.000		6787507.75		A	0.9
6	☐	1.000		6830241.57		A	0.6
7	☐	1.000		6734152.61		A	1.1
8	☐	1.000		5898710.33		A	4.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4596871.25		A	6.9
2	☐	1.000		4672169.06		A	1.3
3	☐	1.000		4769388.82		A	0.3
4	☐	1.000		4765129.31		A	2.1
5	☐	1.000		4757359.48		A	0.7
6	☐	1.000		4790297.88		A	1.3
7	☐	1.000		4633056.39		A	0.3
8	☐	1.000		4121310.11		A	0.9