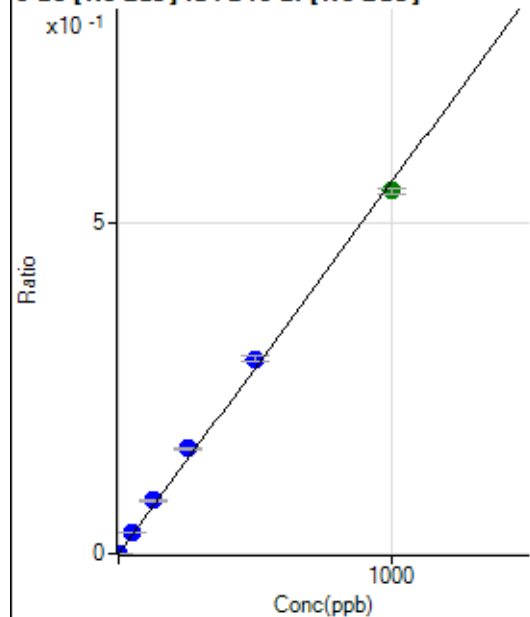


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092324-MS1.b\
 Analysis File: P7092324-MS1.batch.bin
 DA Date-Time: 2024-09-23 17:57:29
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-23 13:37:24
2	005CALS.d	S02	2024-09-23 13:40:41
3	006CALS.d	S03	2024-09-23 13:43:59
4	007CALS.d	S04	2024-09-23 13:47:03
5	008CALS.d	S05	2024-09-23 13:50:00
6	009CALS.d	S06	2024-09-23 13:52:50
7	010CALS.d	S07	2024-09-23 13:55:37
8	011CALS.d	S08	2024-09-23 13:58:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	66.6
2	☐	1.000	1.252	1618.99	0.0007	P	5.2
3	☐	50.000	58.144	78800.96	0.0326	P	1.5
4	☐	125.000	143.188	199319.49	0.0803	P	2.1
5	☐	250.000	283.242	405856.83	0.1588	P	1.8
6	☐	500.000	524.367	807449.18	0.2939	P	2.9
7	☐	1000.000	976.825	1515559.04	0.5475	A	1.7
8	☐			172.22	0.0001	P	12.1

$$y = 5.6046E-004 * x + 5.7715E-006$$

$$R = 0.9989$$

$$DL = 0.02058$$

$$BEC = 0.0103$$

Weight: <None>

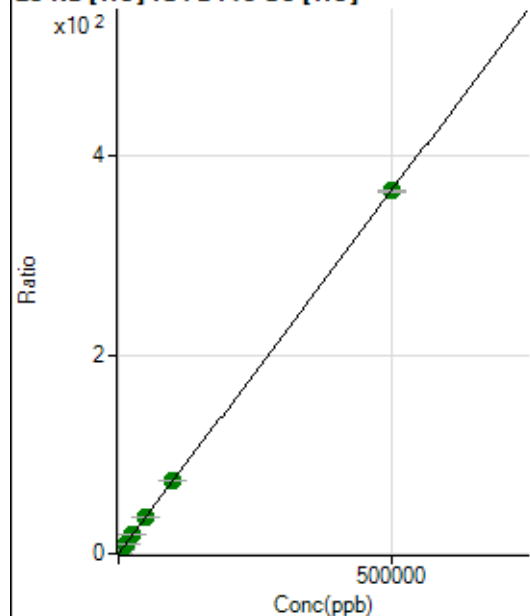
Min Conc: 0

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	11577.78	0.0184	P	0.1
2	☐	500.000	536.740	258395.89	0.4104	P	2.3
3	☐	5000.000	5017.720	2307751.02	3.6833	A	0.1
4	☐	12500.000	12549.746	5650157.07	9.1847	A	0.5
5	☐	25000.000	25383.227	10768161.58	18.5583	A	0.1
6	☐	50000.000	50989.249	20444097.61	37.2608	A	0.9
7	☐	100000.00	100807.49	40974425.78	73.6480	A	0.4
8	☐	500000.00	499718.95	212400770.1	365.0121	A	0.3

$$y = 7.3040\text{E-}004 * x + 0.0184$$

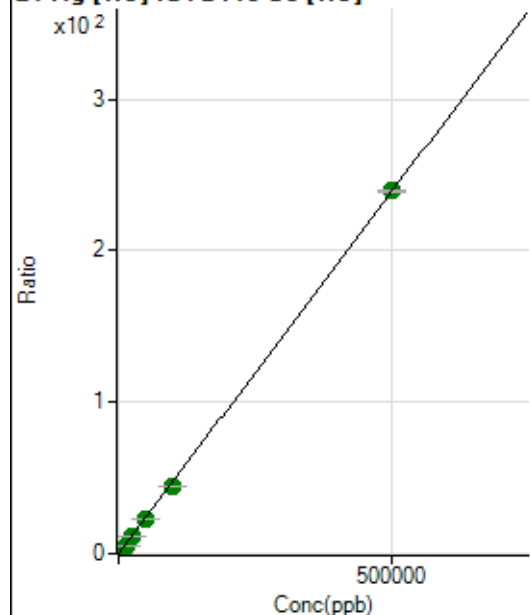
$$R = 1.0000$$

$$DL = 0.1032$$

$$BEC = 25.18$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	538.91	0.0009	P	3.7
2	☐	500.000	528.590	159364.50	0.2532	P	3.0
3	☐	5000.000	4716.895	1411145.47	2.2523	A	0.3
4	☐	12500.000	11885.022	3490316.44	5.6737	A	0.2
5	☐	25000.000	23721.710	6570068.30	11.3234	A	0.7
6	☐	50000.000	47536.366	12449320.23	22.6903	A	1.2
7	☐	100000.00	93551.029	24843074.07	44.6534	A	0.1
8	☐	500000.00	501618.24	139321205.7	239.4267	A	0.5

$$y = 4.7731E-004 * x + 8.5638E-004$$

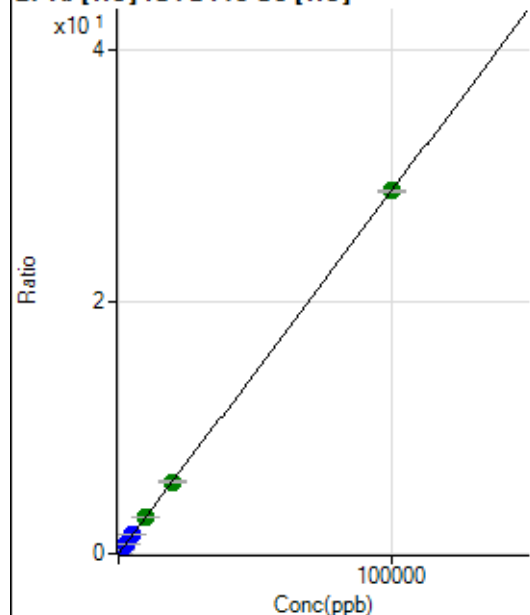
$$R = 0.9999$$

$$DL = 0.2013$$

$$BEC = 1.794$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	135.56	0.0002	P	8.9
2	☐	20.000	22.060	4140.60	0.0066	P	4.0
3	☐	1000.000	1042.003	188431.02	0.3008	P	0.7
4	☐	2500.000	2614.936	464129.33	0.7544	P	1.2
5	☐	5000.000	5203.750	871004.60	1.5011	P	0.3
6	☐	10000.000	10054.834	1591441.14	2.9003	A	0.5
7	☐	20000.000	19857.719	3186657.35	5.7278	A	0.5
8	☐	100000.00	100009.49	16785265.17	28.8459	A	0.7

$$y = 2.8843E-004 * x + 2.1522E-004$$

$$R = 1.0000$$

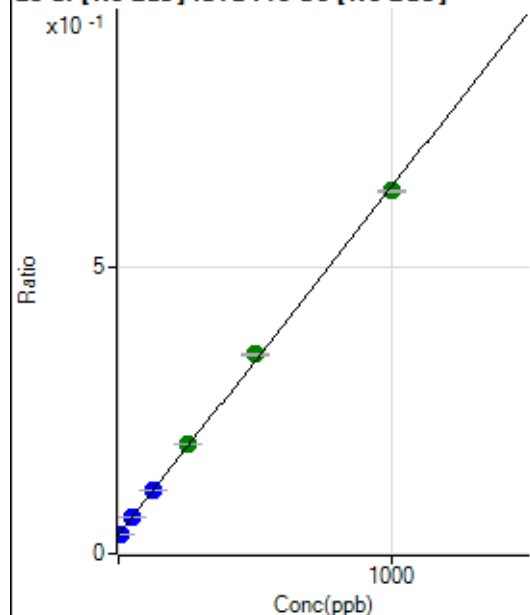
$$DL = 0.1984$$

$$BEC = 0.7462$$

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	251067.90	0.0333	P	0.4
2	☐	10.000	2.047	266845.65	0.0345	P	2.0
3	☐	50.000	48.913	483936.86	0.0630	P	2.3
4	☐	125.000	127.274	845972.11	0.1107	P	1.6
5	☐	250.000	260.842	1451453.21	0.1919	A	1.2
6	☐	500.000	517.678	2553820.10	0.3481	A	1.3
7	☐	1000.000	988.300	4553135.66	0.6342	A	0.8
8	☐			307333.74	0.0435	P	1.8

$$y = 6.0809\text{E-}004 * x + 0.0333$$

$$R = 0.9996$$

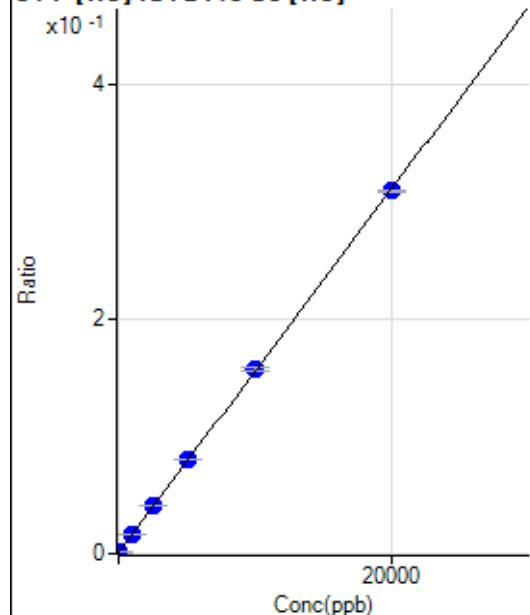
$$DL = 0.6565$$

$$BEC = 54.69$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.997	287.78	0.0005	P	7.5
2	☐	0.000	15.997	600.01	0.0010	P	12.2
3	☐	1000.000	1043.608	10591.52	0.0169	P	3.0
4	☐	2500.000	2574.540	25023.85	0.0407	P	0.3
5	☐	5000.000	5130.105	46624.08	0.0804	P	0.3
6	☐	10000.000	10116.722	86563.97	0.1578	P	1.5
7	☐	20000.000	19897.615	172262.92	0.3096	P	0.5
8	☐			374.45	0.0006	P	13.7

$$y = 1.5526\text{E-}005 * x + 7.0529\text{E-}004$$

$$R = 0.9999$$

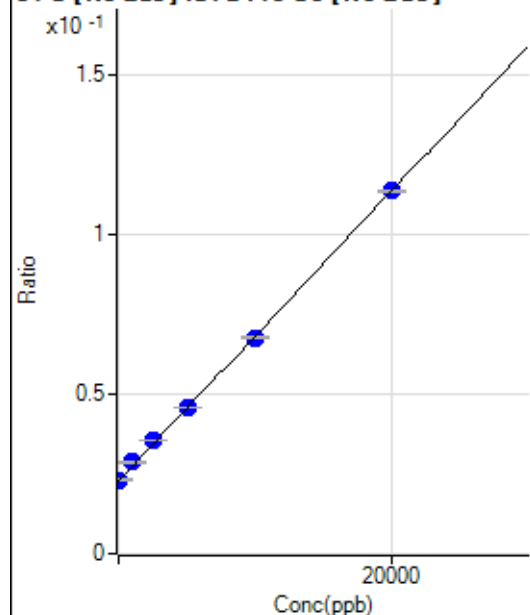
$$DL = 14.55$$

$$BEC = 45.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-27.453	170929.16	0.0226	P	0.4
2	☐	0.000	27.453	177042.34	0.0229	P	2.4
3	☐	1000.000	1289.868	219879.68	0.0286	P	1.8
4	☐	2500.000	2764.349	270025.46	0.0353	P	0.4
5	☐	5000.000	5071.484	346431.53	0.0458	P	0.3
6	☐	10000.000	9890.340	496582.97	0.0677	P	0.6
7	☐	20000.000	19989.422	815000.48	0.1135	P	0.6
8	☐			137023.37	0.0194	P	3.3

$$y = 4.5405\text{E-}006 * x + 0.0228$$

$$R = 0.9998$$

$$DL = 212.6$$

$$BEC = 5014$$

Weight: <None>

Min Conc: 0

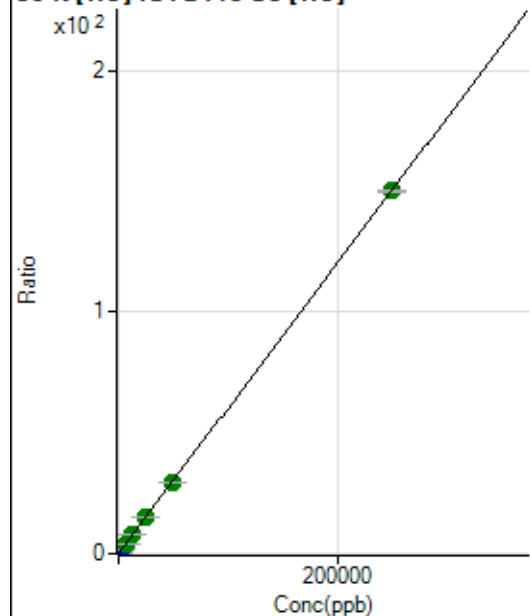
35 Cl [No Gas] No available calibration points



	R _j 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	42953.88	0.0682	P	1.4
2	☐	500.000	557.628	253526.32	0.4027	P	2.3
3	☐	2500.000	2730.009	1068572.02	1.7056	P	0.7
4	☐	6250.000	6387.663	2398776.77	3.8994	A	0.6
5	☐	12500.000	12683.621	4453434.07	7.6755	A	1.0
6	☐	25000.000	24997.764	8263682.10	15.0611	A	0.8
7	☐	50000.000	49504.492	16556796.70	29.7594	A	0.1
8	☐	250000.00	250084.28	87319169.81	150.0607	A	0.9

$$y = 5.9977\text{E-}004 * x + 0.0682$$

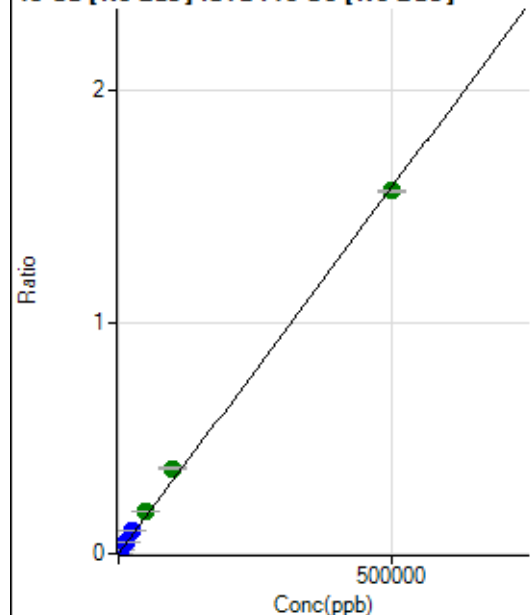
$$R = 1.0000$$

$$DL = 4.856$$

$$BEC = 113.8$$

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	420.01	0.0001	P	9.5
2	☐	500.000	550.066	13883.11	0.0018	P	2.0
3	☐	5000.000	6158.618	150019.71	0.0195	P	2.2
4	☐	12500.000	15464.267	374281.85	0.0490	P	1.0
5	☐	25000.000	30482.535	729604.10	0.0964	P	0.5
6	☐	50000.000	57806.089	1341680.03	0.1828	A	0.8
7	☐	100000.00	116586.73	2647108.66	0.3687	A	1.1
8	☐	500000.00	495542.17	11082309.69	1.5670	A	0.7

$$y = 3.1621\text{E-}006 * x + 5.5628\text{E-}005$$

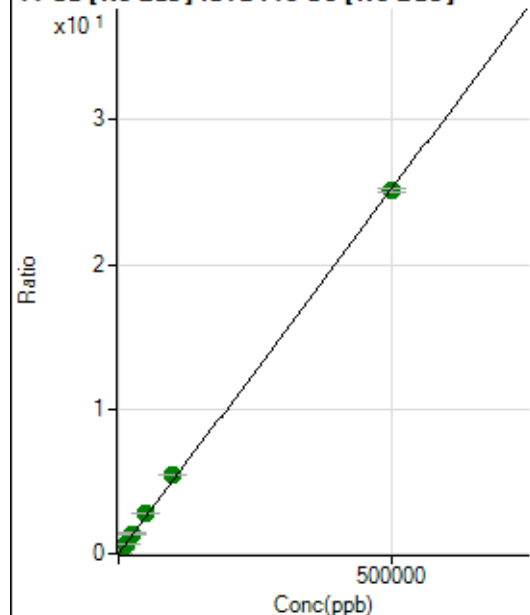
$$R = 0.9994$$

$$DL = 5.011$$

$$BEC = 17.59$$

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	6632.63	0.0009	P	2.7
2	☐	500.000	544.722	219143.84	0.0283	P	1.4
3	☐	5000.000	5463.159	2121701.55	0.2762	A	2.5
4	☐	12500.000	13849.920	5343368.43	0.6989	A	1.0
5	☐	25000.000	27608.703	10532502.62	1.3923	A	1.6
6	☐	50000.000	54654.181	20218107.34	2.7554	A	1.1
7	☐	100000.00	108538.80	39279148.58	5.4712	A	1.4
8	☐	500000.00	497657.96	177377710.6	25.0827	A	1.0

$$y = 5.0400\text{E-}005 * x + 8.7865\text{E-}004$$

$$R = 0.9998$$

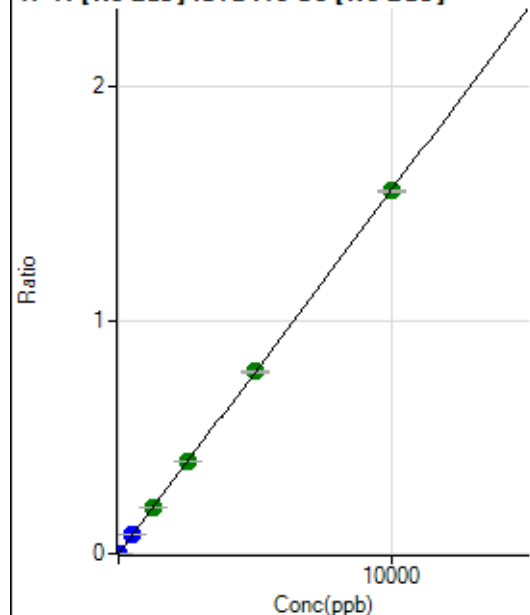
$$DL = 1.433$$

$$BEC = 17.43$$

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	135.56	0.0000	P	3.4
2	☐	5.000	4.886	6024.59	0.0008	P	1.9
3	☐	500.000	520.712	623099.36	0.0811	P	2.3
4	☐	1250.000	1281.528	1526102.51	0.1996	A	1.2
5	☐	2500.000	2548.940	3003275.86	0.3970	A	1.1
6	☐	5000.000	5007.889	5723522.49	0.7800	A	0.5
7	☐	10000.000	9978.844	11157493.31	1.5542	A	0.6
8	☐			2362.43	0.0003	P	4.3

$$y = 1.5575E-004 * x + 1.7955E-005$$

$$R = 1.0000$$

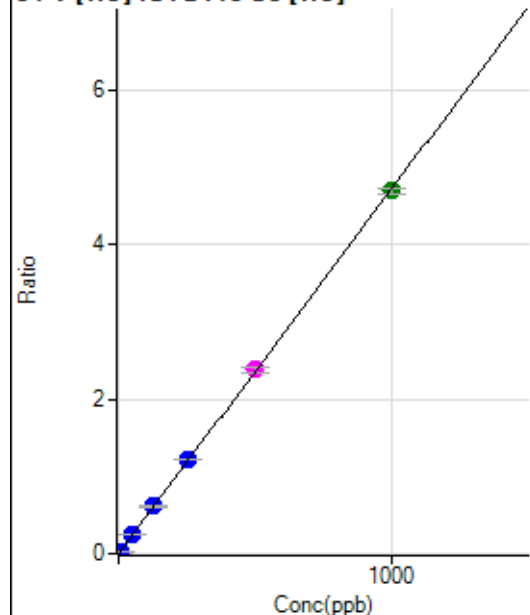
$$DL = 0.0117$$

$$BEC = 0.1153$$

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	5.55	0.0000	P	125.
2	☐	5.000	5.372	15969.65	0.0254	P	2.9
3	☐	50.000	51.546	152443.17	0.2433	P	0.8
4	☐	125.000	129.592	376326.29	0.6117	P	1.1
5	☐	250.000	258.144	707033.04	1.2185	P	0.3
6	☐	500.000	504.326	1305976.84	2.3806	M	3.3
7	☐	1000.000	995.148	2613467.41	4.6975	A	1.3
8	☐			731.14	0.0013	P	12.8

$$y = 0.0047 * x + 8.9282E-006$$

$$R = 0.9999$$

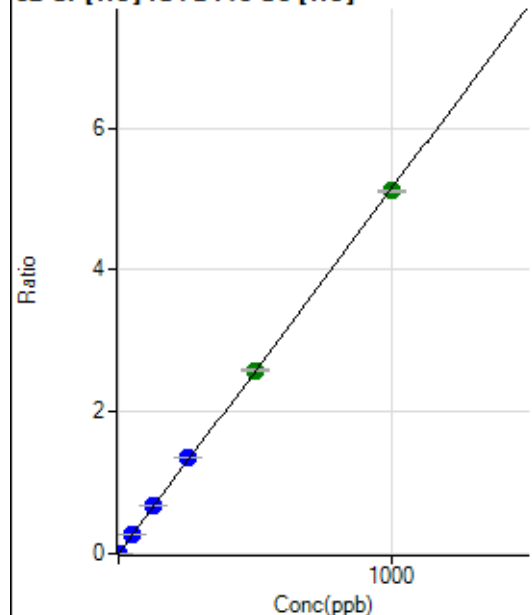
$$DL = 0.007138$$

$$BEC = 0.001891$$

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	1037.83	0.0016	P	3.7
2	☐	2.000	2.192	8132.26	0.0129	P	4.2
3	☐	50.000	52.871	171388.11	0.2736	P	0.2
4	☐	125.000	132.501	420209.98	0.6831	P	0.3
5	☐	250.000	262.900	785432.56	1.3537	P	0.8
6	☐	500.000	502.969	1420165.61	2.5883	A	0.6
7	☐	1000.000	994.209	2845537.70	5.1146	A	0.6
8	☐			15532.51	0.0267	P	0.9

$$y = 0.0051 * x + 0.0016$$

$$R = 0.9999$$

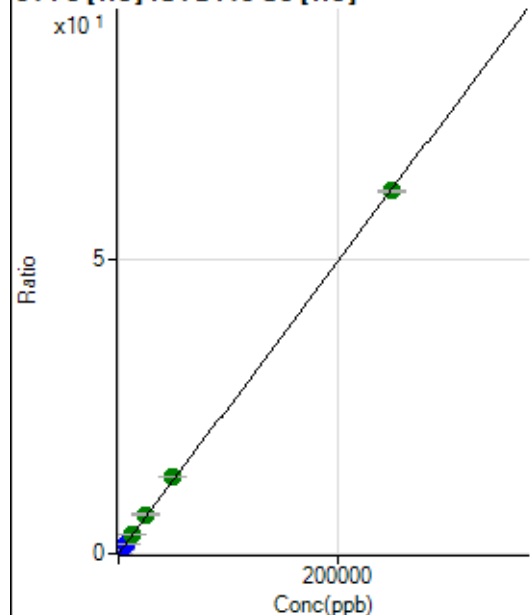
$$DL = 0.03541$$

$$BEC = 0.3205$$

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	1376.75	0.0022	P	2.6
2	☐	50.000	60.481	10783.95	0.0171	P	3.7
3	☐	2500.000	2884.343	447832.17	0.7148	P	0.4
4	☐	6250.000	7248.051	1102953.37	1.7929	P	0.1
5	☐	12500.000	13674.427	1961523.93	3.3806	A	0.3
6	☐	25000.000	27014.659	3663163.59	6.6764	A	1.0
7	☐	50000.000	52445.591	7210018.71	12.9594	A	0.7
8	☐	250000.00	249221.89	35830265.58	61.5750	A	0.2

$$y = 2.4706E-004 * x + 0.0022$$

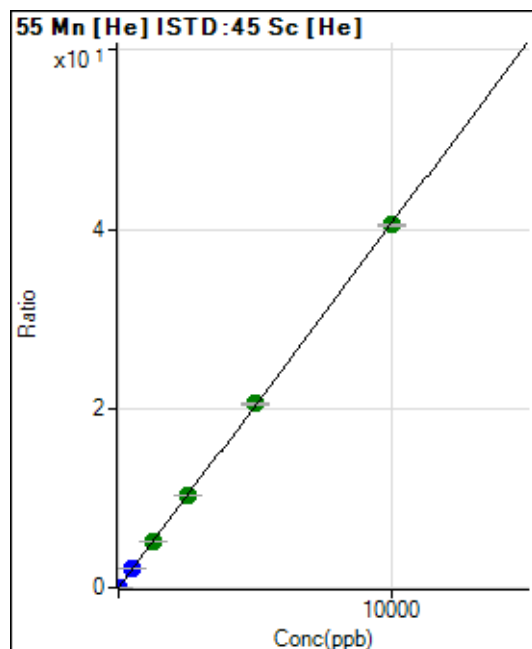
$$R = 0.9999$$

$$DL = 0.6894$$

$$BEC = 8.854$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	220.00	0.0003	P	7.3
2	☐	1.000	1.113	3068.12	0.0049	P	0.8
3	☐	500.000	525.536	1338052.39	2.1357	P	0.5
4	☐	1250.000	1270.961	3177226.86	5.1645	A	1.1
5	☐	2500.000	2541.501	5991977.20	10.3270	A	0.6
6	☐	5000.000	5049.443	11257603.44	20.5174	A	0.8
7	☐	10000.000	9961.006	22517822.16	40.4741	A	0.5
8	☐			13264.87	0.0228	P	2.8

$$y = 0.0041 * x + 3.4964E-004$$

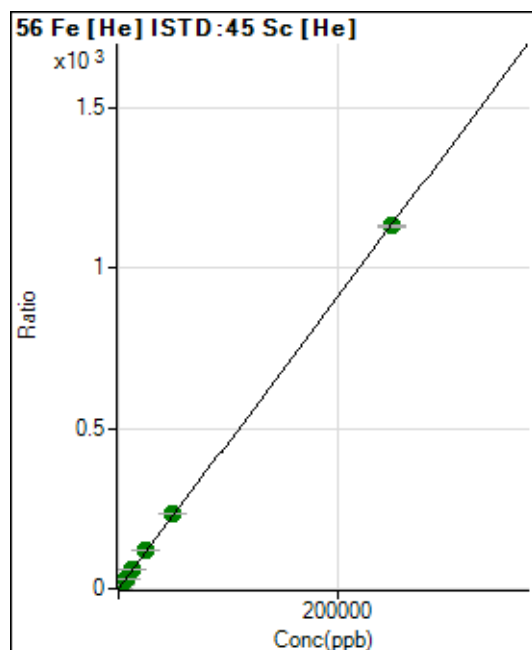
R = 1.0000

DL = 0.01875

BEC = 0.08605

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10652.73	0.0169	P	1.3
2	☐	50.000	58.341	177189.65	0.2815	P	2.8
3	☐	2500.000	2665.742	7583409.19	12.1043	A	0.7
4	☐	6250.000	6677.644	18637485.14	30.2957	A	0.6
5	☐	12500.000	13304.677	35013511.70	60.3449	A	0.3
6	☐	25000.000	26474.210	65876810.68	120.0602	A	0.3
7	☐	50000.000	52089.079	131414930.2	236.2069	A	0.1
8	☐	250000.00	249382.17	658006945.7	1,130.802	A	0.4

$$y = 0.0045 * x + 0.0169$$

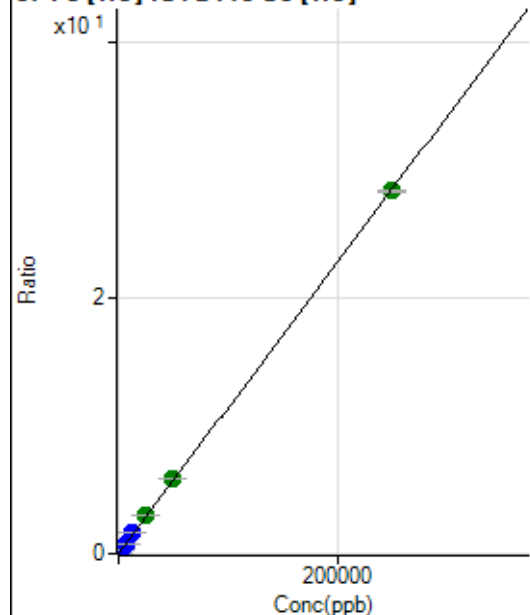
R = 1.0000

DL = 0.148

BEC = 3.733

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	1217.84	0.0019	P	7.5
2	☐	50.000	60.047	5522.17	0.0088	P	4.8
3	☐	2500.000	2832.475	203332.45	0.3245	P	0.1
4	☐	6250.000	7084.222	497551.36	0.8088	P	0.7
5	☐	12500.000	14128.992	934812.84	1.6111	P	0.6
6	☐	25000.000	26462.238	1654748.46	3.0158	A	0.8
7	☐	50000.000	51647.369	3273737.35	5.8842	A	0.6
8	☐	250000.00	249418.67	16531130.45	28.4090	A	0.3

$$y = 1.1389\text{E-}004 * x + 0.0019$$

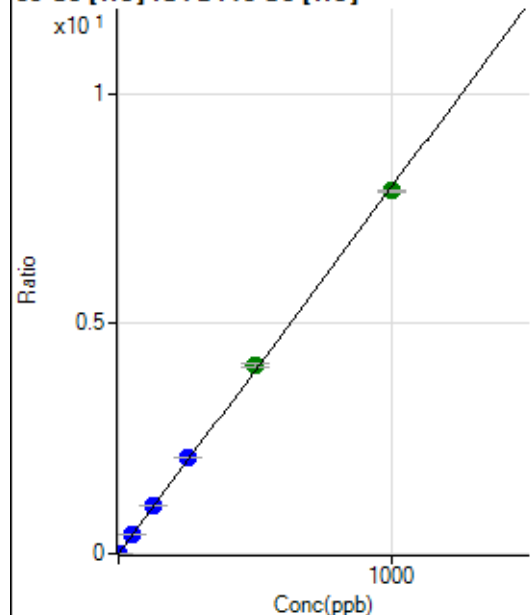
$$R = 1.0000$$

$$DL = 3.828$$

$$BEC = 17$$

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	43.33	0.0001	P	27.3
2	☐	1.000	1.117	5643.34	0.0090	P	5.5
3	☐	50.000	53.020	264720.69	0.4225	P	0.6
4	☐	125.000	132.664	650324.37	1.0571	P	0.3
5	☐	250.000	261.390	1208538.49	2.0828	P	0.4
6	☐	500.000	512.913	2242321.95	4.0870	A	1.6
7	☐	1000.000	989.587	4386906.22	7.8851	A	0.8
8	☐			12408.55	0.0213	P	1.3

$$y = 0.0080 * x + 6.8937\text{E-}005$$

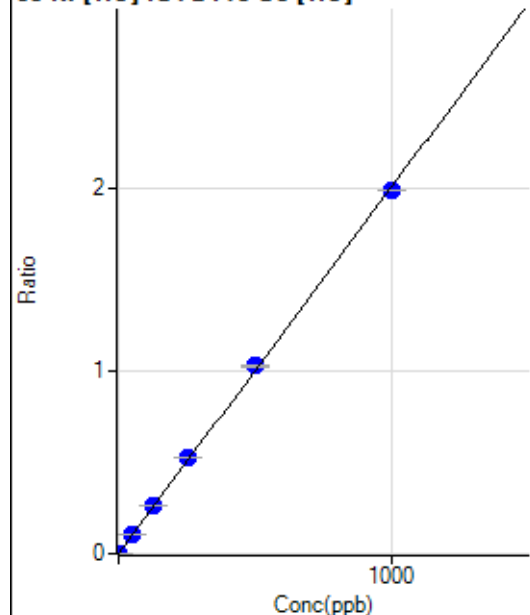
$$R = 0.9998$$

$$DL = 0.007075$$

$$BEC = 0.008652$$

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	212.22	0.0003	P	11.7
2	☐	1.000	1.130	1640.11	0.0026	P	3.5
3	☐	50.000	53.209	67096.92	0.1071	P	0.7
4	☐	125.000	133.460	164928.91	0.2681	P	0.2
5	☐	250.000	261.058	304089.46	0.5241	P	0.7
6	☐	500.000	512.592	564452.59	1.0288	P	1.0
7	☐	1000.000	989.721	1104934.77	1.9860	P	0.0
8	☐			5844.52	0.0100	P	0.9

$$y = 0.0020 * x + 3.3712E-004$$

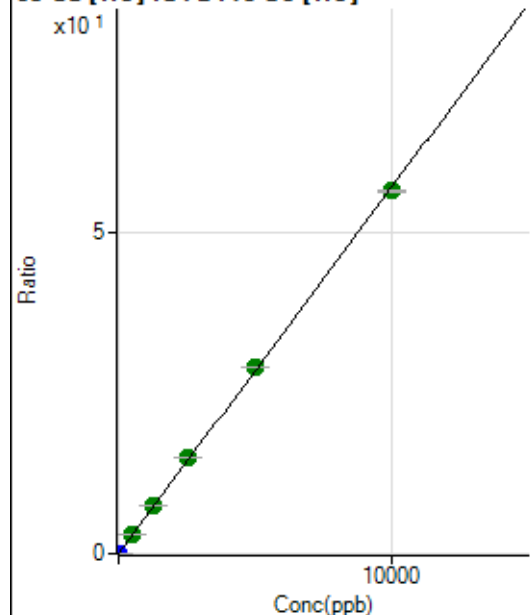
$$R = 0.9998$$

$$DL = 0.05913$$

$$BEC = 0.168$$

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	670.02	0.0011	P	5.9
2	☐	2.000	2.116	8256.79	0.0131	P	3.7
3	☐	500.000	532.482	1900804.94	3.0338	A	0.2
4	☐	1250.000	1326.784	4649385.24	7.5577	A	1.1
5	☐	2500.000	2613.473	8637280.01	14.8860	A	0.3
6	☐	5000.000	5107.657	15962776.71	29.0916	A	0.3
7	☐	10000.000	9906.581	31391461.48	56.4237	A	0.4
8	☐			6833.84	0.0117	P	4.9

$$y = 0.0057 * x + 0.0011$$

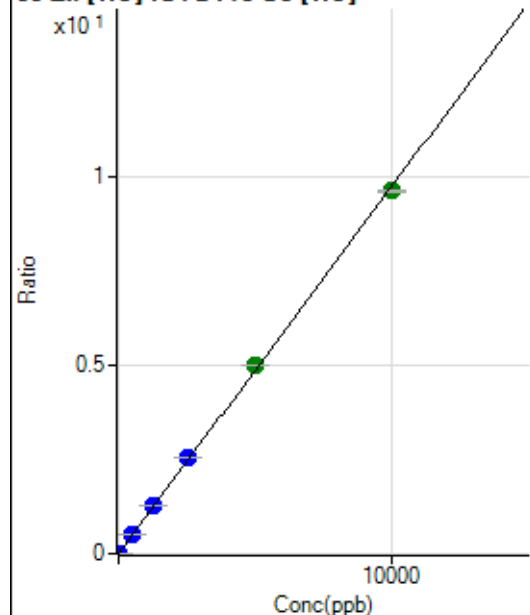
$$R = 0.9998$$

$$DL = 0.03333$$

$$BEC = 0.1869$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.56	0.0006	P	20.9
2	☐	5.000	5.657	3858.31	0.0061	P	2.2
3	☐	500.000	525.453	320380.53	0.5114	P	0.6
4	☐	1250.000	1322.874	791406.91	1.2865	P	0.6
5	☐	2500.000	2627.862	1482421.52	2.5549	P	0.5
6	☐	5000.000	5141.388	2742518.26	4.9981	A	0.7
7	☐	10000.000	9886.958	5347037.49	9.6108	A	0.5
8	☐			2890.31	0.0050	P	0.9

$$y = 9.7201\text{E-}004 * x + 6.2847\text{E-}004$$

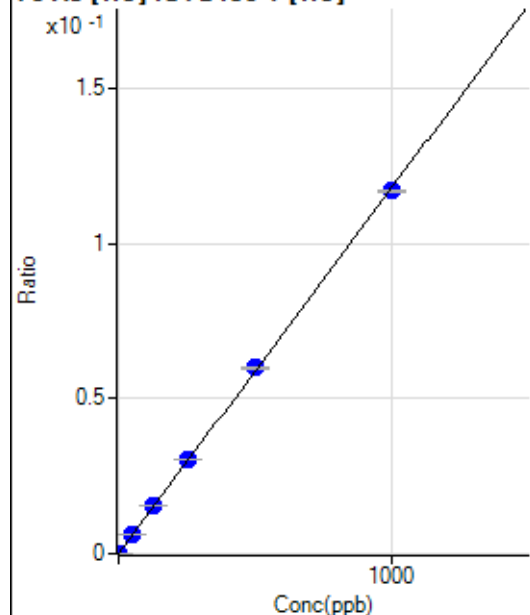
$$R = 0.9997$$

$$DL = 0.406$$

$$BEC = 0.6466$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	1.000	1.121	504.46	0.0001	P	3.8
3	☐	50.000	52.951	23591.04	0.0063	P	0.1
4	☐	125.000	131.631	58321.69	0.0155	P	1.4
5	☐	250.000	259.136	109101.41	0.0306	P	0.5
6	☐	500.000	508.404	204536.24	0.0600	P	1.4
7	☐	1000.000	992.537	408531.00	0.1172	P	0.6
8	☐			304.45	0.0001	P	5.6

$$y = 1.1805\text{E-}004 * x + 1.1897\text{E-}006$$

$$R = 0.9999$$

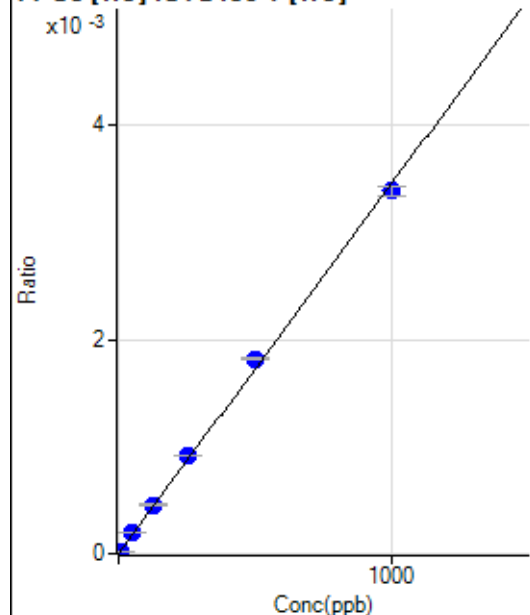
$$DL = 0.03499$$

$$BEC = 0.01008$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.933	64.45	0.0000	P	9.4
3	☐	50.000	57.332	746.69	0.0002	P	3.1
4	☐	125.000	131.226	1700.11	0.0005	P	2.3
5	☐	250.000	266.042	3275.95	0.0009	P	0.7
6	☐	500.000	527.708	6209.13	0.0018	P	0.8
7	☐	1000.000	980.991	11808.12	0.0034	P	2.5
8	☐			3.33	0.0000	P	173.

$$y = 3.4525\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

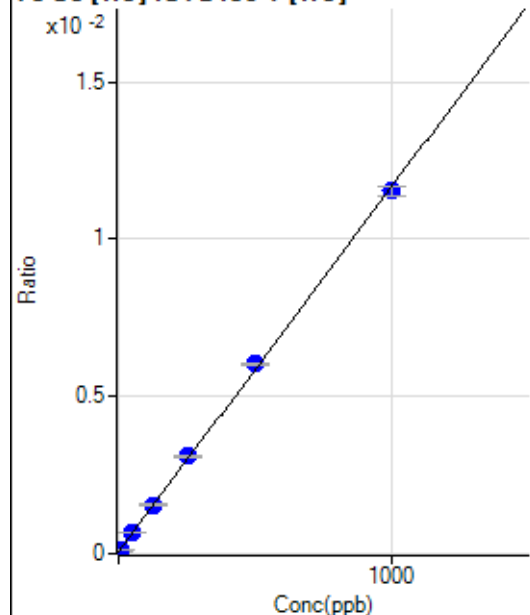
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	235.56	0.0001	P	4.7
2	☐	5.000	4.947	453.35	0.0001	P	4.6
3	☐	50.000	53.749	2586.92	0.0007	P	3.3
4	☐	125.000	128.899	5845.66	0.0016	P	2.2
5	☐	250.000	261.138	11021.95	0.0031	P	0.3
6	☐	500.000	514.678	20551.00	0.0060	P	0.7
7	☐	1000.000	989.202	40205.55	0.0115	P	2.3
8	☐			176.67	0.0001	P	7.9

$$y = 1.1595\text{E-}005 * x + 6.2547\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.7561$$

$$BEC = 5.394$$

Weight: <None>

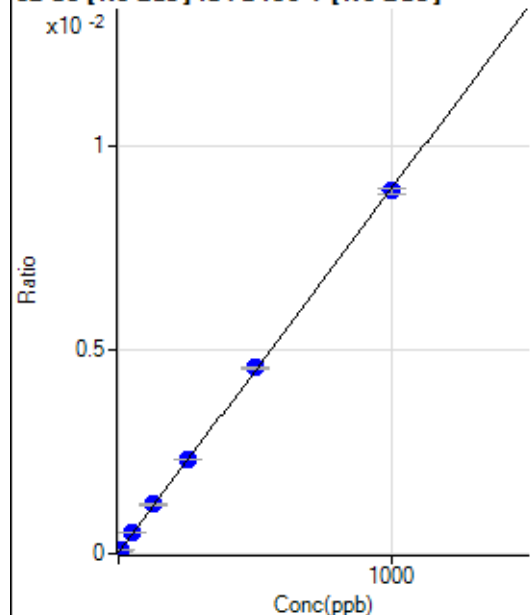
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7634.26		P	1.0
2	☐			7743.22		P	2.9
3	☐			8140.08		P	1.6
4	☐			7791.01		P	4.0
5	☐			7274.07		P	2.4
6	☐			6873.90		P	3.6
7	☐			6639.34		P	0.8
8	☐			7834.37		P	1.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	6.3
2	☐			66.67		P	47.7
3	☐			57.78		P	28.5
4	☐			50.00		P	43.7
5	☐			67.78		P	17.3
6	☐			63.33		P	15.8
7	☐			81.11		P	15.6
8	☐			88.89		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	422.40	0.0000	P	1.5
2	☐	5.000	5.549	1156.85	0.0001	P	8.7
3	☐	50.000	52.983	7408.58	0.0005	P	1.1
4	☐	125.000	132.015	17770.32	0.0012	P	1.2
5	☐	250.000	255.878	33564.60	0.0023	P	1.6
6	☐	500.000	507.375	63527.26	0.0046	P	0.7
7	☐	1000.000	993.814	123646.16	0.0089	P	1.8
8	☐			541.95	0.0000	P	12.8

$$y = 8.9194\text{E-}006 * x + 2.8742\text{E-}005$$

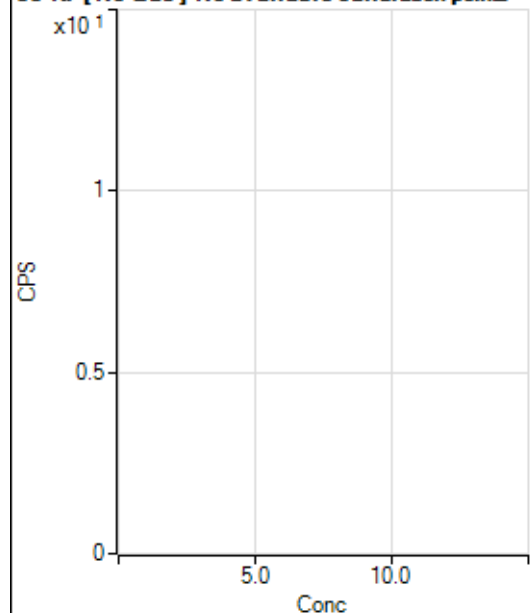
$$R = 0.9999$$

$$DL = 0.1479$$

$$BEC = 3.222$$

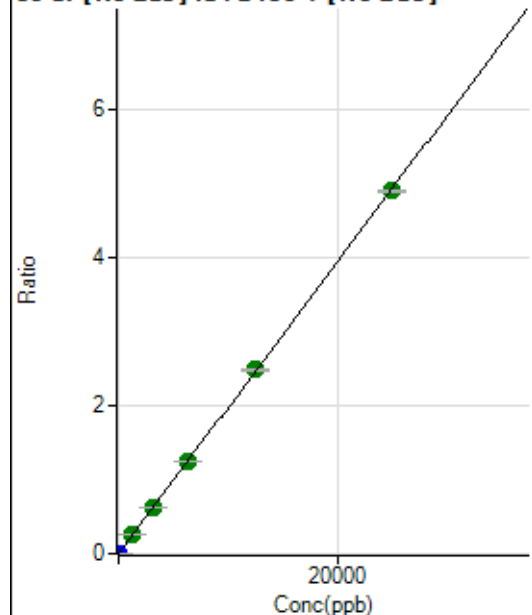
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			175.56		P	27.5
2	☐			177.78		P	17.4
3	☐			174.45		P	14.1
4	☐			146.67		P	10.4
5	☐			163.34		P	27.5
6	☐			181.11		P	8.3
7	☐			165.56		P	4.2
8	☐			181.12		P	18.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	7.6
2	☐	1.000	1.064	3411.54	0.0002	P	2.5
3	☐	1250.000	1292.529	3750492.97	0.2538	A	1.1
4	☐	3125.000	3203.228	9265469.79	0.6289	A	1.5
5	☐	6250.000	6304.737	17979416.81	1.2379	A	0.9
6	☐	12500.000	12637.691	34612668.65	2.4813	A	0.8
7	☐	25000.000	24905.565	67994048.99	4.8900	A	0.4
8	☐			10163.59	0.0008	P	1.5

$$y = 1.9634\text{E-}004 * x + 2.1695\text{E-}005$$

$$R = 1.0000$$

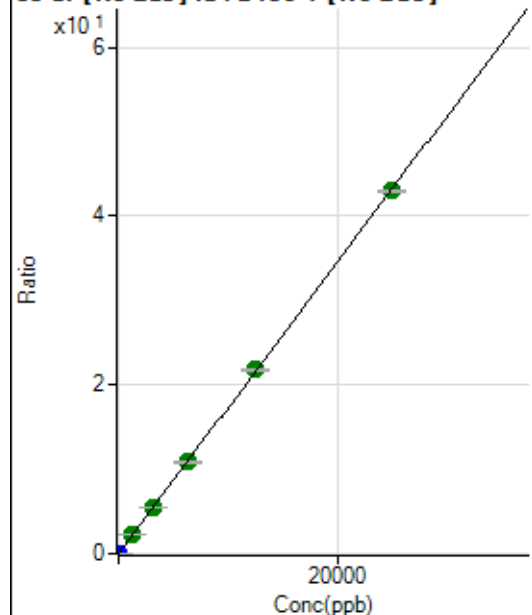
$$DL = 0.02529$$

$$BEC = 0.1105$$

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	251.12	0.0000	P	10.9
2	☐	1.000	1.040	26784.47	0.0018	P	0.9
3	☐	1250.000	1271.678	32409271.74	2.1931	A	0.2
4	☐	3125.000	3205.927	81451536.56	5.5288	A	1.0
5	☐	6250.000	6304.015	157898065.4	10.8717	A	1.2
6	☐	12500.000	12615.520	303478553.2	21.7562	A	1.1
7	☐	25000.000	24917.536	597501804.4	42.9718	A	0.6
8	☐			86590.60	0.0065	P	2.6

$$y = 0.0017 * x + 1.7087\text{E-}005$$

$$R = 1.0000$$

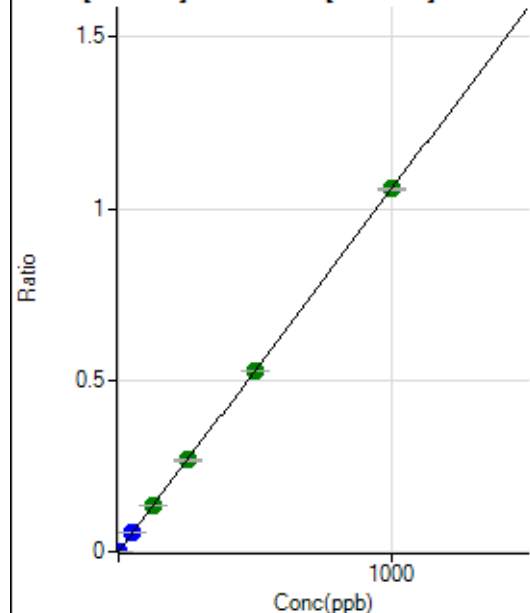
$$DL = 0.003226$$

$$BEC = 0.009908$$

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	735.58	0.0001	P	4.1
2	☐	1.000	1.002	16419.29	0.0011	P	0.6
3	☐	50.000	50.864	795680.74	0.0538	P	0.3
4	☐	125.000	126.199	1967081.08	0.1335	A	0.3
5	☐	250.000	251.857	3869398.55	0.2664	A	1.0
6	☐	500.000	498.401	7353355.59	0.5272	A	0.5
7	☐	1000.000	1000.142	14707868.11	1.0578	A	0.8
8	☐			8961.69	0.0007	P	0.7

$$y = 0.0011 * x + 5.0054E-005$$

$$R = 1.0000$$

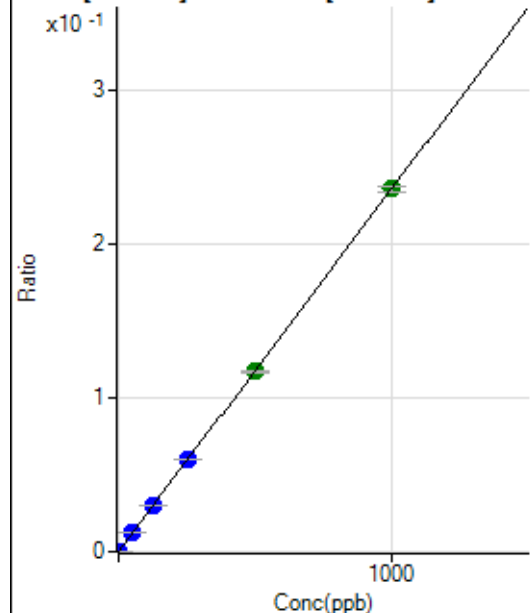
$$DL = 0.005805$$

$$BEC = 0.04733$$

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	142.23	0.0000	P	14.7
2	☐	1.000	1.011	3669.38	0.0002	P	5.7
3	☐	50.000	51.164	178429.32	0.0121	P	0.2
4	☐	125.000	126.739	440415.01	0.0299	P	1.1
5	☐	250.000	252.981	866546.05	0.0597	P	0.8
6	☐	500.000	497.204	1635507.51	0.1172	A	1.2
7	☐	1000.000	1000.377	3279908.87	0.2359	A	1.7
8	☐			2042.38	0.0002	P	2.1

$$y = 2.3580E-004 * x + 9.6744E-006$$

$$R = 1.0000$$

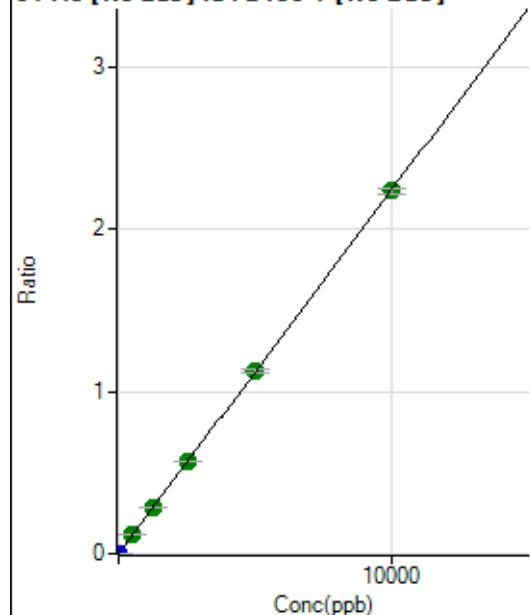
$$DL = 0.01815$$

$$BEC = 0.04103$$

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	332.23	0.0000	P	15.3
2	☐	5.000	5.907	19910.26	0.0013	P	1.9
3	☐	500.000	505.297	1672843.59	0.1132	A	0.6
4	☐	1250.000	1274.947	4207374.87	0.2856	A	1.0
5	☐	2500.000	2530.804	8233237.79	0.5669	A	1.3
6	☐	5000.000	5021.924	15690546.85	1.1249	A	1.2
7	☐	10000.000	9977.953	31074644.81	2.2349	A	1.4
8	☐			9376.41	0.0007	P	4.1

$$y = 2.2398\text{E-}004 * x + 2.2600\text{E-}005$$

$$R = 1.0000$$

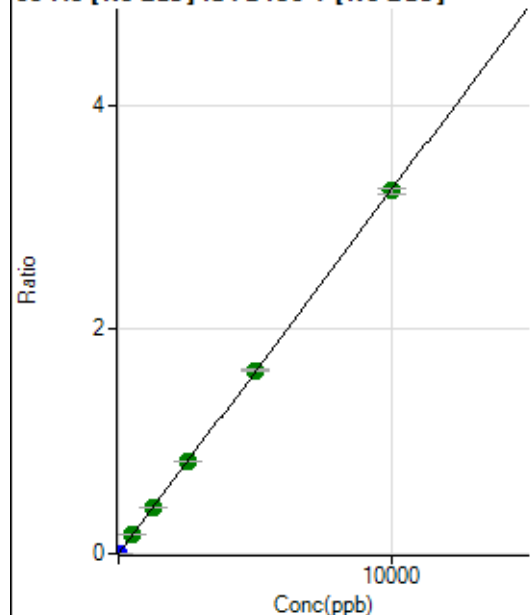
$$DL = 0.04644$$

$$BEC = 0.1009$$

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	127.78	0.0000	P	12.6
2	☐	5.000	4.854	23429.97	0.0016	P	1.8
3	☐	500.000	508.257	2436821.44	0.1649	A	0.6
4	☐	1250.000	1275.284	6095173.24	0.4137	A	1.3
5	☐	2500.000	2530.986	11925664.27	0.8211	A	1.3
6	☐	5000.000	5039.790	22807012.44	1.6350	A	1.3
7	☐	10000.000	9968.785	44966838.78	3.2341	A	1.8
8	☐			10009.05	0.0007	P	0.9

$$y = 3.2442\text{E-}004 * x + 8.6966\text{E-}006$$

$$R = 1.0000$$

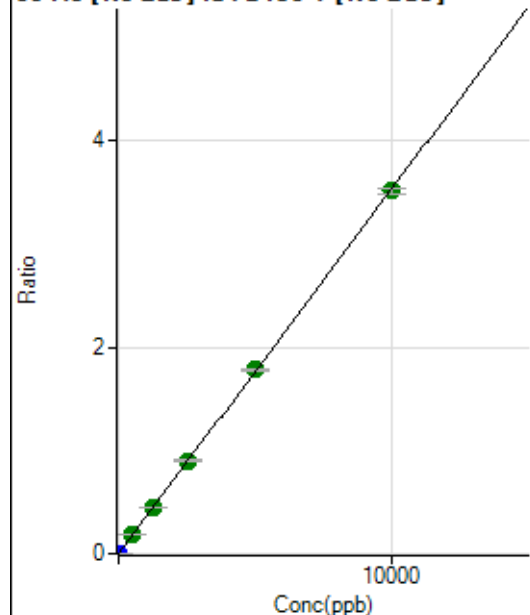
$$DL = 0.01015$$

$$BEC = 0.02681$$

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	207.78	0.0000	P	9.6
2	☐	5.000	5.002	26338.19	0.0018	P	0.8
3	☐	500.000	512.655	2674504.96	0.1810	A	0.2
4	☐	1250.000	1281.213	6662916.22	0.4523	A	1.4
5	☐	2500.000	2545.671	13051505.92	0.8986	A	1.5
6	☐	5000.000	5057.474	24903524.63	1.7853	A	0.8
7	☐	10000.000	9955.311	48862572.05	3.5143	A	1.4
8	☐			19297.28	0.0014	P	3.3

$$y = 3.5300\text{E-}004 * x + 1.4140\text{E-}005$$

$$R = 1.0000$$

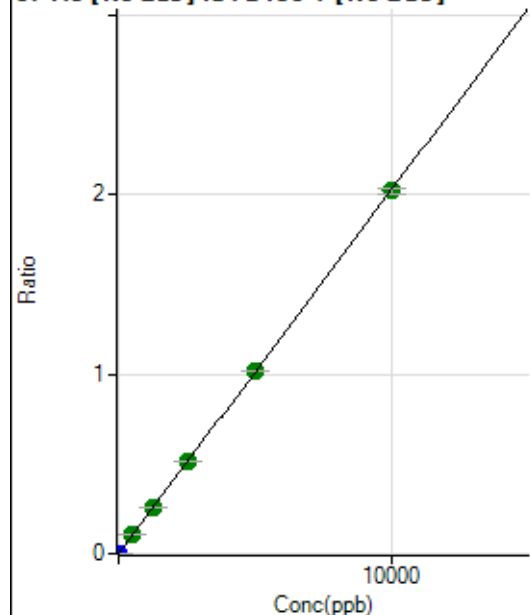
$$DL = 0.01148$$

$$BEC = 0.04006$$

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	66.67	0.0000	P	26.5
2	☐	5.000	4.987	15033.37	0.0010	P	3.7
3	☐	500.000	514.252	1541655.72	0.1043	A	0.7
4	☐	1250.000	1278.502	3820965.22	0.2594	A	1.1
5	☐	2500.000	2541.341	7487865.51	0.5155	A	1.1
6	☐	5000.000	5025.061	14219405.62	1.0194	A	0.7
7	☐	10000.000	9972.859	28128778.47	2.0231	A	1.5
8	☐			6348.10	0.0005	P	3.5

$$y = 2.0286\text{E-}004 * x + 4.5367\text{E-}006$$

$$R = 1.0000$$

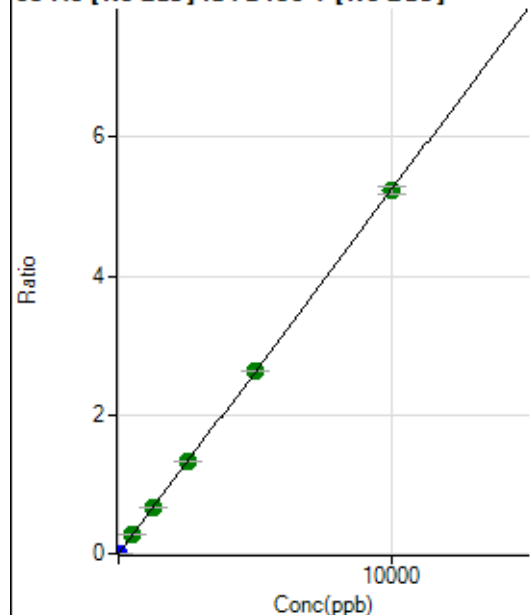
$$DL = 0.01779$$

$$BEC = 0.02236$$

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	233.34	0.0000	P	18.4
2	☐	5.000	4.892	38189.83	0.0026	P	1.1
3	☐	500.000	512.963	3974880.57	0.2690	A	0.4
4	☐	1250.000	1275.370	9851684.30	0.6687	A	1.3
5	☐	2500.000	2549.127	19413034.71	1.3366	A	0.9
6	☐	5000.000	5024.572	36750215.01	2.6345	A	0.7
7	☐	10000.000	9971.613	72694577.81	5.2284	A	2.1
8	☐			15654.04	0.0012	P	1.6

$$y = 5.2433\text{E-}004 * x + 1.5872\text{E-}005$$

$$R = 1.0000$$

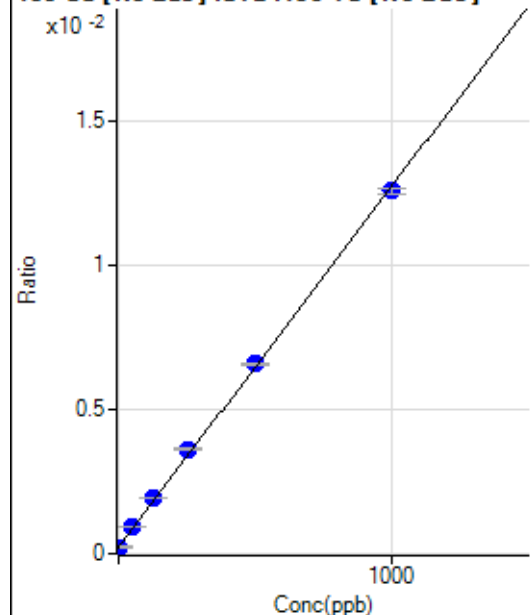
$$DL = 0.0167$$

$$BEC = 0.03027$$

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	3932.79	0.0002	P	1.9
2	☐	1.000	1.244	4235.10	0.0002	P	8.2
3	☐	50.000	56.349	16683.03	0.0009	P	0.7
4	☐	125.000	136.035	34784.95	0.0019	P	0.7
5	☐	250.000	271.205	64142.89	0.0036	P	1.8
6	☐	500.000	508.432	116095.75	0.0066	P	0.4
7	☐	1000.000	988.786	223458.87	0.0126	P	1.2
8	☐			3668.28	0.0002	P	4.0

$$y = 1.2481\text{E-}005 * x + 2.1697\text{E-}004$$

$$R = 0.9997$$

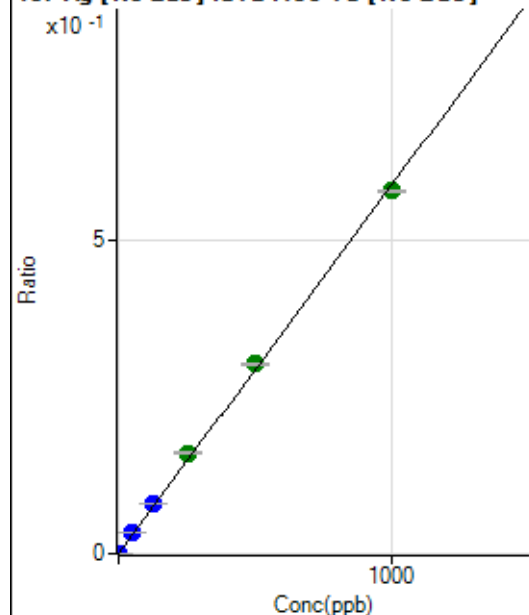
$$DL = 0.9773$$

$$BEC = 17.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	4.8
2	☐	1.000	1.076	11581.36	0.0006	P	2.6
3	☐	50.000	56.187	598136.37	0.0330	P	1.1
4	☐	125.000	137.698	1468834.65	0.0809	P	0.5
5	☐	250.000	271.915	2843333.67	0.1597	A	1.6
6	☐	500.000	515.278	5352044.71	0.3026	A	1.5
7	☐	1000.000	984.986	10291590.68	0.5783	A	0.3
8	☐			1133.39	0.0001	P	13.3

$$y = 5.8715E-004 * x + 4.4749E-006$$

$$R = 0.9995$$

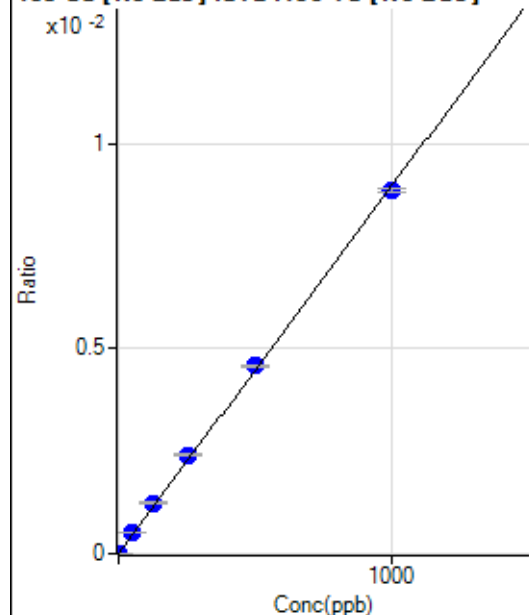
$$DL = 0.001102$$

$$BEC = 0.007621$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.3
2	☐	1.000	1.131	188.89	0.0000	P	15.8
3	☐	50.000	56.495	9171.87	0.0005	P	2.1
4	☐	125.000	137.971	22439.67	0.0012	P	1.6
5	☐	250.000	269.111	42903.27	0.0024	P	1.9
6	☐	500.000	511.524	81004.35	0.0046	P	0.9
7	☐	1000.000	987.514	157303.11	0.0088	P	1.0
8	☐			111.11	0.0000	P	13.1

$$y = 8.9514E-006 * x + 2.4508E-007$$

$$R = 0.9997$$

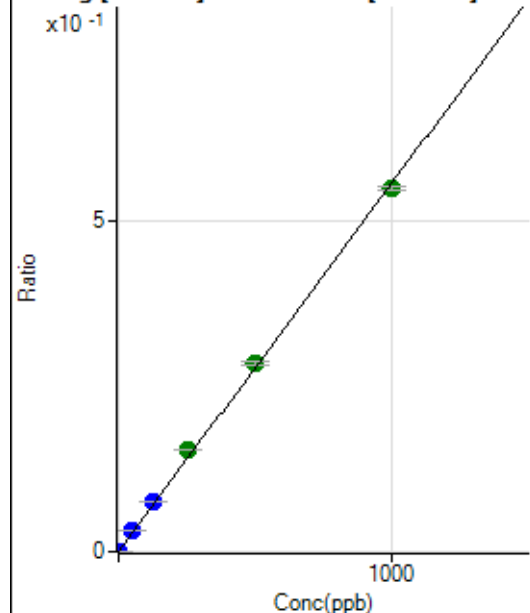
$$DL = 0.03557$$

$$BEC = 0.02738$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	13.2
2	☐	1.000	1.077	10993.12	0.0006	P	3.7
3	☐	50.000	56.227	568779.07	0.0314	P	0.8
4	☐	125.000	137.844	1397248.61	0.0769	P	0.8
5	☐	250.000	275.235	2735163.19	0.1536	A	0.3
6	☐	500.000	512.106	5054649.54	0.2857	A	1.1
7	☐	1000.000	985.721	9787013.95	0.5500	A	1.1
8	☐			1010.04	0.0001	P	10.8

$$y = 5.5796\text{E-}004 * x + 2.7582\text{E-}006$$

$$R = 0.9995$$

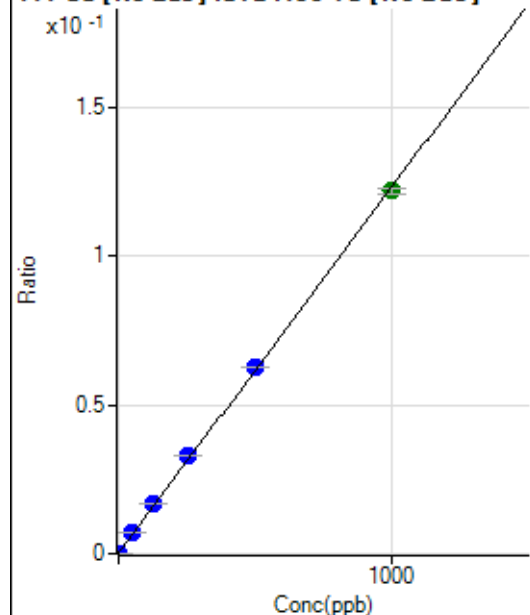
$$DL = 0.001963$$

$$BEC = 0.004943$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2755.40	0.0002	P	1.7
2	☐	1.000	1.142	5323.70	0.0003	P	3.3
3	☐	50.000	54.926	125102.84	0.0069	P	1.1
4	☐	125.000	135.359	304915.47	0.0168	P	0.8
5	☐	250.000	266.764	586468.62	0.0329	P	1.4
6	☐	500.000	507.858	1106626.34	0.0626	P	0.4
7	☐	1000.000	990.338	2168100.61	0.1218	A	1.3
8	☐			3124.48	0.0002	P	3.0

$$y = 1.2288\text{E-}004 * x + 1.5201\text{E-}004$$

$$R = 0.9998$$

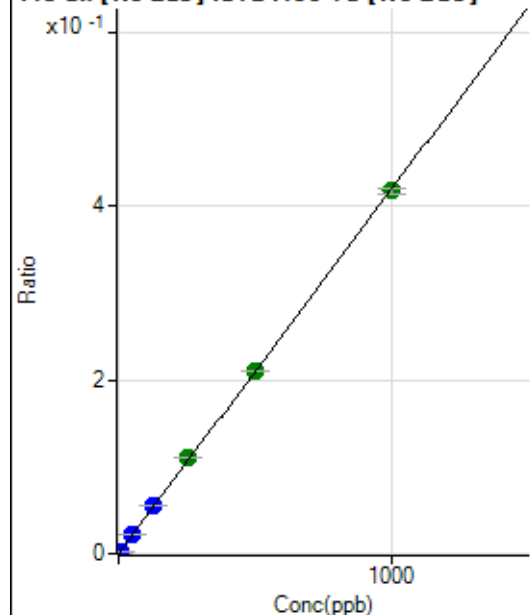
$$DL = 0.06375$$

$$BEC = 1.237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1078.94	0.0001	P	3.0
2	☐	5.000	5.155	40442.17	0.0022	P	1.9
3	☐	50.000	52.495	400166.19	0.0221	P	1.5
4	☐	125.000	129.791	989924.91	0.0545	P	0.6
5	☐	250.000	262.530	1961970.21	0.1102	A	0.6
6	☐	500.000	501.792	3723932.17	0.2105	A	0.5
7	☐	1000.000	995.247	7428368.78	0.4175	A	1.6
8	☐			7884.44	0.0005	P	5.0

$$y = 4.1939\text{E-}004 * x + 5.9525\text{E-}005$$

$$R = 0.9999$$

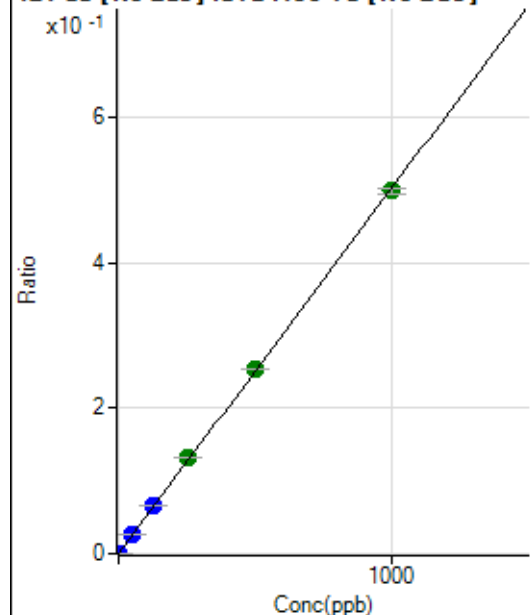
$$DL = 0.0127$$

$$BEC = 0.1419$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	34.4
2	☐	2.000	2.091	19166.18	0.0011	P	1.7
3	☐	50.000	51.992	473846.62	0.0261	P	1.5
4	☐	125.000	129.543	1183108.21	0.0651	P	0.5
5	☐	250.000	263.029	2355089.01	0.1322	A	0.3
6	☐	500.000	505.182	4492867.05	0.2540	A	0.2
7	☐	1000.000	993.484	8887440.63	0.4994	A	1.4
8	☐			7151.85	0.0004	P	6.2

$$y = 5.0272\text{E-}004 * x + 1.7163\text{E-}006$$

$$R = 0.9999$$

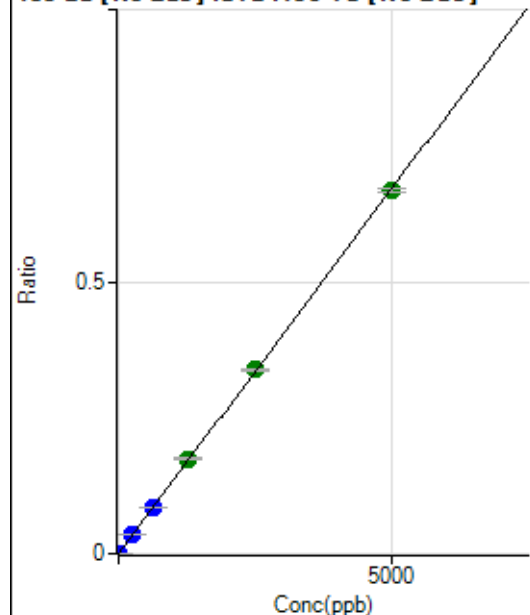
$$DL = 0.003525$$

$$BEC = 0.003414$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	6.0
2	☐	10.000	9.940	24319.69	0.0013	P	1.5
3	☐	250.000	253.810	616967.45	0.0340	P	1.0
4	☐	625.000	629.609	1533630.11	0.0844	P	0.4
5	☐	1250.000	1303.326	3112209.68	0.1748	A	1.1
6	☐	2500.000	2522.266	5982646.51	0.3382	A	0.7
7	☐	5000.000	4974.769	11869329.55	0.6670	A	1.0
8	☐			4365.15	0.0003	P	2.5

$$y = 1.3408\text{E-}004 * x + 3.1263\text{E-}006$$

$$R = 0.9999$$

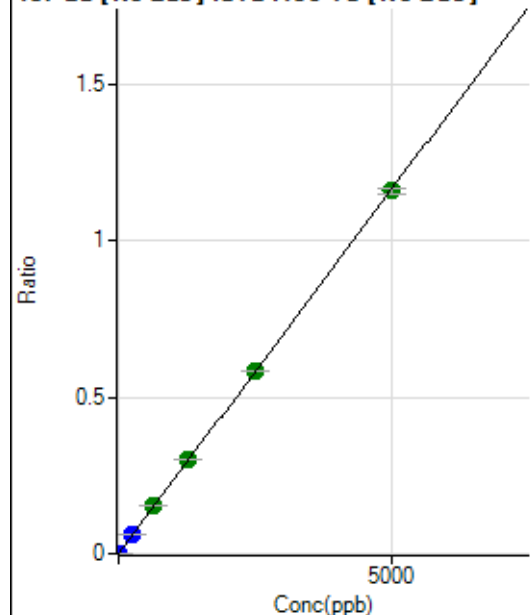
$$DL = 0.004171$$

$$BEC = 0.02332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0000	P	13.8
2	☐	10.000	10.179	43209.80	0.0024	P	0.5
3	☐	250.000	253.244	1068068.99	0.0589	P	0.9
4	☐	625.000	653.233	2760703.71	0.1520	A	0.4
5	☐	1250.000	1295.111	5365857.35	0.3013	A	0.7
6	☐	2500.000	2509.462	10327279.91	0.5838	A	0.4
7	☐	5000.000	4980.299	20616144.00	1.1586	A	1.7
8	☐			7486.49	0.0004	P	3.4

$$y = 2.3263\text{E-}004 * x + 5.3941\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.009569$$

$$BEC = 0.02319$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	96.1
2	☐			8.89		P	142.
3	☐			40.00		P	22.0
4	☐			85.55		P	18.4
5	☐			167.78		P	9.8
6	☐			295.56		P	10.2
7	☐			521.12		P	5.2
8	☐			792.25		P	1.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐			11.11		P	69.3
3	☐			23.33		P	51.5
4	☐			23.33		P	14.3
5	☐			37.78		P	20.4
6	☐			57.78		P	18.5
7	☐			112.22		P	7.5
8	☐			477.79		P	13.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐			12.22		P	56.8
3	☐			26.67		P	33.1
4	☐			37.78		P	35.7
5	☐			63.33		P	32.0
6	☐			115.56		P	36.5
7	☐			200.00		P	7.3
8	☐			385.56		P	17.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			8.89		P	21.6
3	☐			44.44		P	38.5
4	☐			90.00		P	16.1
5	☐			158.89		P	5.3
6	☐			266.67		P	2.2
7	☐			626.69		P	6.5
8	☐			308.90		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			92.22		P	5.5
2	☐			101.11		P	8.3
3	☐			84.44		P	6.0
4	☐			96.67		P	9.1
5	☐			95.56		P	2.0
6	☐			117.78		P	32.8
7	☐			148.89		P	9.0
8	☐			398.90		P	2.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			797.81		P	3.2
2	☐			790.03		P	1.1
3	☐			776.70		P	3.2
4	☐			780.03		P	7.7
5	☐			763.36		P	12.1
6	☐			744.47		P	4.9
7	☐			764.47		P	6.8
8	☐			1032.27		P	4.3

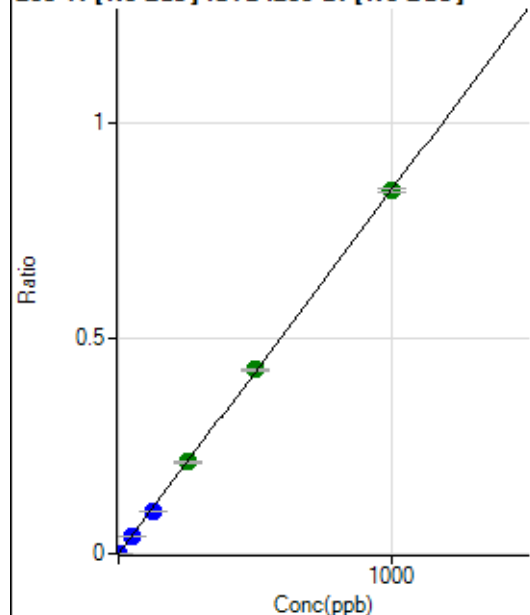
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			124.45		P	10.8
2	☐			120.00		P	11.1
3	☐			142.22		P	13.7
4	☐			125.56		P	12.0
5	☐			131.11		P	7.8
6	☐			166.67		P	12.0
7	☐			194.45		P	15.6
8	☐			706.69		P	5.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	12.6
2	☐			91.11		P	11.8
3	☐			91.11		P	20.8
4	☐			88.89		P	13.2
5	☐			113.33		P	13.5
6	☐			111.11		P	21.3
7	☐			156.67		P	14.9
8	☐			493.35		P	10.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	34.0
2	☐	1.000	0.881	8059.12	0.0007	P	3.0
3	☐	50.000	45.855	412562.00	0.0387	P	1.3
4	☐	125.000	114.751	1037418.93	0.0969	P	1.0
5	☐	250.000	251.355	2256791.46	0.2123	A	1.4
6	☐	500.000	506.828	4419362.40	0.4280	A	1.3
7	☐	1000.000	997.736	8870965.77	0.8426	A	1.0
8	☐			885.60	0.0001	P	14.7

$$y = 8.4448\text{E-}004 * x + 2.8972\text{E-}006$$

$$R = 0.9999$$

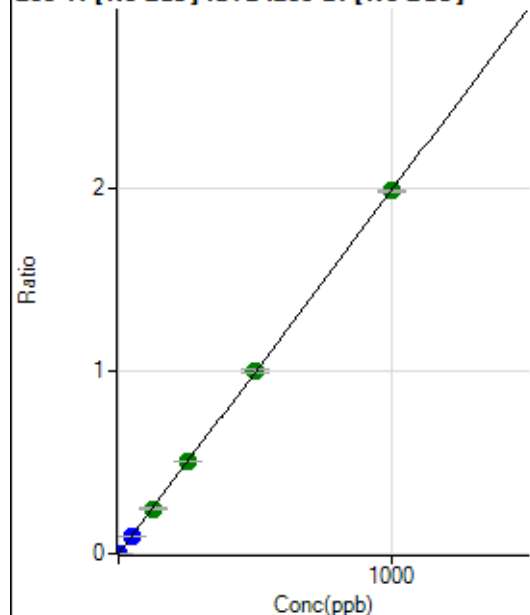
$$DL = 0.003498$$

$$BEC = 0.003431$$

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	66.67	0.0000	P	15.3
2	☐	1.000	0.915	19704.34	0.0018	P	3.0
3	☐	50.000	46.271	980306.30	0.0920	P	1.2
4	☐	125.000	124.337	2646986.65	0.2473	A	0.8
5	☐	250.000	252.823	5345445.79	0.5028	A	0.9
6	☐	500.000	501.921	10305396.37	0.9981	A	1.6
7	☐	1000.000	998.603	20908486.50	1.9858	A	0.4
8	☐			2126.86	0.0002	P	15.6

$$y = 0.0020 * x + 6.2169\text{E-}006$$

$$R = 1.0000$$

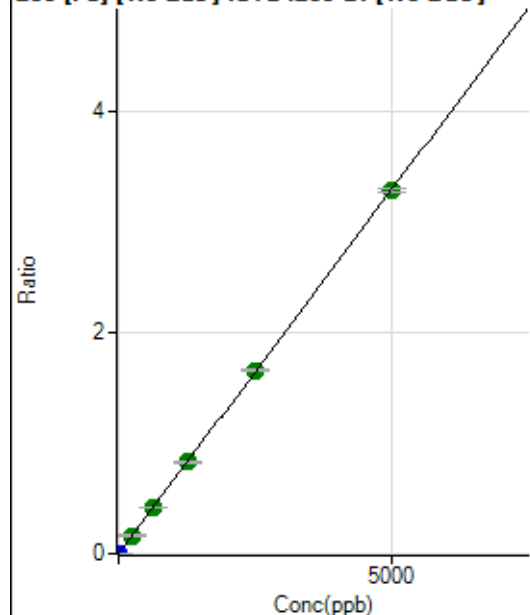
$$DL = 0.001439$$

$$BEC = 0.003126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	23.2
2	☐	1.000	0.961	6969.64	0.0006	P	2.9
3	☐	250.000	250.121	1756266.73	0.1649	A	0.9
4	☐	625.000	628.706	4436015.84	0.4144	A	0.3
5	☐	1250.000	1263.965	8856539.11	0.8330	A	1.4
6	☐	2500.000	2517.889	17133972.24	1.6594	A	1.2
7	☐	5000.000	4987.095	34604047.54	3.2867	A	1.0
8	☐			13207.68	0.0014	P	7.7

$$y = 6.5905\text{E-}004 * x + 1.2629\text{E-}005$$

$$R = 1.0000$$

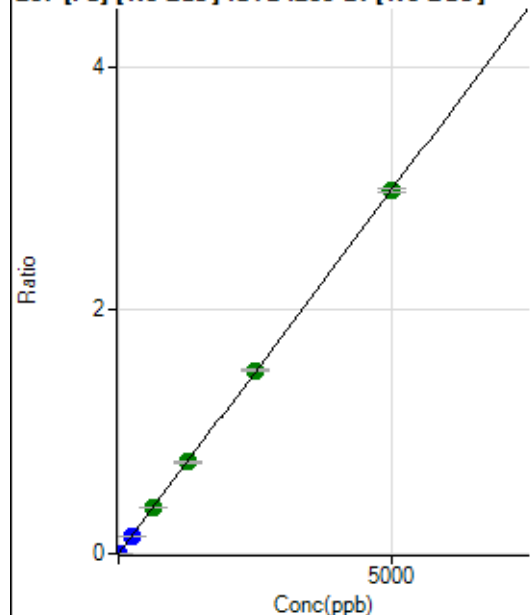
$$DL = 0.01335$$

$$BEC = 0.01916$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	5.8
2	☐	1.000	0.914	5994.72	0.0006	P	3.1
3	☐	250.000	231.518	1472241.23	0.1382	P	1.0
4	☐	625.000	630.766	4030479.49	0.3765	A	0.5
5	☐	1250.000	1256.435	7973250.16	0.7499	A	1.1
6	☐	2500.000	2518.585	15521178.38	1.5033	A	1.3
7	☐	5000.000	4989.302	31353517.59	2.9779	A	1.0
8	☐			11370.40	0.0012	P	5.8

$$y = 5.9686\text{E-}004 * x + 9.9444\text{E-}006$$

$$R = 1.0000$$

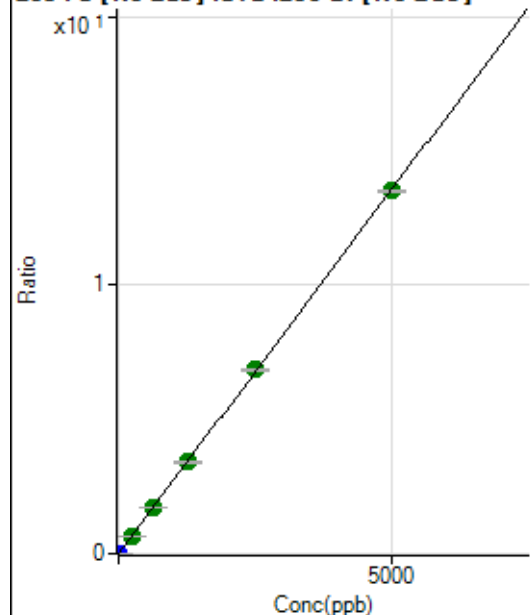
$$DL = 0.002901$$

$$BEC = 0.01666$$

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	554.45	0.0001	P	3.7
2	☐	1.000	0.942	28130.70	0.0026	P	1.6
3	☐	250.000	247.342	7142041.16	0.6704	A	1.1
4	☐	625.000	629.040	18251745.25	1.7049	A	0.5
5	☐	1250.000	1260.043	36308537.86	3.4151	A	1.3
6	☐	2500.000	2526.461	70702283.39	6.8474	A	0.9
7	☐	5000.000	4983.886	142216285.6	13.5076	A	0.5
8	☐			52706.22	0.0057	P	6.0

$$y = 0.0027 * x + 5.1678E-005$$

$$R = 1.0000$$

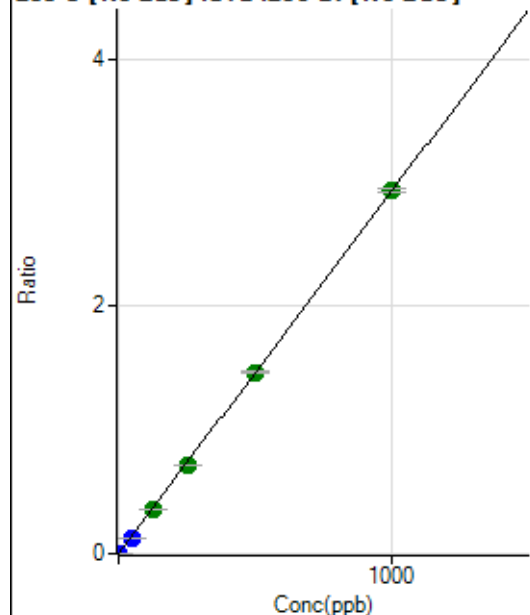
$$DL = 0.002114$$

$$BEC = 0.01907$$

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	17.78	0.0000	P	39.0
2	☐	1.000	0.852	26938.38	0.0025	P	1.2
3	☐	50.000	43.847	1367101.94	0.1283	P	1.1
4	☐	125.000	122.012	3822418.28	0.3571	A	2.0
5	☐	250.000	244.471	7606987.52	0.7155	A	1.0
6	☐	500.000	501.026	15140373.94	1.4663	A	0.7
7	☐	1000.000	1001.551	30861031.76	2.9311	A	0.9
8	☐			1222.29	0.0001	P	5.6

$$y = 0.0029 * x + 1.6565E-006$$

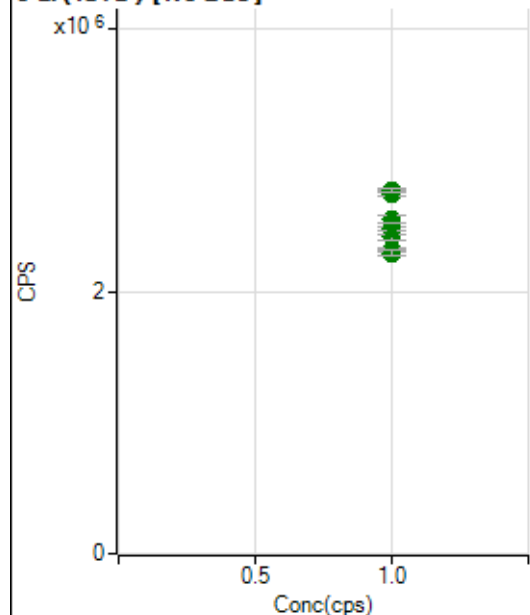
$$R = 1.0000$$

$$DL = 0.000662$$

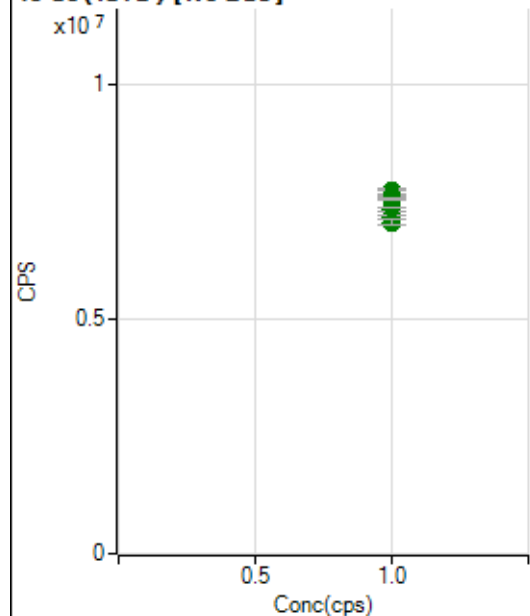
$$BEC = 0.000566$$

Weight: <None>

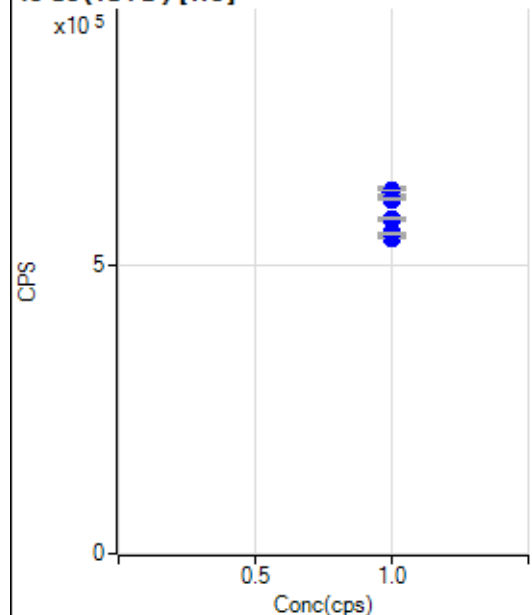
Min Conc: 0

6 Li (ISTD) [No Gas]

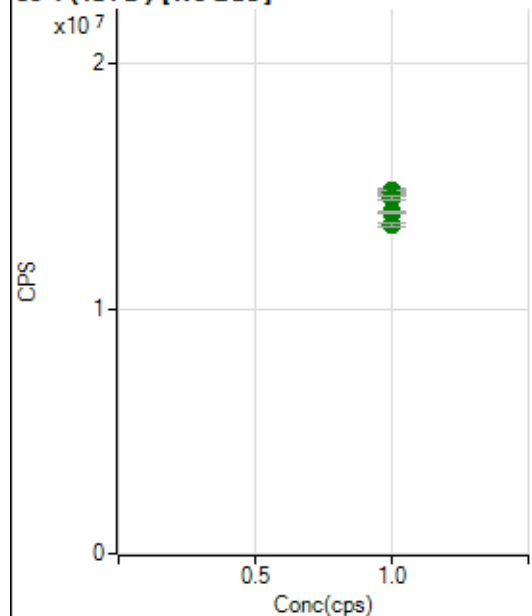
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2320641.65		A	1.1
2	☐	1.000		2290535.29		A	2.0
3	☐	1.000		2417778.33		A	1.6
4	☐	1.000		2483937.31		A	1.2
5	☐	1.000		2557156.77		A	2.1
6	☐	1.000		2748337.36		A	1.7
7	☐	1.000		2768615.44		A	1.2
8	☐	1.000		2523321.96		A	0.4

45 Sc (ISTD) [No Gas]

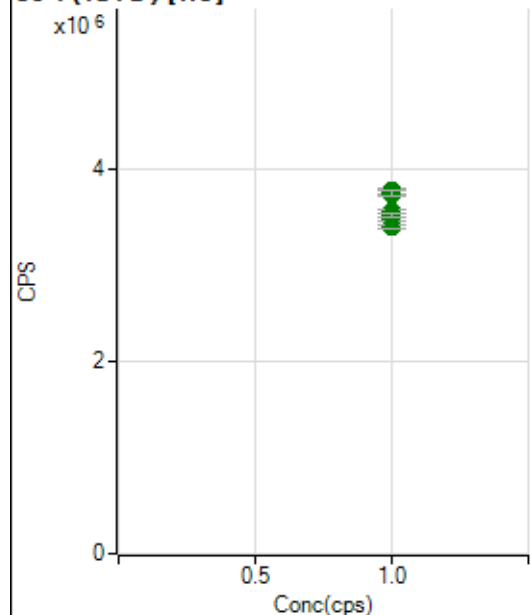
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7549201.62		A	0.5
2	☐	1.000		7735667.11		A	1.4
3	☐	1.000		7683315.58		A	1.7
4	☐	1.000		7645426.27		A	0.3
5	☐	1.000		7564953.15		A	0.5
6	☐	1.000		7338043.29		A	0.9
7	☐	1.000		7178858.16		A	0.7
8	☐	1.000		7072356.49		A	1.4

45 Sc (ISTD) [He]

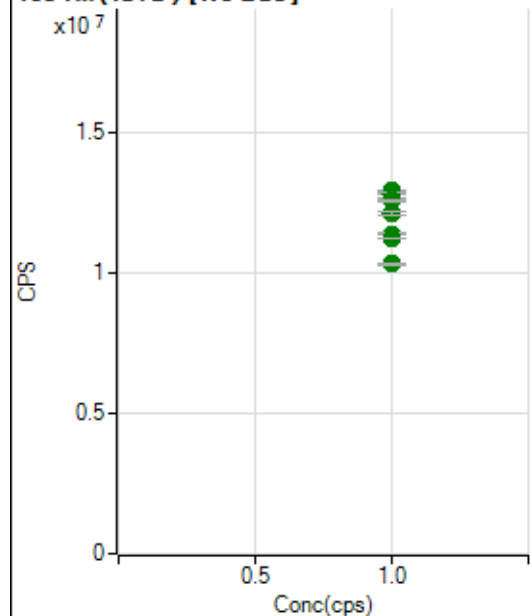
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		629481.12		P	1.5
2	☐	1.000		629811.53		P	2.5
3	☐	1.000		626538.94		P	1.2
4	☐	1.000		615181.06		P	0.6
5	☐	1.000		580235.12		P	1.0
6	☐	1.000		548708.28		P	1.0
7	☐	1.000		556354.27		P	0.2
8	☐	1.000		581898.16		P	0.3

89 Y (ISTD) [No Gas]

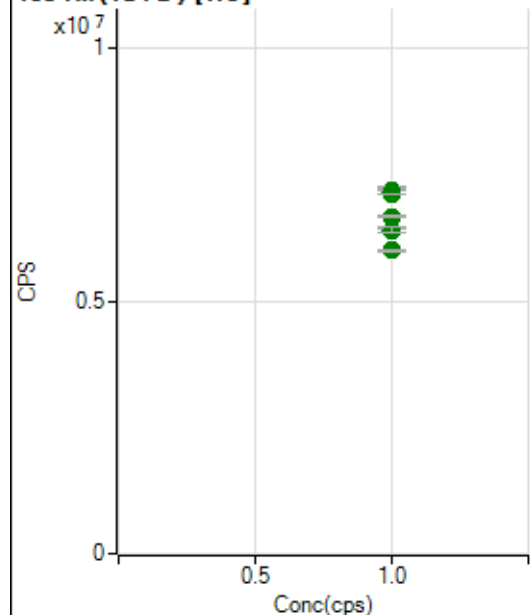
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14696980.89		A	0.3
2	☐	1.000		14798917.56		A	1.5
3	☐	1.000		14777865.75		A	0.5
4	☐	1.000		14733166.17		A	1.1
5	☐	1.000		14525054.78		A	1.1
6	☐	1.000		13949458.26		A	0.5
7	☐	1.000		13904850.35		A	0.6
8	☐	1.000		13416698.13		A	1.5

89 Y(ISTD) [He]

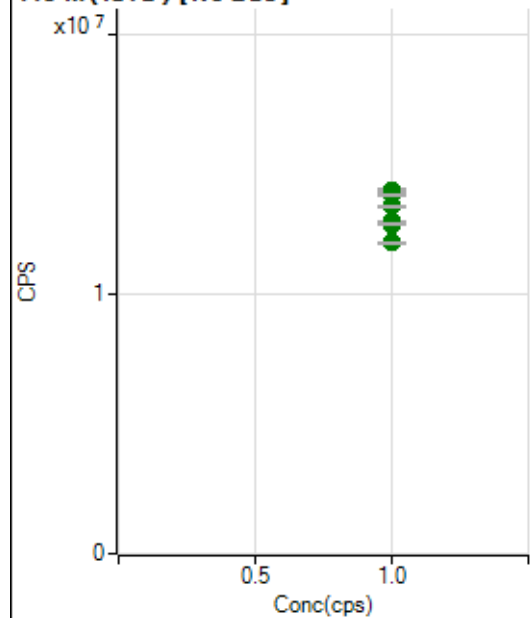
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3766577.03		A	1.5
2	☐	1.000		3780602.20		A	1.9
3	☐	1.000		3773190.18		A	1.1
4	☐	1.000		3753404.98		A	1.6
5	☐	1.000		3566372.21		A	1.5
6	☐	1.000		3408074.36		A	0.9
7	☐	1.000		3486617.35		A	0.6
8	☐	1.000		3529236.23		A	1.3

103 Rh(ISTD) [No Gas]

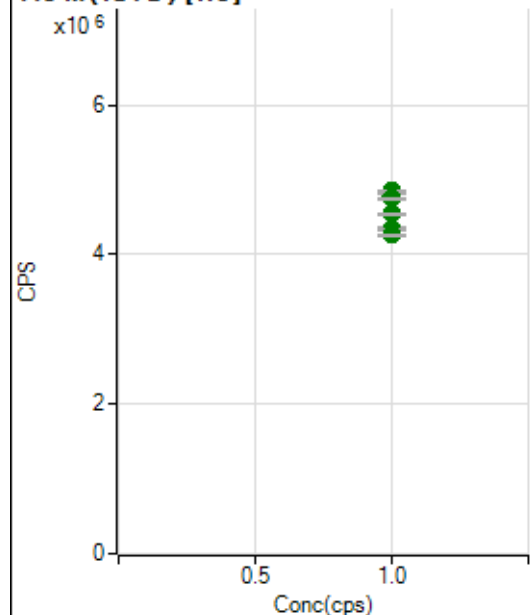
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12852092.31		A	0.3
2	☐	1.000		12937542.58		A	0.8
3	☐	1.000		12790965.50		A	1.4
4	☐	1.000		12589075.37		A	0.6
5	☐	1.000		12111213.85		A	1.0
6	☐	1.000		11413659.83		A	1.1
7	☐	1.000		11250672.61		A	0.3
8	☐	1.000		10343502.56		A	0.6

103 Rh (ISTD) [He]

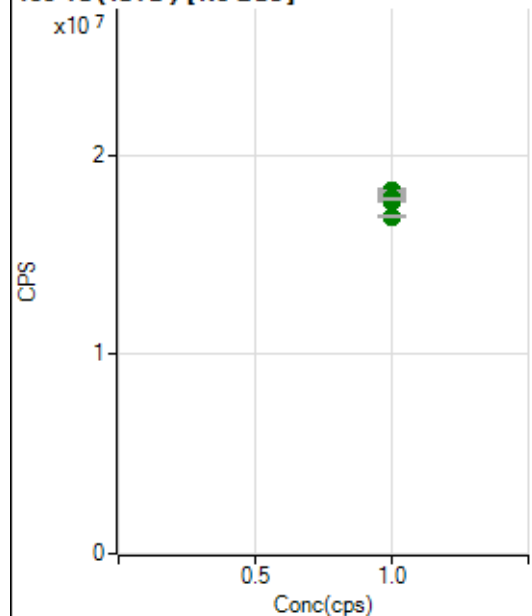
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7184572.12		A	1.3
2	☐	1.000		7186736.00		A	2.2
3	☐	1.000		7171764.34		A	0.9
4	☐	1.000		7115900.94		A	0.3
5	☐	1.000		6680808.37		A	0.9
6	☐	1.000		6411668.10		A	1.0
7	☐	1.000		6417060.18		A	1.3
8	☐	1.000		6004185.54		A	0.8

115 In (ISTD) [No Gas]

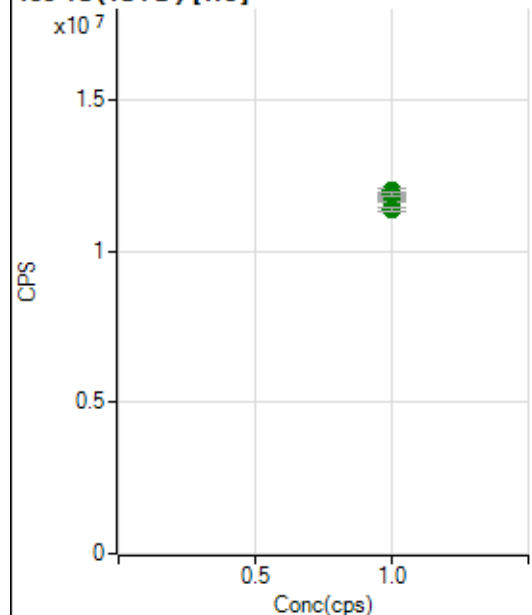
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13918944.33		A	0.7
2	☐	1.000		13954529.39		A	1.5
3	☐	1.000		13941447.54		A	0.3
4	☐	1.000		13819623.39		A	0.4
5	☐	1.000		13358836.35		A	0.3
6	☐	1.000		12795435.94		A	0.4
7	☐	1.000		12668050.40		A	0.4
8	☐	1.000		11966455.74		A	0.4

115 In (ISTD) [He]

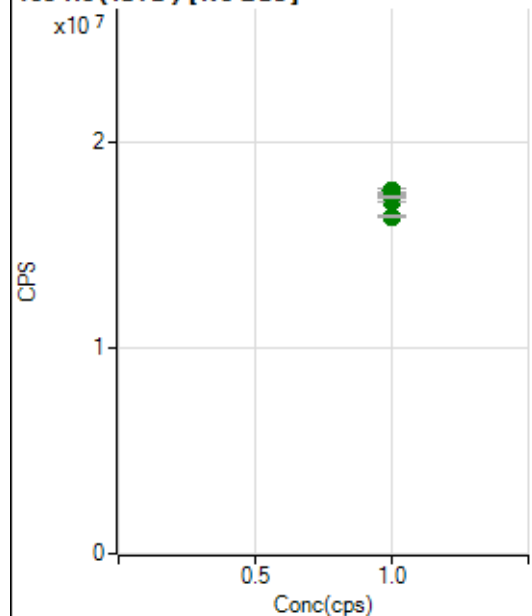
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4764496.85		A	1.5
2	☐	1.000		4791296.06		A	2.4
3	☐	1.000		4851220.50		A	0.7
4	☐	1.000		4749518.33		A	0.4
5	☐	1.000		4540439.36		A	0.6
6	☐	1.000		4345232.89		A	0.7
7	☐	1.000		4347132.15		A	0.2
8	☐	1.000		4258825.88		A	0.8

159 Tb (ISTD) [No Gas]

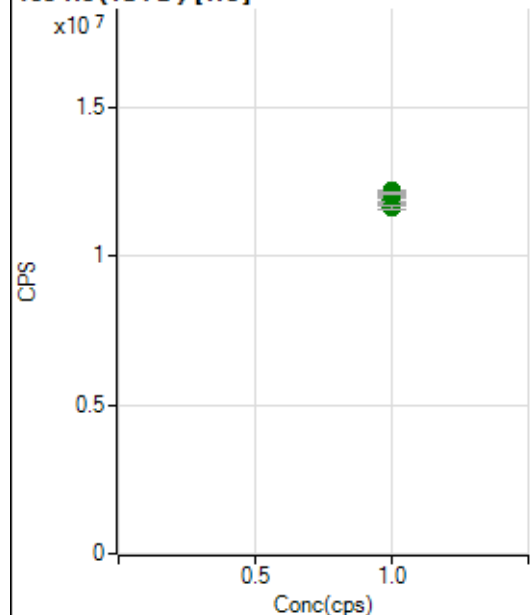
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18126189.04		A	0.1
2	☐	1.000		18206936.39		A	1.2
3	☐	1.000		18128967.92		A	0.8
4	☐	1.000		18166772.23		A	0.6
5	☐	1.000		17810591.54		A	1.0
6	☐	1.000		17690562.24		A	0.6
7	☐	1.000		17795025.29		A	0.3
8	☐	1.000		16929111.28		A	0.5

159 Tb (ISTD) [He]

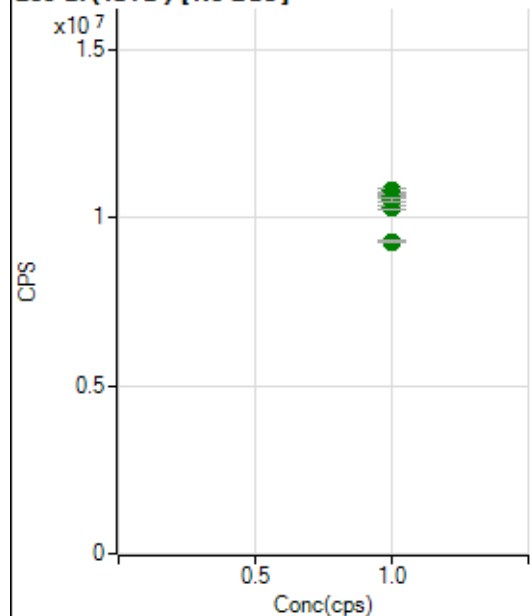
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11770644.13		A	1.6
2	☐	1.000		11794916.22		A	2.9
3	☐	1.000		11842954.13		A	1.0
4	☐	1.000		12000436.91		A	1.5
5	☐	1.000		11744211.91		A	0.6
6	☐	1.000		11630235.52		A	0.2
7	☐	1.000		11891042.19		A	1.1
8	☐	1.000		11389420.66		A	1.1

165 Ho (ISTD) [No Gas]

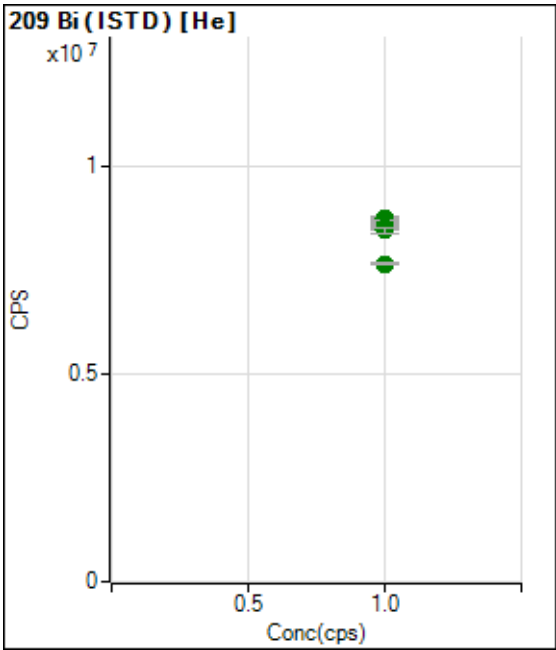
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17486724.74		A	0.3
2	☐	1.000		17637506.68		A	1.1
3	☐	1.000		17556857.66		A	0.6
4	☐	1.000		17536021.96		A	0.8
5	☐	1.000		17316619.18		A	0.5
6	☐	1.000		17082970.58		A	0.2
7	☐	1.000		17347024.74		A	0.7
8	☐	1.000		16385359.76		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11871317.74		A	1.6
2	☐	1.000		11915378.71		A	2.2
3	☐	1.000		11979341.49		A	0.8
4	☐	1.000		12183760.51		A	0.3
5	☐	1.000		11979176.35		A	0.3
6	☐	1.000		11889020.93		A	0.9
7	☐	1.000		12098860.10		A	0.8
8	☐	1.000		11629141.63		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10727947.48		A	0.4
2	☐	1.000		10796384.35		A	1.7
3	☐	1.000		10653960.81		A	0.9
4	☐	1.000		10705782.90		A	0.9
5	☐	1.000		10632635.75		A	0.9
6	☐	1.000		10326046.93		A	1.1
7	☐	1.000		10528929.50		A	1.2
8	☐	1.000		9279474.03		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8532455.08		A	1.6
2	☐	1.000		8650792.02		A	2.3
3	☐	1.000		8718125.77		A	1.3
4	☐	1.000		8683224.11		A	0.4
5	☐	1.000		8488992.72		A	0.5
6	☐	1.000		8474146.82		A	0.7
7	☐	1.000		8448714.53		A	1.6
8	☐	1.000		7647507.87		A	1.2