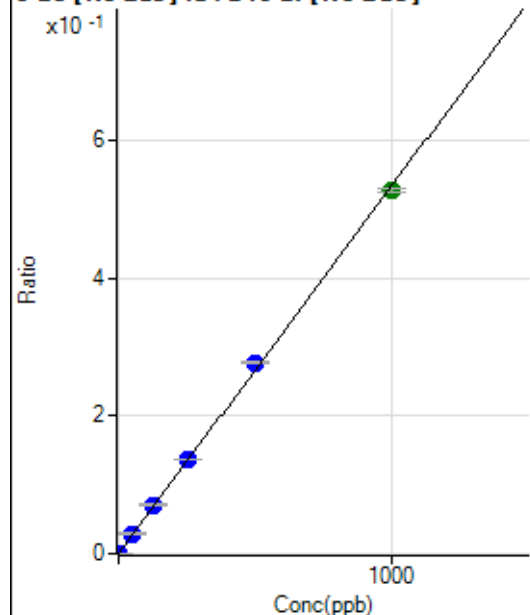


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7021323MS.b\
Analysis File: P7021323MS.batch.bin
DA Date-Time: 2023-02-13 18:16:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-13 13:24:26
2	006CALS.d	S02	2023-02-13 13:30:42
3	007CALS.d	S03	2023-02-13 13:33:51
4	008CALS.d	S04	2023-02-13 13:36:52
5	009CALS.d	S05	2023-02-13 13:39:54
6	010CALS.d	S06	2023-02-13 13:42:48
7	011CALS.d	S07	2023-02-13 13:45:48
8	012CALS.d	S08	2023-02-13 13:48:44

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	5.3
2	☐	1.000	1.105	1719.00	0.0006	P	4.3
3	☐	50.000	54.613	79410.36	0.0291	P	4.3
4	☐	125.000	132.545	195113.63	0.0707	P	1.7
5	☐	250.000	256.615	366785.10	0.1369	P	0.4
6	☐	500.000	519.879	703155.83	0.2774	P	0.4
7	☐	1000.000	987.233	1318694.55	0.5267	A	0.9
8	☐			363.34	0.0002	P	25.5

$$y = 5.3351\text{E-}004 * x + 1.3474\text{E-}005$$

$$R = 0.9997$$

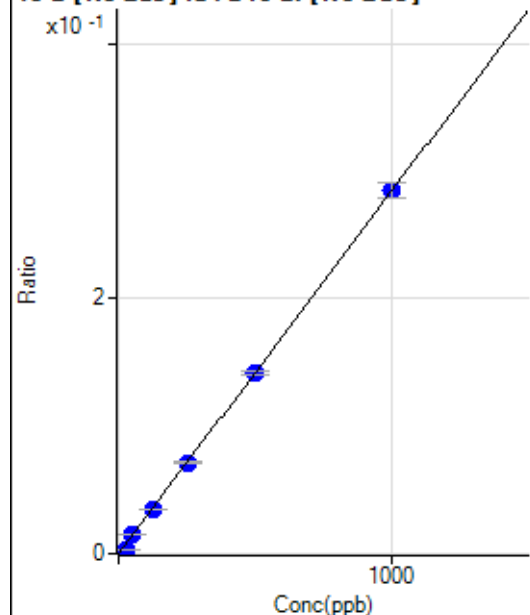
$$DL = 0.004032$$

$$BEC = 0.02525$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	3.5
2	☐	25.000	8.796	7262.99	0.0025	P	8.4
3	☐	50.000	53.299	41400.31	0.0152	P	1.6
4	☐	125.000	121.664	95473.94	0.0346	P	1.9
5	☐	250.000	251.809	191714.34	0.0716	P	2.5
6	☐	500.000	497.780	358564.47	0.1414	P	2.1
7	☐	1000.000	1001.315	711980.76	0.2844	P	4.2
8	☐			16464.76	0.0072	P	8.9

$$y = 2.8401\text{E-}004 * x + 4.9531\text{E-}005$$

$$R = 0.9999$$

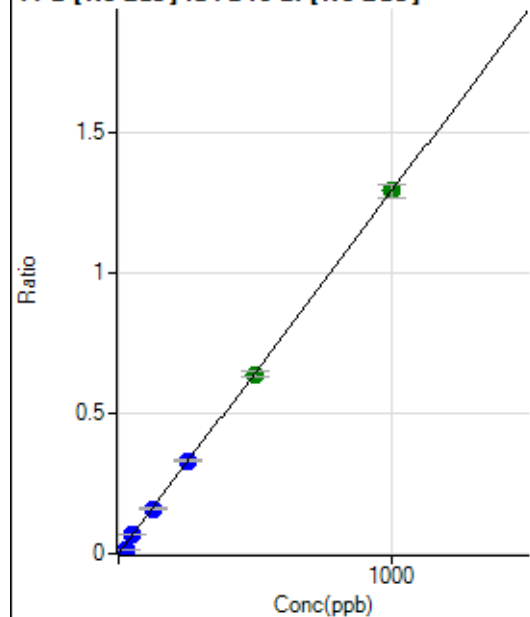
$$DL = 0.01845$$

$$BEC = 0.1744$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	663.92	0.0002	P	7.6
2	☐	25.000	9.267	34817.49	0.0122	P	4.5
3	☐	50.000	54.264	191888.55	0.0704	P	2.6
4	☐	125.000	123.112	439694.62	0.1594	P	3.3
5	☐	250.000	256.862	890010.29	0.3322	P	3.3
6	☐	500.000	495.009	1622543.57	0.6400	A	2.8
7	☐	1000.000	1001.196	3239868.61	1.2943	A	3.8
8	☐			78849.16	0.0347	P	12.6

$$y = 0.0013 * x + 2.3663E-004$$

$$R = 0.9998$$

$$DL = 0.04161$$

$$BEC = 0.1831$$

Weight: <None>

Min Conc: 0

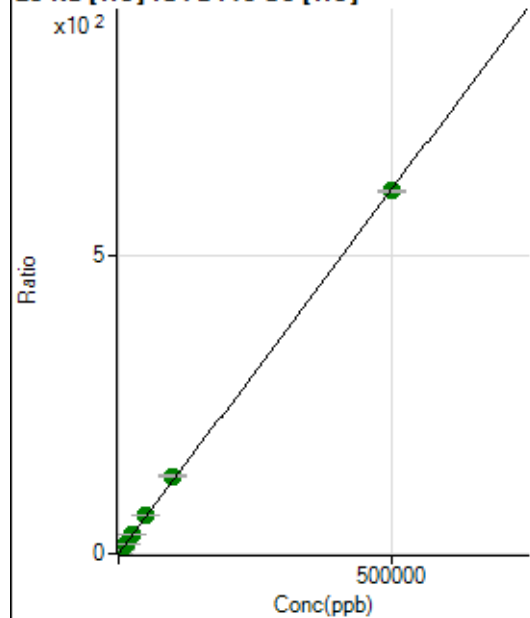
12 C [No Gas] No available calibration points



	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	9060.21	0.0239	P	3.2
2	☐	500.000	503.066	243971.64	0.6399	P	0.4
3	☐	5000.000	5359.523	2404173.75	6.5864	A	2.1
4	☐	12500.000	13507.288	5913183.93	16.5630	A	0.6
5	☐	25000.000	26155.303	11306838.56	32.0500	A	0.6
6	☐	50000.000	53106.270	22523902.82	65.0503	A	0.4
7	☐	100000.00	106498.69	43511356.06	130.4271	A	3.0
8	☐	500000.00	498303.08	212539221.4	610.1751	A	0.8

$$y = 0.0012 * x + 0.0239$$

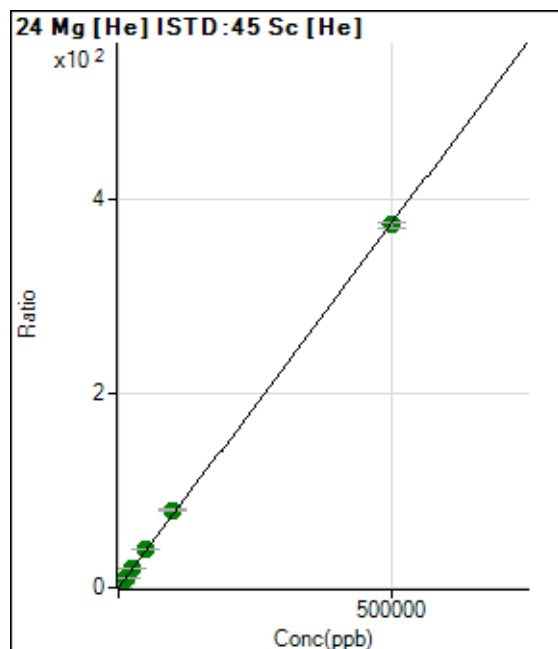
$$R = 0.9999$$

$$DL = 1.852$$

$$BEC = 19.52$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	162.97	0.0004	P	5.9
2	☐	500.000	510.755	146248.17	0.3836	P	0.4
3	☐	5000.000	5559.140	1522438.65	4.1706	A	1.8
4	☐	12500.000	13703.624	3670108.59	10.2802	A	0.8
5	☐	25000.000	26597.684	7039060.46	19.9527	A	0.5
6	☐	50000.000	53319.037	13848851.24	39.9976	A	1.0
7	☐	100000.00	106917.98	26756533.93	80.2048	A	2.9
8	☐	500000.00	498168.92	130163236.2	373.7013	A	1.3

$$y = 7.5015\text{E-}004 * x + 4.2995\text{E-}004$$

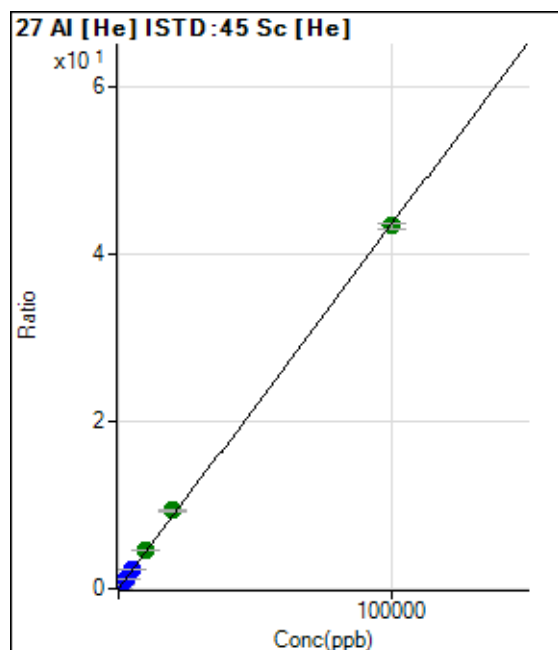
$$R = 0.9999$$

$$DL = 0.101$$

$$BEC = 0.5731$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0003	P	13.8
2	☐	20.000	20.701	3541.21	0.0093	P	4.7
3	☐	1000.000	1101.389	175357.46	0.4804	P	2.1
4	☐	2500.000	2781.756	433041.77	1.2130	P	0.5
5	☐	5000.000	5362.547	824811.70	2.3380	P	1.0
6	☐	10000.000	10725.777	1619080.75	4.6761	A	0.8
7	☐	20000.000	21554.554	3134904.96	9.3968	A	2.6
8	☐	100000.00	99590.326	15121716.31	43.4160	A	1.7

$$y = 4.3594\text{E-}004 * x + 2.6351\text{E-}004$$

$$R = 0.9999$$

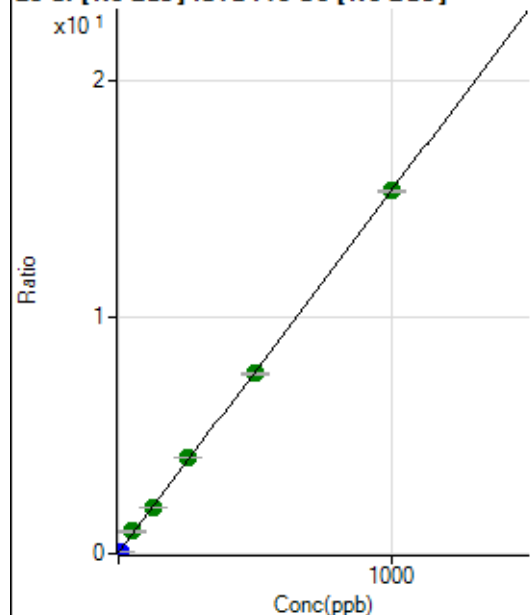
$$DL = 0.25$$

$$BEC = 0.6045$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250890.87	0.0547	P	2.0
2	☐	10.000	0.521	291420.74	0.0626	P	1.1
3	☐	50.000	58.086	4087938.16	0.9432	A	6.4
4	☐	125.000	124.893	8651978.66	1.9651	A	1.6
5	☐	250.000	260.551	17682832.34	4.0401	A	0.2
6	☐	500.000	494.764	31886227.80	7.6227	A	0.8
7	☐	1000.000	999.684	65394654.94	15.3460	A	0.3
8	☐			863443.81	0.2111	P	5.2

$$y = 0.0153 * x + 0.0547$$

$$R = 0.9998$$

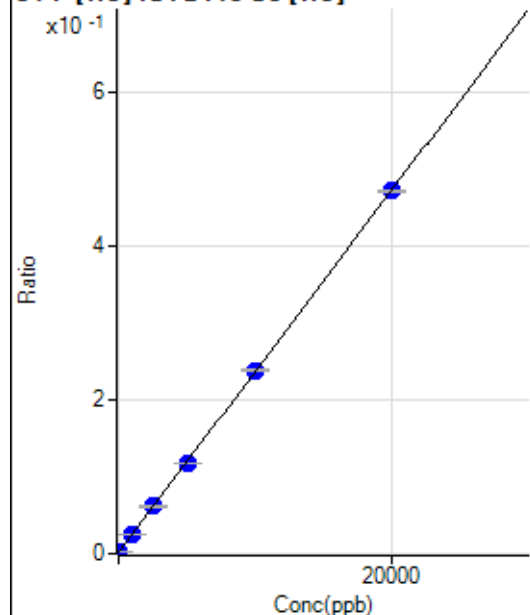
$$DL = 0.2129$$

$$BEC = 3.575$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-6.803	500.02	0.0013	P	8.3
2	☐	0.000	6.803	625.03	0.0016	P	16.1
3	☐	1000.000	1019.437	9283.59	0.0254	P	2.0
4	☐	2500.000	2541.863	21849.33	0.0612	P	1.9
5	☐	5000.000	4952.161	41570.94	0.1178	P	0.5
6	☐	10000.000	10044.806	82229.39	0.2375	P	1.1
7	☐	20000.000	19983.352	157176.62	0.4710	P	0.5
8	☐			550.02	0.0016	P	8.7

$$y = 2.3496E-005 * x + 0.0015$$

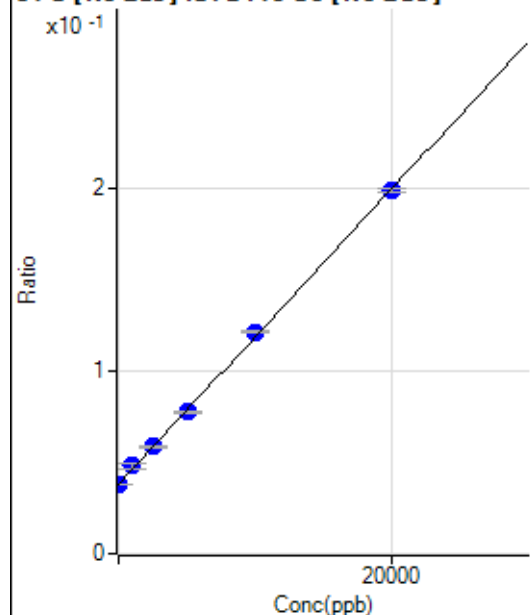
$$R = 1.0000$$

$$DL = 23.86$$

$$BEC = 62.96$$

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	10.992	174704.57	0.0381	P	0.8
2	☐	0.000	-10.992	176294.12	0.0379	P	1.0
3	☐	1000.000	1226.446	207451.40	0.0479	P	7.1
4	☐	2500.000	2565.787	258342.54	0.0587	P	2.1
5	☐	5000.000	4874.858	338325.25	0.0773	P	0.7
6	☐	10000.000	10291.731	506078.99	0.1210	P	0.9
7	☐	20000.000	19865.874	844564.79	0.1982	P	0.9
8	☐			157561.40	0.0386	P	5.4

$$y = 8.0645E-006 * x + 0.0380$$

R = 0.9998

DL = 126.2

BEC = 4710

Weight: <None>

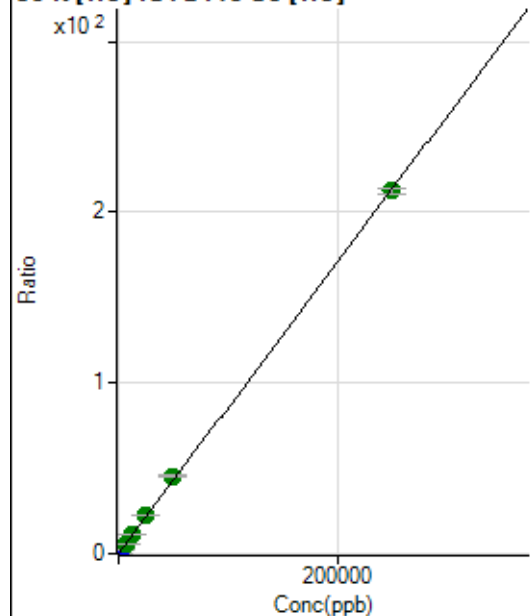
Min Conc: 0

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	29954.99	0.0790	P	3.1
2	☐	500.000	529.840	202190.97	0.5303	P	0.3
3	☐	2500.000	2834.064	910054.32	2.4929	P	1.2
4	☐	6250.000	6593.020	2033039.20	5.6946	A	0.8
5	☐	12500.000	12929.516	3912988.59	11.0918	A	0.6
6	☐	25000.000	26192.259	7751880.38	22.3884	A	0.6
7	☐	50000.000	52871.628	15050823.25	45.1127	A	2.2
8	☐	250000.00	249272.99	73979887.77	212.3984	A	1.3

$$y = 8.5175\text{E-}004 * x + 0.0790$$

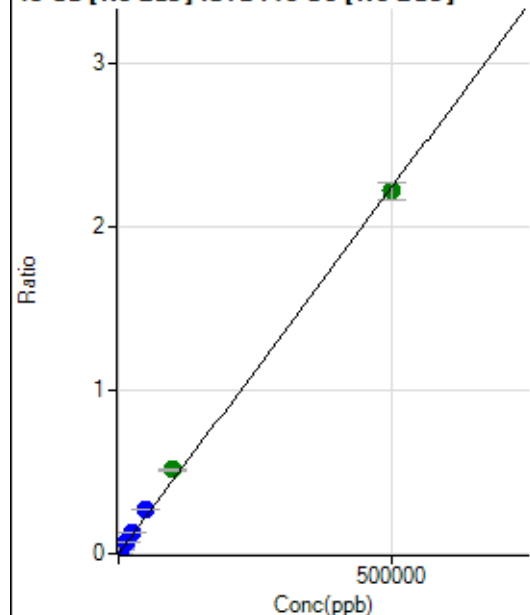
$$R = 0.9999$$

$$DL = 8.65$$

$$BEC = 92.76$$

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	91.67	0.0000	P	16.5
2	☐	500.000	510.714	10742.96	0.0023	P	1.9
3	☐	5000.000	6445.732	125270.41	0.0289	P	7.2
4	☐	12500.000	15439.927	304777.04	0.0692	P	2.6
5	☐	25000.000	29791.088	584544.25	0.1336	P	0.5
6	☐	50000.000	61327.402	1149993.43	0.2749	P	0.8
7	☐	100000.00	114468.39	2186394.02	0.5131	A	2.3
8	☐	500000.00	495646.06	9069756.19	2.2217	A	4.8

$$y = 4.4824\text{E-}006 * x + 1.9996\text{E-}005$$

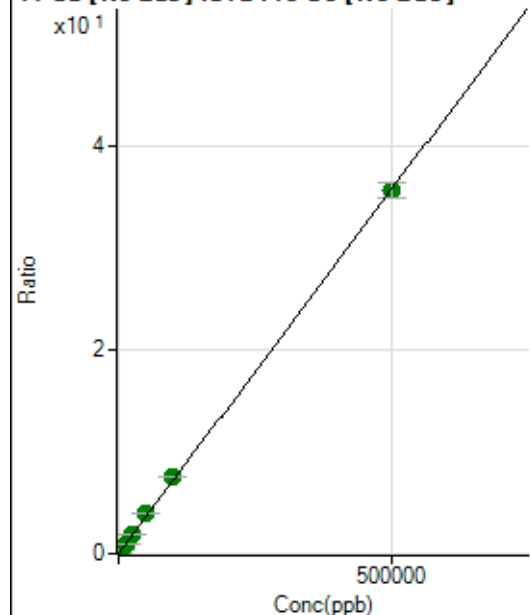
$$R = 0.9994$$

$$DL = 2.213$$

$$BEC = 4.461$$

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	3375.48	0.0007	P	6.0
2	☐	500.000	514.834	174416.99	0.0375	P	1.1
3	☐	5000.000	5828.861	1806778.97	0.4169	A	6.7
4	☐	12500.000	13906.921	4374956.52	0.9936	A	1.4
5	☐	25000.000	26690.057	8343549.14	1.9063	A	0.9
6	☐	50000.000	55566.904	16597544.99	3.9680	A	1.3
7	☐	100000.00	106359.41	32362368.09	7.5943	A	0.8
8	☐	500000.00	498043.44	145184732.4	35.5588	A	4.3

$$y = 7.1396\text{E-}005 * x + 7.3592\text{E-}004$$

$$R = 0.9999$$

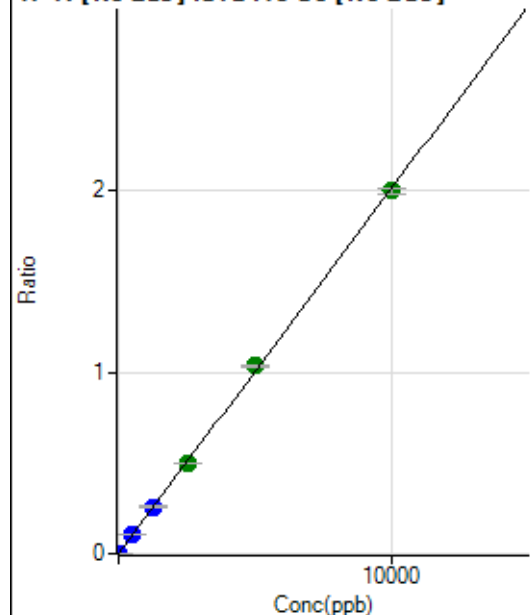
$$DL = 1.87$$

$$BEC = 10.31$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	15.3
2	☐	5.000	4.730	4514.68	0.0010	P	5.8
3	☐	500.000	532.533	464163.67	0.1071	P	7.1
4	☐	1250.000	1282.910	1136074.77	0.2580	P	2.0
5	☐	2500.000	2468.725	2173217.73	0.4965	A	0.4
6	☐	5000.000	5135.112	4320659.04	1.0328	A	0.2
7	☐	10000.000	9934.522	8514333.52	1.9980	A	1.3
8	☐			2086.30	0.0005	P	16.1

$$y = 2.0112E-004 * x + 1.9392E-005$$

$$R = 0.9999$$

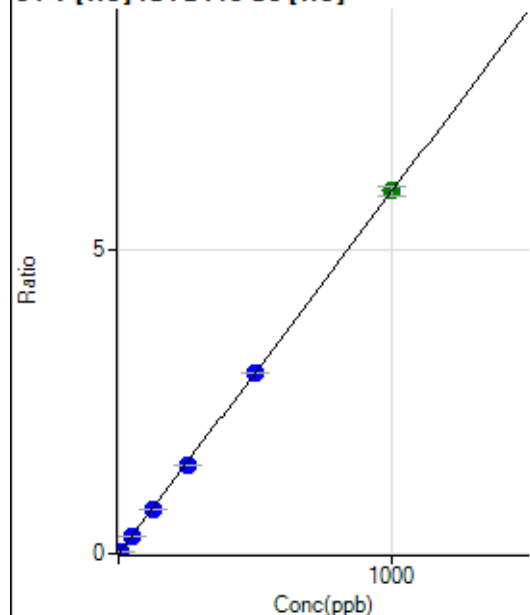
$$DL = 0.04438$$

$$BEC = 0.09642$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.721	10740.60	0.0282	P	2.2
3	☐	50.000	49.176	107131.04	0.2935	P	0.6
4	☐	125.000	124.389	264996.40	0.7423	P	0.1
5	☐	250.000	243.757	513161.87	1.4546	P	0.7
6	☐	500.000	498.156	1029273.67	2.9727	P	0.4
7	☐	1000.000	1002.602	1995929.57	5.9828	A	2.7
8	☐			605.57	0.0017	P	10.0

$$y = 0.0060 * x + 0.0000E+000$$

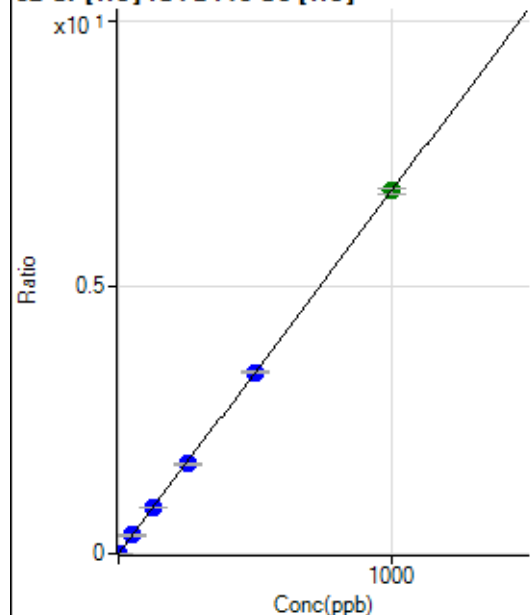
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

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	723.36	0.0019	P	7.4
2	☐	2.000	1.893	5637.77	0.0148	P	3.1
3	☐	50.000	50.444	125944.65	0.3450	P	1.4
4	☐	125.000	127.263	309705.72	0.8675	P	0.6
5	☐	250.000	246.540	592267.79	1.6788	P	0.8
6	☐	500.000	500.776	1180014.17	3.4081	P	0.7
7	☐	1000.000	1000.172	2270470.59	6.8048	A	1.5
8	☐			21034.75	0.0604	P	2.2

$$y = 0.0068 * x + 0.0019$$

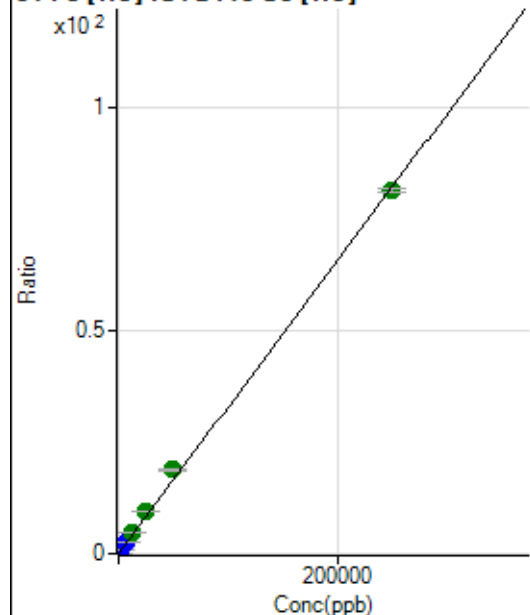
$$R = 1.0000$$

$$DL = 0.06264$$

$$BEC = 0.2806$$

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	1736.68	0.0046	P	1.3
2	☐	50.000	56.650	8841.83	0.0232	P	4.3
3	☐	2500.000	3068.834	369687.25	1.0128	P	2.2
4	☐	6250.000	7704.579	905307.12	2.5358	P	0.8
5	☐	12500.000	14286.953	1657520.04	4.6983	A	1.0
6	☐	25000.000	28688.159	3264873.85	9.4295	A	1.3
7	☐	50000.000	57515.013	6305378.73	18.9000	A	2.5
8	☐	250000.00	247996.78	28379943.35	81.4791	A	1.1

$$y = 3.2853E-004 * x + 0.0046$$

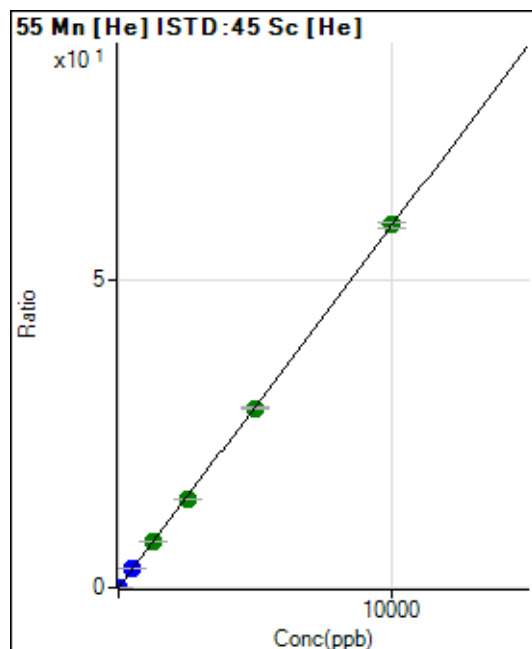
$$R = 0.9995$$

$$DL = 0.5319$$

$$BEC = 13.94$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.34	0.0001	P	28.9
2	☐	1.000	0.996	2284.64	0.0060	P	3.1
3	☐	500.000	512.110	1098509.80	3.0092	P	1.1
4	☐	1250.000	1263.384	2650229.89	7.4235	A	0.9
5	☐	2500.000	2442.225	5062526.66	14.3500	A	1.1
6	☐	5000.000	4959.842	10090611.86	29.1429	A	1.0
7	☐	10000.000	10032.244	19668016.51	58.9470	A	1.5
8	☐			20112.47	0.0577	P	2.2

$$y = 0.0059 * x + 1.4072E-004$$

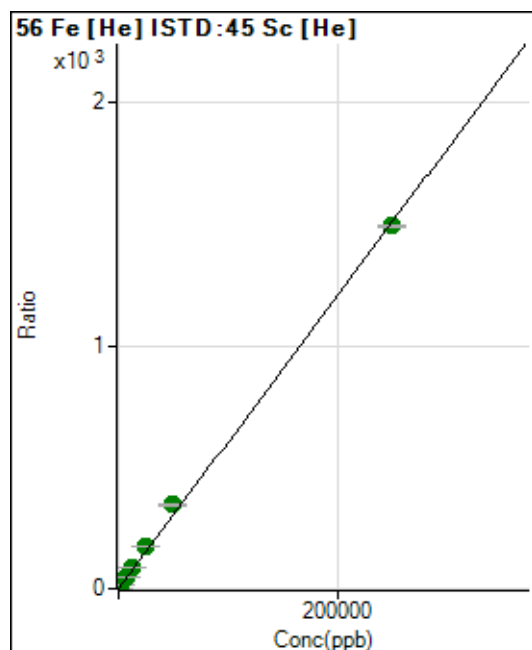
$$R = 1.0000$$

$$DL = 0.02079$$

$$BEC = 0.02395$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8137.50	0.0215	P	1.1
2	☐	50.000	56.376	137607.98	0.3609	P	1.2
3	☐	2500.000	2880.164	6338636.95	17.3639	A	1.7
4	☐	6250.000	7277.315	15651481.25	43.8405	A	0.1
5	☐	12500.000	13966.323	29675890.94	84.1172	A	1.0
6	☐	25000.000	28398.779	59215546.69	171.0197	A	0.2
7	☐	50000.000	57276.822	115074521.0	344.9038	A	1.9
8	☐	250000.00	248101.95	520366841.2	1,493.923	A	0.6

$$y = 0.0060 * x + 0.0215$$

$$R = 0.9995$$

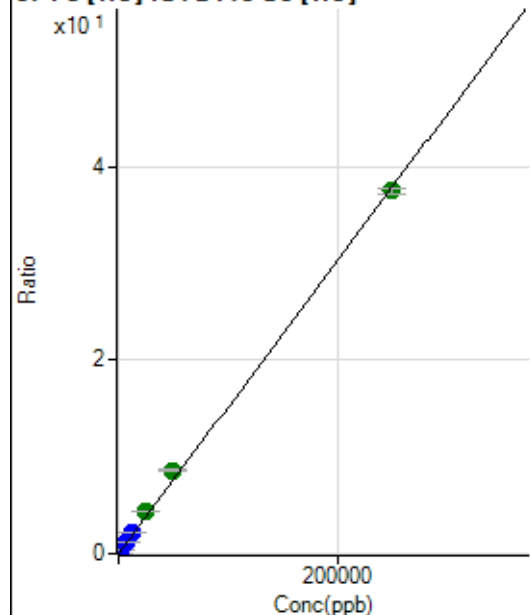
$$DL = 0.1138$$

$$BEC = 3.564$$

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	127.78	0.0003	P	5.5
2	☐	50.000	55.728	3343.02	0.0088	P	5.0
3	☐	2500.000	2978.266	164605.82	0.4509	P	1.3
4	☐	6250.000	7535.793	407136.76	1.1404	P	0.3
5	☐	12500.000	14514.232	774788.20	2.1962	P	0.4
6	☐	25000.000	28406.443	1488118.81	4.2979	A	0.7
7	☐	50000.000	56982.238	2876317.68	8.6211	A	2.0
8	☐	250000.00	248125.26	13075126.57	37.5389	A	1.4

$$y = 1.5129E-004 * x + 3.3715E-004$$

$$R = 0.9995$$

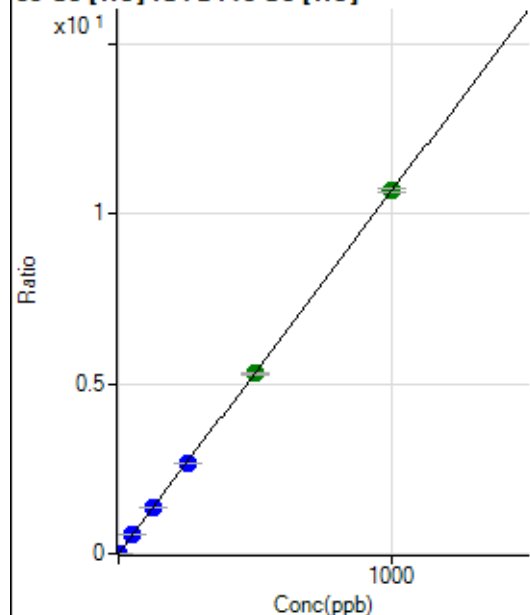
$$DL = 0.3662$$

$$BEC = 2.228$$

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	36.67	0.0001	P	9.9
2	☐	1.000	0.980	4016.13	0.0105	P	2.0
3	☐	50.000	51.288	199446.96	0.5464	P	1.5
4	☐	125.000	128.483	488585.00	1.3686	P	0.6
5	☐	250.000	249.319	936861.50	2.6556	P	0.7
6	☐	500.000	497.585	1835002.38	5.2998	A	1.2
7	☐	1000.000	1000.878	3557123.35	10.6604	A	1.0
8	☐			4153.95	0.0119	P	1.4

$$y = 0.0107 * x + 9.6759E-005$$

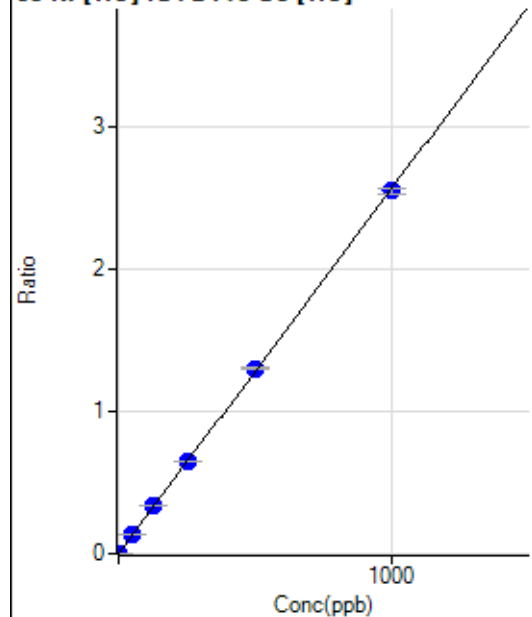
$$R = 1.0000$$

$$DL = 0.002687$$

$$BEC = 0.009085$$

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	26.67	0.0001	P	25.6
2	☐	1.000	1.059	1062.27	0.0028	P	4.7
3	☐	50.000	53.731	50323.01	0.1378	P	0.9
4	☐	125.000	131.537	120439.84	0.3374	P	0.2
5	☐	250.000	253.931	229735.34	0.6512	P	0.2
6	☐	500.000	507.120	450258.29	1.3004	P	0.9
7	☐	1000.000	994.454	850807.82	2.5501	P	1.9
8	☐			3303.73	0.0095	P	2.5

$$y = 0.0026 * x + 7.0428E-005$$

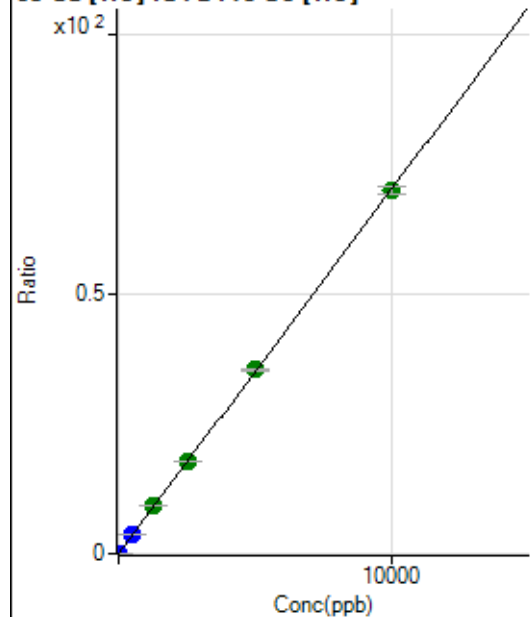
$$R = 0.9999$$

$$DL = 0.02112$$

$$BEC = 0.02747$$

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	557.79	0.0015	P	8.2
2	☐	2.000	2.036	6016.81	0.0158	P	4.0
3	☐	500.000	534.176	1370847.32	3.7551	P	0.9
4	☐	1250.000	1322.884	3319202.21	9.2973	A	0.3
5	☐	2500.000	2543.875	6306895.53	17.8771	A	0.7
6	☐	5000.000	5041.212	12265729.26	35.4258	A	1.1
7	☐	10000.000	9957.606	23345459.10	69.9730	A	2.0
8	☐			6409.22	0.0184	P	0.3

$$y = 0.0070 * x + 0.0015$$

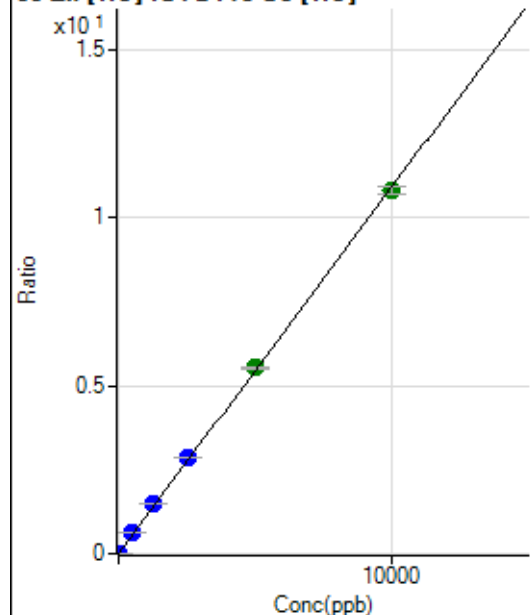
$$R = 1.0000$$

$$DL = 0.05126$$

$$BEC = 0.2093$$

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	196.67	0.0005	P	3.9
2	☐	2.000	2.269	1140.05	0.0030	P	2.6
3	☐	500.000	556.006	221252.65	0.6061	P	1.2
4	☐	1250.000	1376.745	535496.46	1.5000	P	0.6
5	☐	2500.000	2647.076	1017279.90	2.8836	P	0.1
6	☐	5000.000	5081.299	1916355.07	5.5348	A	0.8
7	☐	10000.000	9903.938	3599116.89	10.7873	A	1.9
8	☐			3698.27	0.0106	P	7.5

$$y = 0.0011 * x + 5.1884E-004$$

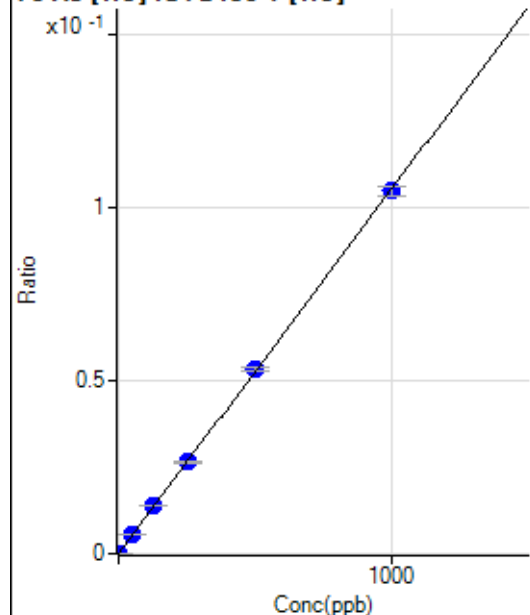
$$R = 0.9998$$

$$DL = 0.05546$$

$$BEC = 0.4764$$

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	3.09	0.0000	P	69.6
2	☐	1.000	1.043	288.28	0.0001	P	3.1
3	☐	50.000	52.134	13653.84	0.0055	P	1.1
4	☐	125.000	131.940	33655.83	0.0139	P	1.6
5	☐	250.000	251.026	64478.30	0.0264	P	1.0
6	☐	500.000	506.834	127192.65	0.0533	P	1.7
7	☐	1000.000	995.352	245597.61	0.1048	P	2.8
8	☐			74.08	0.0000	P	14.1

$$y = 1.0524E-004 * x + 1.1833E-006$$

$$R = 0.9999$$

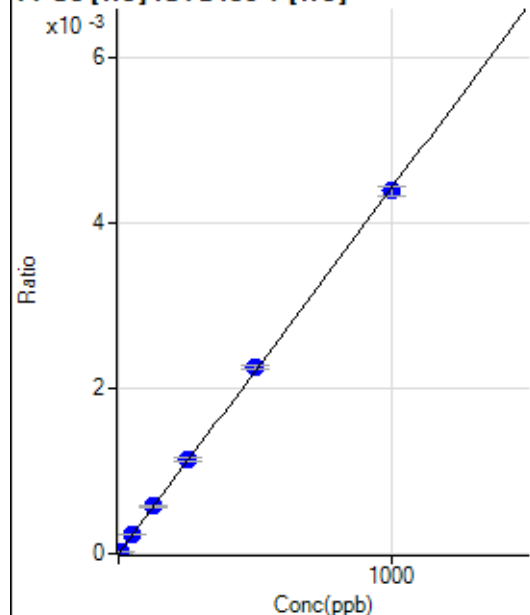
$$DL = 0.02346$$

$$BEC = 0.01124$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.421	63.33	0.0000	P	14.9
3	☐	50.000	52.465	577.80	0.0002	P	6.0
4	☐	125.000	129.318	1386.75	0.0006	P	4.9
5	☐	250.000	257.650	2780.29	0.0011	P	2.4
6	☐	500.000	508.969	5365.47	0.0023	P	1.6
7	☐	1000.000	992.938	10291.44	0.0044	P	2.3
8	☐			10.00	0.0000	P	88.4

$$y = 4.4199\text{E-}006 * x + 4.2595\text{E-}007$$

$$R = 0.9999$$

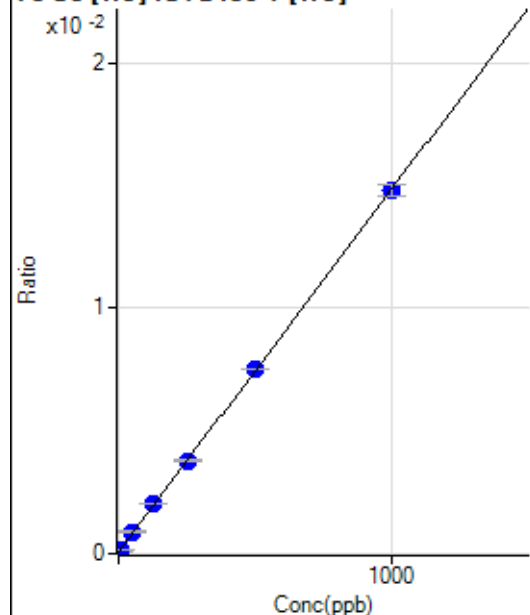
$$DL = 0.5008$$

$$BEC = 0.09637$$

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	187.04	0.0001	P	2.9
2	☐	5.000	5.789	408.65	0.0002	P	1.5
3	☐	50.000	54.505	2181.04	0.0009	P	7.0
4	☐	125.000	133.445	4952.70	0.0020	P	3.2
5	☐	250.000	250.450	9207.83	0.0038	P	1.6
6	☐	500.000	505.109	17972.63	0.0075	P	0.4
7	☐	1000.000	996.048	34676.80	0.0148	P	3.3
8	☐			170.37	0.0001	P	3.0

$$y = 1.4779\text{E-}005 * x + 7.1651\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.4159$$

$$BEC = 4.848$$

Weight: <None>

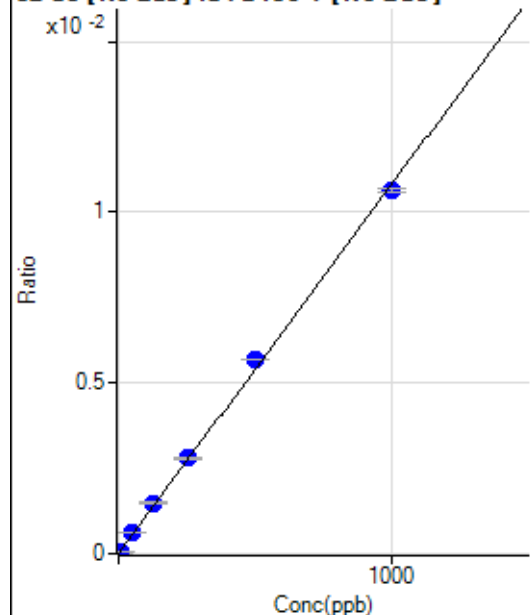
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55005.96		P	3.1
2	☐			54574.15		P	1.5
3	☐			52736.84		P	1.3
4	☐			51513.47		P	1.9
5	☐			51161.98		P	1.2
6	☐			50428.70		P	1.4
7	☐			52369.26		P	1.7
8	☐			49316.23		P	0.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			59.88		P	0.0
2	☐			66.53		P	45.8
3	☐			39.92		P	43.3
4	☐			83.17		P	38.6
5	☐			73.19		P	7.9
6	☐			66.53		P	8.7
7	☐			59.88		P	33.3
8	☐			66.53		P	22.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.72	0.0000	P	31.1
2	☐	5.000	5.195	656.60	0.0001	P	8.2
3	☐	50.000	57.093	6174.65	0.0006	P	7.2
4	☐	125.000	136.970	15280.22	0.0015	P	1.3
5	☐	250.000	259.160	29051.30	0.0028	P	2.1
6	☐	500.000	525.503	56018.85	0.0057	P	0.6
7	☐	1000.000	983.107	107944.04	0.0106	P	1.0
8	☐			248.11	0.0000	P	17.2

$$y = 1.0806E-005 * x + 4.9495E-006$$

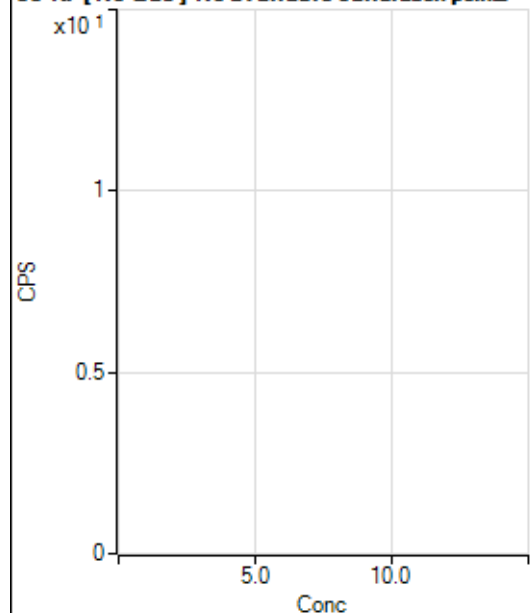
$$R = 0.9994$$

$$DL = 0.4278$$

$$BEC = 0.458$$

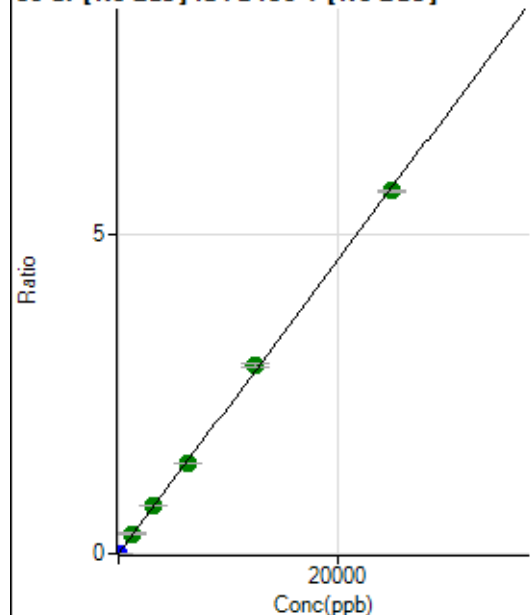
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.67		P	6.9
2	☐			105.56		P	18.5
3	☐			130.00		P	26.6
4	☐			116.67		P	10.3
5	☐			130.00		P	4.4
6	☐			122.22		P	19.7
7	☐			146.67		P	17.2
8	☐			181.11		P	24.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	29.2
2	☐	1.000	0.941	2497.50	0.0002	P	9.2
3	☐	1250.000	1344.049	3064119.06	0.3087	A	7.8
4	☐	3125.000	3242.306	7661927.60	0.7447	A	1.0
5	☐	6250.000	6162.120	14655394.94	1.4153	A	1.4
6	☐	12500.000	12901.245	29200447.18	2.9630	A	1.5
7	☐	25000.000	24801.982	57850446.43	5.6963	A	0.8
8	☐			17268.97	0.0019	P	11.8

$$y = 2.2967E-004 * x + 1.6177E-005$$

$$R = 0.9998$$

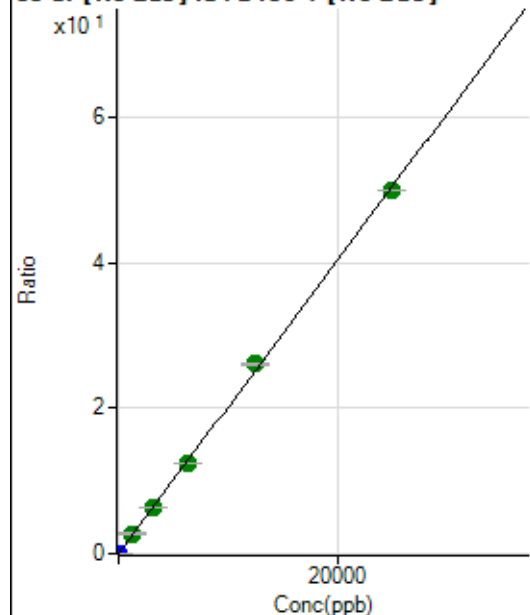
$$DL = 0.06177$$

$$BEC = 0.07043$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0000	P	24.5
2	☐	1.000	0.953	20754.01	0.0019	P	0.7
3	☐	1250.000	1344.417	26872512.41	2.7059	A	6.6
4	☐	3125.000	3207.844	66432673.01	6.4564	A	0.5
5	☐	6250.000	6173.260	128664957.0	12.4249	A	1.0
6	☐	12500.000	12953.559	256922158.5	26.0717	A	1.6
7	☐	25000.000	24777.329	506466800.2	49.8694	A	0.2
8	☐			145624.39	0.0157	P	9.9

$$y = 0.0020 * x + 1.0450E-005$$

$$R = 0.9997$$

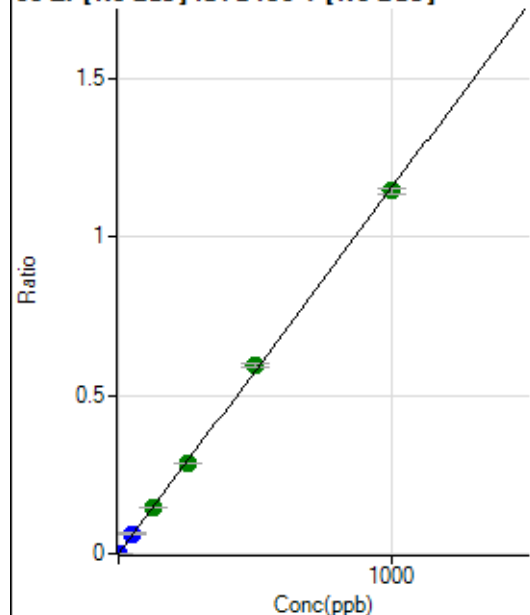
$$DL = 0.003821$$

$$BEC = 0.005192$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	438.90	0.0000	P	4.3
2	☐	1.000	0.918	11849.49	0.0011	P	1.2
3	☐	50.000	53.777	617022.47	0.0622	P	7.6
4	☐	125.000	127.492	1515675.53	0.1473	A	0.7
5	☐	250.000	247.634	2962496.55	0.2861	A	1.1
6	☐	500.000	516.449	5878866.54	0.5966	A	1.8
7	☐	1000.000	991.867	11635877.08	1.1457	A	1.5
8	☐			3408.81	0.0004	P	9.2

$$y = 0.0012 * x + 4.1245E-005$$

$$R = 0.9998$$

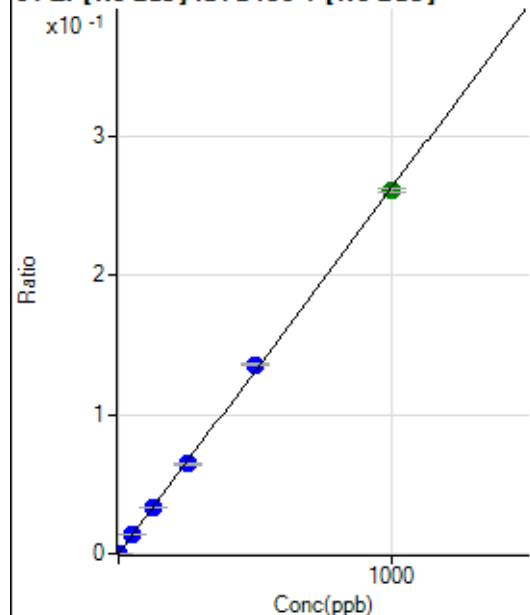
$$DL = 0.00461$$

$$BEC = 0.03571$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	28.3
2	☐	1.000	0.885	2589.19	0.0002	P	4.3
3	☐	50.000	53.043	138504.93	0.0140	P	7.7
4	☐	125.000	127.659	345409.04	0.0336	P	1.0
5	☐	250.000	245.729	669053.90	0.0646	P	2.0
6	☐	500.000	516.426	1338109.87	0.1358	P	1.2
7	☐	1000.000	992.370	2649734.63	0.2609	A	0.9
8	☐			725.04	0.0001	P	16.4

$$y = 2.6291E-004 * x + 8.1014E-006$$

$$R = 0.9998$$

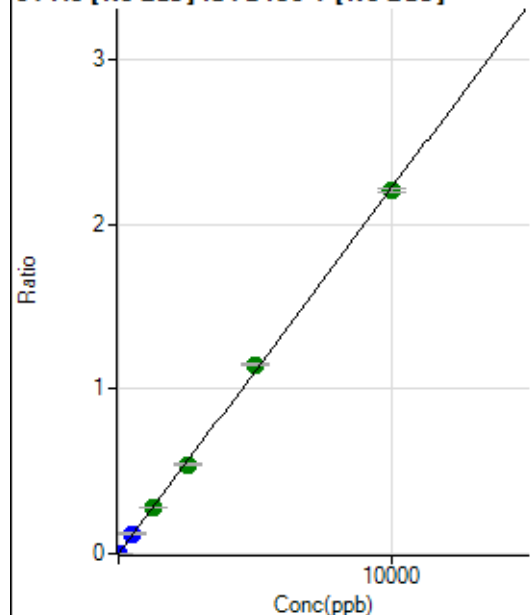
$$DL = 0.0262$$

$$BEC = 0.03081$$

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	180.56	0.0000	P	34.7
2	☐	5.000	5.755	13906.98	0.0013	P	1.7
3	☐	500.000	542.995	1195647.00	0.1204	P	6.9
4	☐	1250.000	1270.369	2898280.08	0.2817	A	2.2
5	☐	2500.000	2436.365	5594138.84	0.5402	A	1.0
6	☐	5000.000	5172.194	11302406.07	1.1468	A	0.8
7	☐	10000.000	9925.116	22349637.65	2.2006	A	1.0
8	☐			7724.47	0.0008	P	9.6

$$y = 2.2172\text{E-}004 * x + 1.6961\text{E-}005$$

R = 0.9998

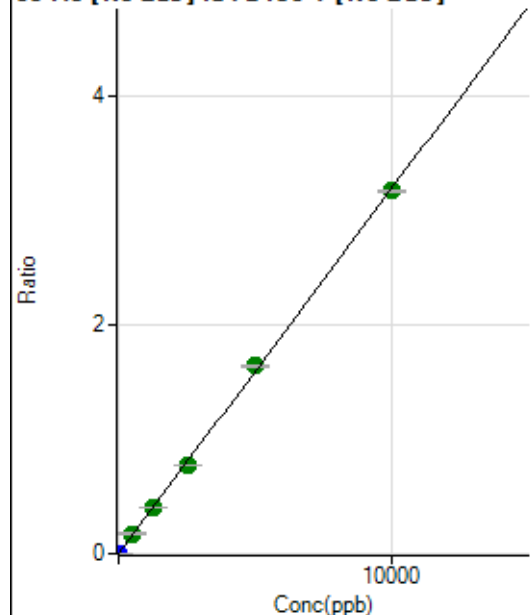
DL = 0.07973

BEC = 0.0765

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	19.44	0.0000	P	89.1
2	☐	5.000	4.964	17040.93	0.0016	P	4.0
3	☐	500.000	537.888	1703027.42	0.1715	A	7.2
4	☐	1250.000	1270.353	4168192.71	0.4051	A	0.7
5	☐	2500.000	2422.330	7998884.64	0.7724	A	0.8
6	☐	5000.000	5146.293	16173767.72	1.6410	A	0.6
7	☐	10000.000	9941.833	32196545.16	3.1702	A	0.5
8	☐			10220.51	0.0011	P	9.6

$$y = 3.1888\text{E-}004 * x + 1.8227\text{E-}006$$

R = 0.9998

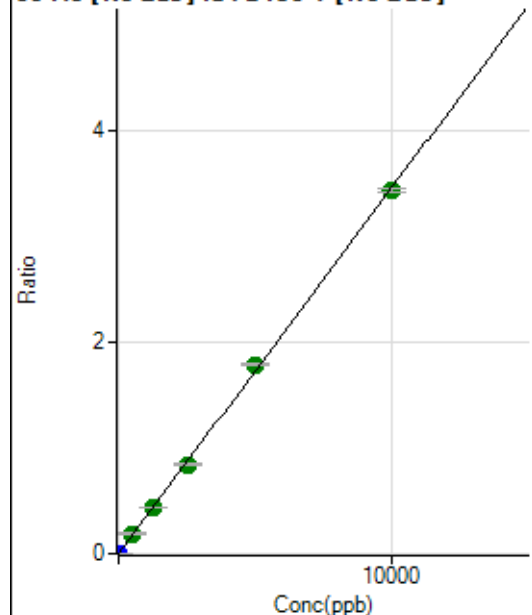
DL = 0.01527

BEC = 0.005716

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	97.22	0.0000	P	21.7
2	☐	5.000	5.130	19210.32	0.0018	P	1.7
3	☐	500.000	538.966	1853211.58	0.1867	A	8.1
4	☐	1250.000	1272.423	4535576.92	0.4408	A	1.0
5	☐	2500.000	2436.282	8739951.15	0.8440	A	1.2
6	☐	5000.000	5173.998	17663355.60	1.7924	A	1.7
7	☐	10000.000	9924.179	34915802.17	3.4380	A	0.9
8	☐			31005.90	0.0033	P	9.1

$$y = 3.4643\text{E-}004 * x + 9.1383\text{E-}006$$

$$R = 0.9997$$

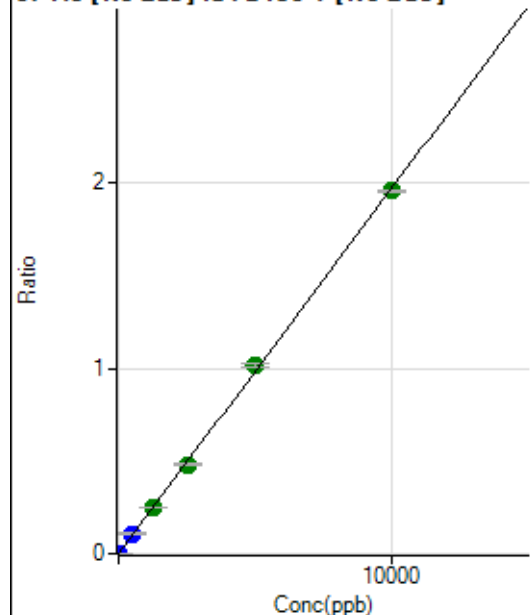
$$DL = 0.01716$$

$$BEC = 0.02638$$

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	8.33	0.0000	P	100.
2	☐	5.000	4.946	10487.36	0.0010	P	2.2
3	☐	500.000	541.194	1058468.70	0.1066	P	6.9
4	☐	1250.000	1277.554	2589155.94	0.2516	A	1.3
5	☐	2500.000	2443.969	4984707.54	0.4814	A	1.8
6	☐	5000.000	5141.079	9977965.24	1.0126	A	2.1
7	☐	10000.000	9937.964	19879300.10	1.9574	A	0.7
8	☐			5734.64	0.0006	P	9.4

$$y = 1.9696\text{E-}004 * x + 7.8268\text{E-}007$$

$$R = 0.9998$$

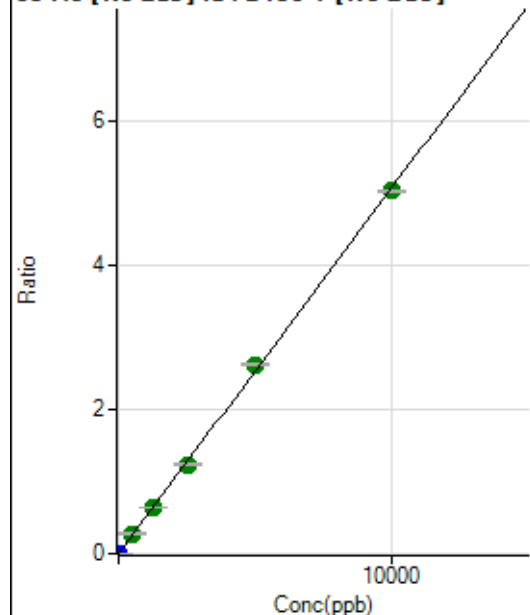
$$DL = 0.01196$$

$$BEC = 0.003974$$

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	27.78	0.0000	P	16.8
2	☐	5.000	4.921	26830.72	0.0025	P	2.8
3	☐	500.000	534.695	2688528.16	0.2708	A	7.2
4	☐	1250.000	1254.409	6536452.66	0.6353	A	0.3
5	☐	2500.000	2434.605	12767143.60	1.2329	A	1.5
6	☐	5000.000	5173.955	25821489.81	2.6202	A	1.3
7	☐	10000.000	9927.085	51055993.50	5.0272	A	0.5
8	☐			13475.98	0.0015	P	15.4

$$y = 5.0641\text{E-}004 * x + 2.6091\text{E-}006$$

$$R = 0.9998$$

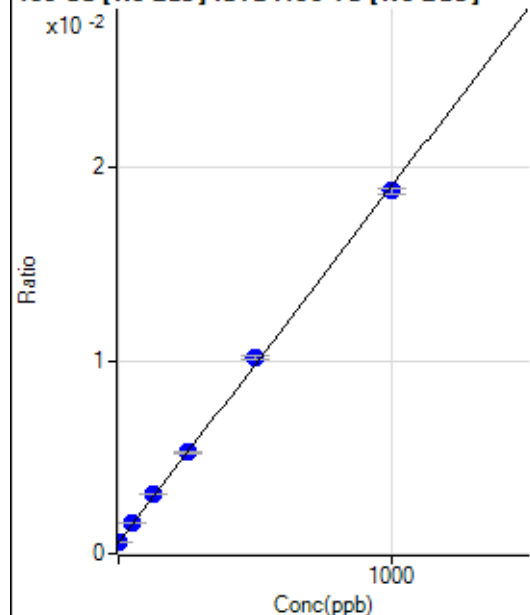
$$DL = 0.002589$$

$$BEC = 0.005152$$

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	6601.69	0.0006	P	1.2
2	☐	1.000	-0.093	6660.03	0.0006	P	4.2
3	☐	50.000	54.634	17127.20	0.0016	P	3.2
4	☐	125.000	136.430	34438.81	0.0031	P	0.8
5	☐	250.000	254.481	59433.22	0.0053	P	1.7
6	☐	500.000	519.853	109200.72	0.0102	P	2.0
7	☐	1000.000	987.294	207607.45	0.0188	P	1.6
8	☐			5587.32	0.0006	P	1.7

$$y = 1.8429\text{E-}005 * x + 5.7938\text{E-}004$$

$$R = 0.9996$$

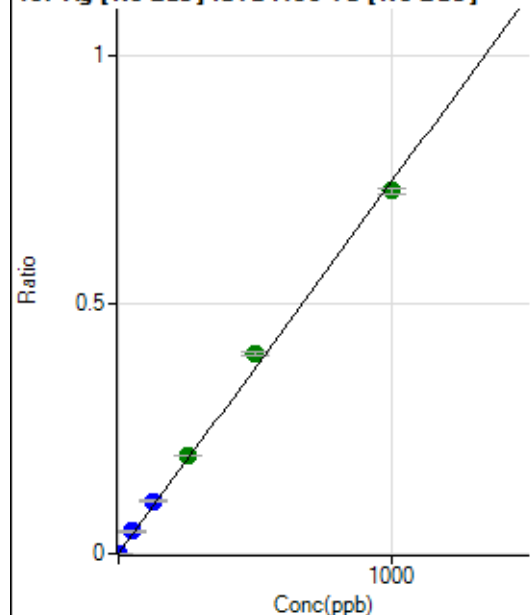
$$DL = 1.085$$

$$BEC = 31.44$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	33.0
2	☐	1.000	1.099	9522.81	0.0008	P	1.5
3	☐	50.000	59.838	481786.05	0.0447	P	5.4
4	☐	125.000	141.961	1179316.43	0.1059	P	1.1
5	☐	250.000	263.036	2214046.68	0.1963	A	1.2
6	☐	500.000	537.317	4309804.83	0.4010	A	1.5
7	☐	1000.000	975.471	8049909.12	0.7280	A	1.5
8	☐			3628.33	0.0004	P	10.0

$$y = 7.4628\text{E-}004 * x + 5.8481\text{E-}006$$

$$R = 0.9988$$

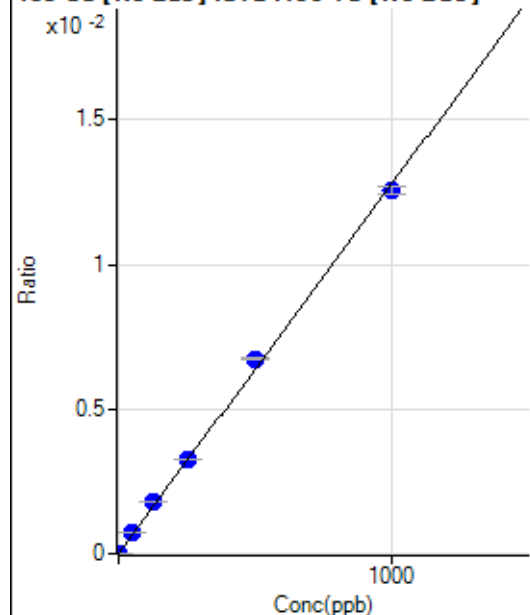
$$DL = 0.007755$$

$$BEC = 0.007836$$

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	13.89	0.0000	P	44.9
2	☐	1.000	1.169	186.11	0.0000	P	8.2
3	☐	50.000	56.106	7743.80	0.0007	P	3.8
4	☐	125.000	139.200	19789.97	0.0018	P	1.4
5	☐	250.000	256.140	36889.96	0.0033	P	0.7
6	☐	500.000	527.986	72454.20	0.0067	P	0.6
7	☐	1000.000	982.391	138664.88	0.0125	P	2.0
8	☐			63.89	0.0000	P	39.9

$$y = 1.2764\text{E-}005 * x + 1.2157\text{E-}006$$

$$R = 0.9993$$

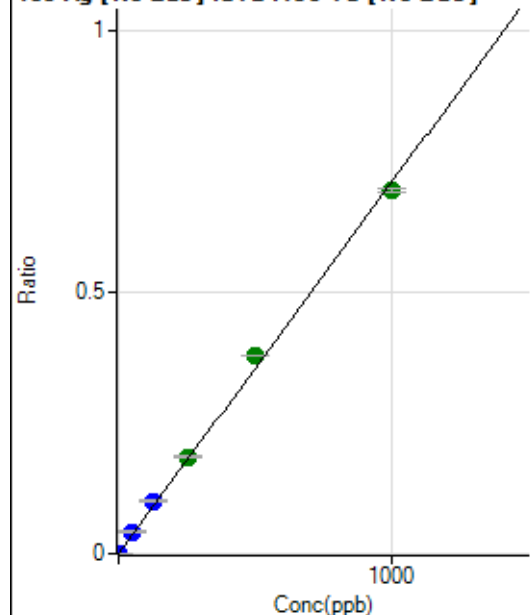
$$DL = 0.1284$$

$$BEC = 0.09525$$

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	8.33	0.0000	P	173.
2	☐	1.000	1.085	8869.63	0.0008	P	4.5
3	☐	50.000	59.457	454336.45	0.0421	P	6.3
4	☐	125.000	142.245	1122017.22	0.1008	P	0.6
5	☐	250.000	261.208	2087524.18	0.1851	A	2.3
6	☐	500.000	533.583	4064229.95	0.3781	A	0.9
7	☐	1000.000	977.778	7661811.98	0.6929	A	1.1
8	☐			3561.64	0.0004	P	5.3

$$y = 7.0861\text{E-}004 * x + 7.3545\text{E-}007$$

$$R = 0.9990$$

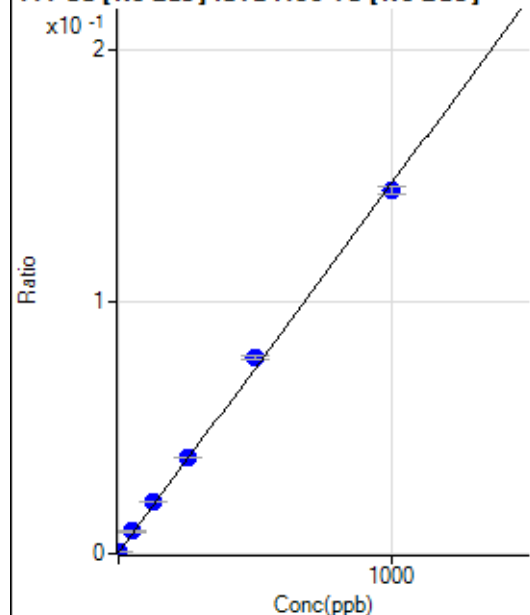
$$DL = 0.005393$$

$$BEC = 0.001038$$

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	4612.86	0.0004	P	1.1
2	☐	1.000	0.983	6327.71	0.0005	P	3.6
3	☐	50.000	58.170	96248.97	0.0089	P	5.8
4	☐	125.000	138.737	230665.65	0.0207	P	0.8
5	☐	250.000	259.294	432875.14	0.0384	P	0.7
6	☐	500.000	530.147	838779.96	0.0780	P	1.7
7	☐	1000.000	980.477	1592187.19	0.1440	P	2.1
8	☐			4365.03	0.0004	P	3.2

$$y = 1.4645\text{E-}004 * x + 4.0483\text{E-}004$$

$$R = 0.9992$$

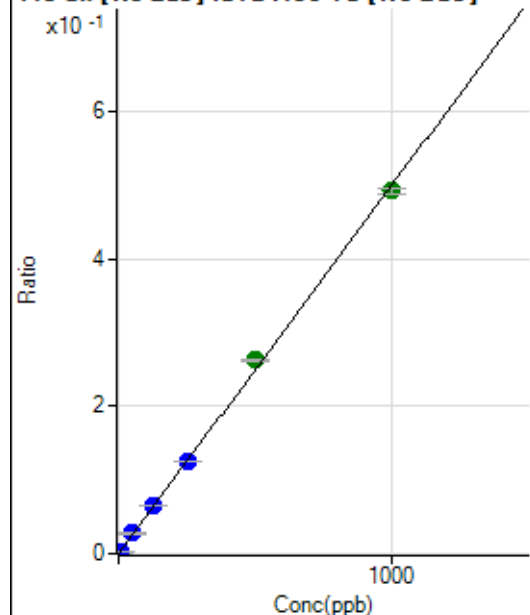
$$DL = 0.09527$$

$$BEC = 2.764$$

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	541.69	0.0000	P	7.3
2	☐	5.000	4.962	29090.88	0.0025	P	1.3
3	☐	50.000	54.866	295716.62	0.0274	P	6.3
4	☐	125.000	130.857	727274.61	0.0653	P	0.9
5	☐	250.000	250.219	1408670.18	0.1249	P	1.3
6	☐	500.000	525.774	2820158.40	0.2624	A	1.3
7	☐	1000.000	986.083	5440839.66	0.4920	A	1.4
8	☐			5776.31	0.0006	P	7.3

$$y = 4.9893\text{E-}004 * x + 4.7553\text{E-}005$$

$$R = 0.9995$$

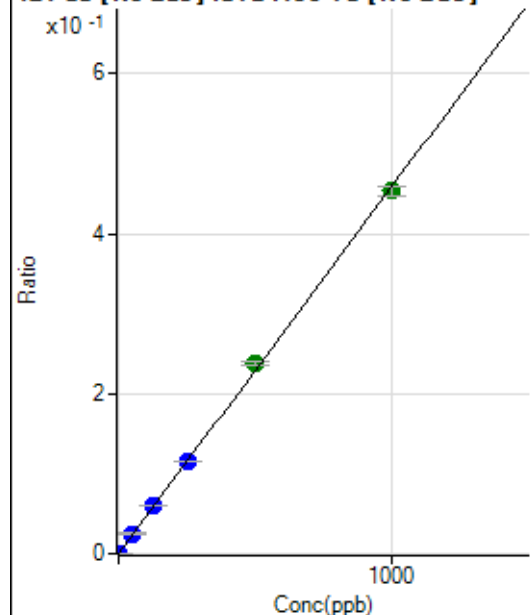
$$DL = 0.0209$$

$$BEC = 0.09531$$

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	16.67	0.0000	P	86.6
2	☐	2.000	1.961	10379.00	0.0009	P	1.2
3	☐	50.000	54.463	269124.14	0.0250	P	6.5
4	☐	125.000	131.047	668452.08	0.0601	P	1.1
5	☐	250.000	250.967	1297139.71	0.1150	P	1.2
6	☐	500.000	518.812	2554961.04	0.2377	A	2.1
7	☐	1000.000	989.373	5012836.79	0.4534	A	2.6
8	☐			3078.19	0.0003	P	2.6

$$y = 4.5823\text{E-}004 * x + 1.4586\text{E-}006$$

$$R = 0.9997$$

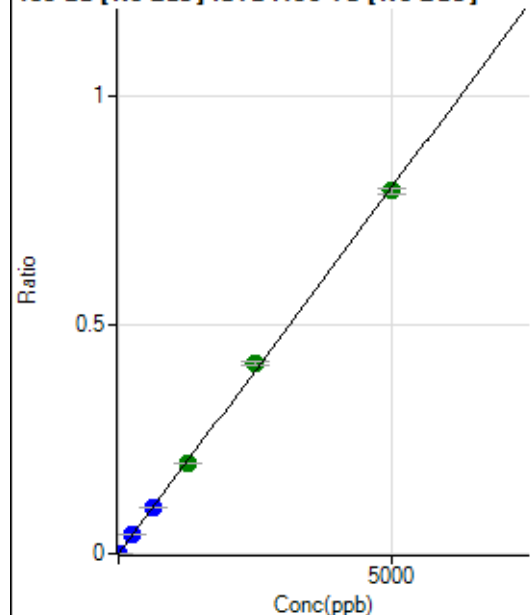
$$DL = 0.008271$$

$$BEC = 0.003183$$

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	11.11	0.0000	P	43.8
2	☐	10.000	9.370	17283.10	0.0015	P	0.8
3	☐	250.000	260.987	449837.32	0.0417	P	6.8
4	☐	625.000	632.022	1124681.55	0.1010	P	0.8
5	☐	1250.000	1231.537	2220658.30	0.1969	A	0.8
6	☐	2500.000	2595.731	4459574.49	0.4150	A	2.0
7	☐	5000.000	4955.324	8759520.25	0.7922	A	1.7
8	☐			4881.53	0.0005	P	7.7

$$y = 1.5986E-004 * x + 9.7616E-007$$

$$R = 0.9997$$

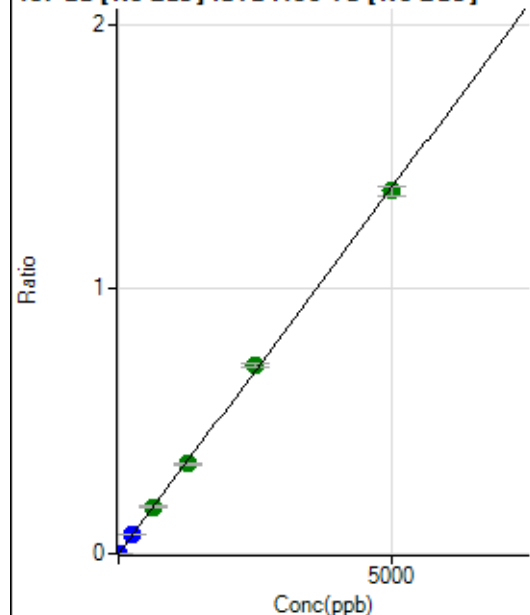
$$DL = 0.008022$$

$$BEC = 0.006106$$

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	50.00	0.0000	P	34.0
2	☐	10.000	9.305	29715.02	0.0026	P	1.9
3	☐	250.000	262.117	781679.14	0.0725	P	5.8
4	☐	625.000	641.221	1973302.21	0.1773	A	1.8
5	☐	1250.000	1230.178	3836222.83	0.3401	A	2.0
6	☐	2500.000	2584.766	7680478.12	0.7146	A	1.8
7	☐	5000.000	4959.941	15162579.85	1.3713	A	2.4
8	☐			8002.45	0.0008	P	6.9

$$y = 2.7648E-004 * x + 4.3958E-006$$

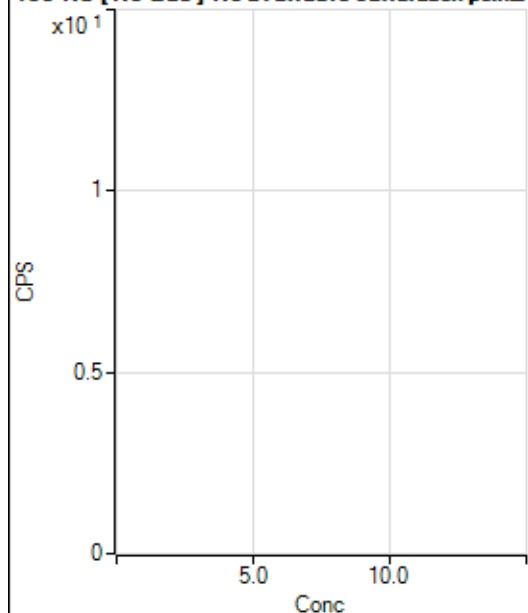
$$R = 0.9998$$

$$DL = 0.01621$$

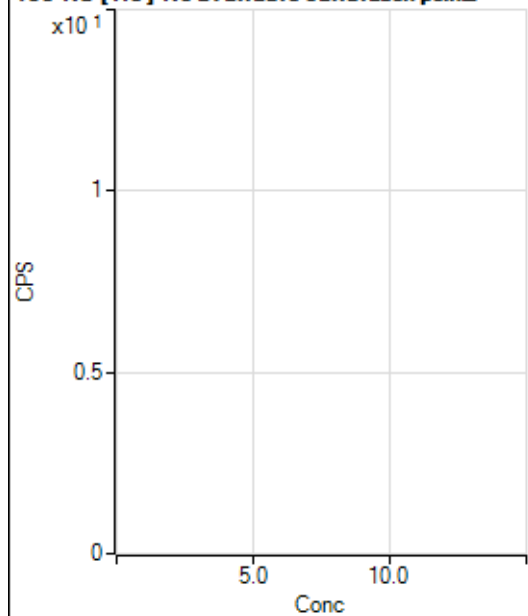
$$BEC = 0.0159$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			13.33		P	50.0
3	☐			157.78		P	14.8
4	☐			377.79		P	2.0
5	☐			704.48		P	3.9
6	☐			1428.99		P	12.4
7	☐			2642.53		P	1.0
8	☐			71.11		P	14.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			8.89		P	57.3
3	☐			33.33		P	52.0
4	☐			81.11		P	13.2
5	☐			155.56		P	24.8
6	☐			318.90		P	6.4
7	☐			590.02		P	4.6
8	☐			41.11		P	24.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			13.89		P	124.
3	☐			63.89		P	41.9
4	☐			122.22		P	17.2
5	☐			202.79		P	20.7
6	☐			402.80		P	1.2
7	☐			741.71		P	14.6
8	☐			1461.23		P	10.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			7.78		P	49.5
3	☐			40.00		P	36.3
4	☐			92.22		P	13.7
5	☐			150.00		P	23.1
6	☐			342.23		P	7.4
7	☐			618.91		P	7.3
8	☐			1062.27		P	7.0

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

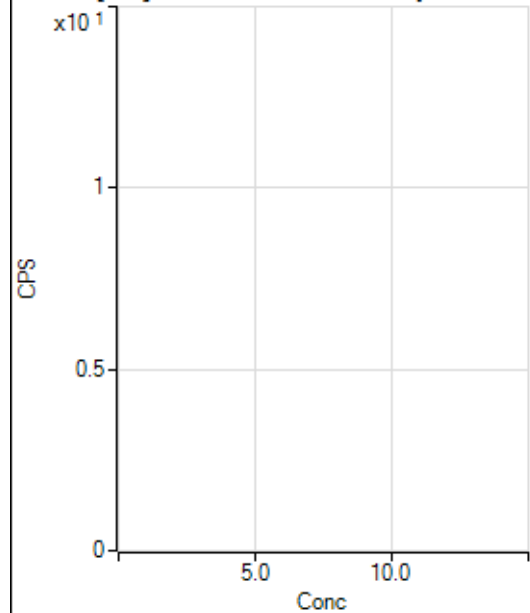
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	19.9
2	☐			63.89		P	49.4
3	☐			86.11		P	31.1
4	☐			116.67		P	24.7
5	☐			155.56		P	29.5
6	☐			316.68		P	22.9
7	☐			544.47		P	4.4
8	☐			1680.70		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			366.68		P	5.5
2	☐			387.79		P	7.0
3	☐			380.01		P	11.0
4	☐			386.68		P	3.1
5	☐			436.68		P	1.5
6	☐			492.24		P	14.3
7	☐			718.91		P	1.4
8	☐			1491.21		P	3.1

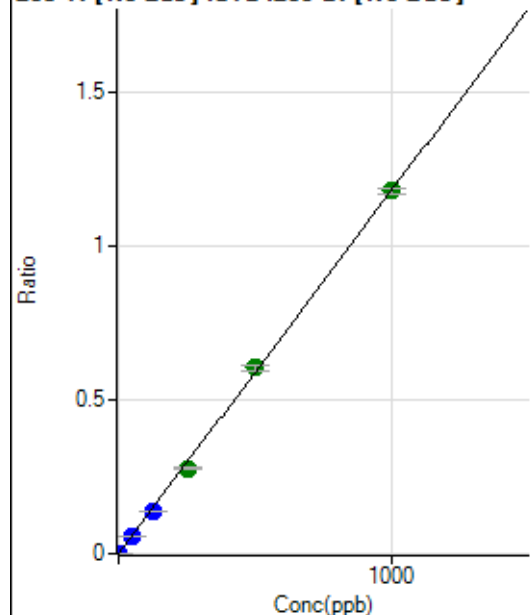
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	20.0
2	☐			77.78		P	12.4
3	☐			75.00		P	29.4
4	☐			100.00		P	38.2
5	☐			91.67		P	32.8
6	☐			150.00		P	33.8
7	☐			186.12		P	10.3
8	☐			158.34		P	24.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	9.1
2	☐			64.44		P	13.0
3	☐			62.22		P	13.5
4	☐			56.67		P	15.6
5	☐			73.33		P	27.6
6	☐			116.67		P	35.8
7	☐			164.45		P	10.0
8	☐			102.22		P	7.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.6
2	☐	1.000	0.841	8277.75	0.0010	P	3.4
3	☐	50.000	47.644	436911.09	0.0563	P	6.9
4	☐	125.000	116.312	1091740.38	0.1375	P	2.2
5	☐	250.000	234.677	2196507.38	0.2774	A	1.1
6	☐	500.000	511.684	4399774.88	0.6049	A	2.6
7	☐	1000.000	999.193	8537429.70	1.1812	A	1.4
8	☐			1514.02	0.0003	P	23.3

$$y = 0.0012 * x + 7.0900E-006$$

$$R = 0.9998$$

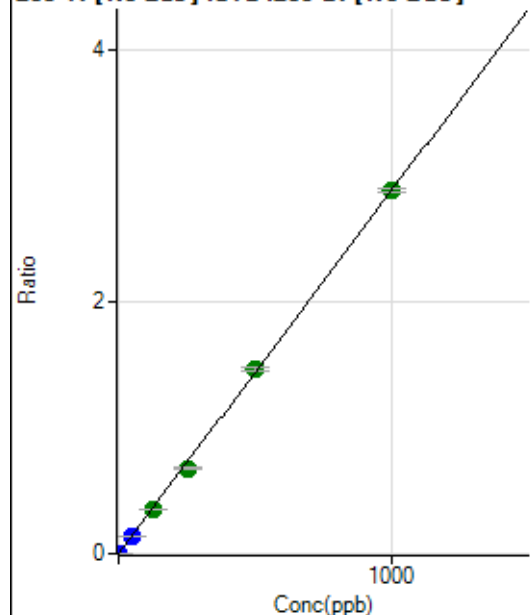
$$DL = 0.009286$$

$$BEC = 0.005997$$

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	141.67	0.0000	P	37.9
2	☐	1.000	0.881	21113.99	0.0026	P	1.3
3	☐	50.000	46.971	1048049.04	0.1351	P	7.3
4	☐	125.000	121.897	2784149.11	0.3507	A	2.5
5	☐	250.000	234.183	5333748.21	0.6737	A	2.3
6	☐	500.000	510.057	10674004.23	1.4674	A	1.9
7	☐	1000.000	999.465	20781873.38	2.8753	A	1.0
8	☐			3911.80	0.0007	P	20.7

$$y = 0.0029 * x + 1.7197E-005$$

$$R = 0.9998$$

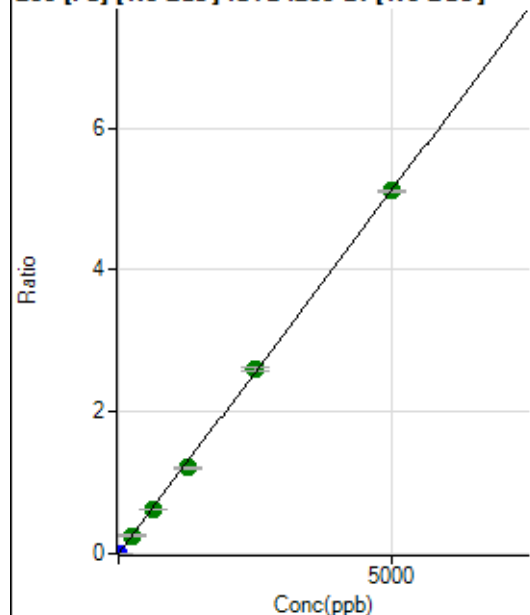
$$DL = 0.006801$$

$$BEC = 0.005978$$

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	109.26	0.0000	P	16.0
2	☐	1.000	0.824	7090.84	0.0009	P	0.6
3	☐	250.000	251.121	1993983.10	0.2571	A	6.9
4	☐	625.000	608.459	4944496.76	0.6228	A	2.8
5	☐	1250.000	1186.046	9611141.65	1.2141	A	2.1
6	☐	2500.000	2544.521	18945345.79	2.6046	A	2.3
7	☐	5000.000	4995.740	36961102.68	5.1137	A	0.7
8	☐			8106.30	0.0014	P	14.1

$$y = 0.0010 * x + 1.3278E-005$$

$$R = 0.9999$$

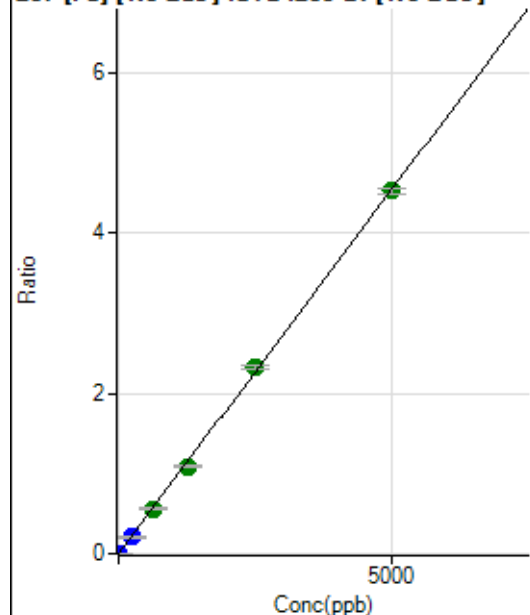
$$DL = 0.00623$$

$$BEC = 0.01297$$

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	85.19	0.0000	P	15.5
2	☐	1.000	0.773	5881.01	0.0007	P	2.5
3	☐	250.000	228.638	1607917.53	0.2073	P	7.2
4	☐	625.000	620.280	4464522.29	0.5624	A	3.3
5	☐	1250.000	1196.564	8589462.92	1.0850	A	1.7
6	☐	2500.000	2555.992	16859385.21	2.3176	A	1.7
7	☐	5000.000	4987.021	32681602.58	4.5219	A	1.6
8	☐			6712.89	0.0012	P	12.7

$$y = 9.0673E-004 * x + 1.0361E-005$$

$$R = 0.9998$$

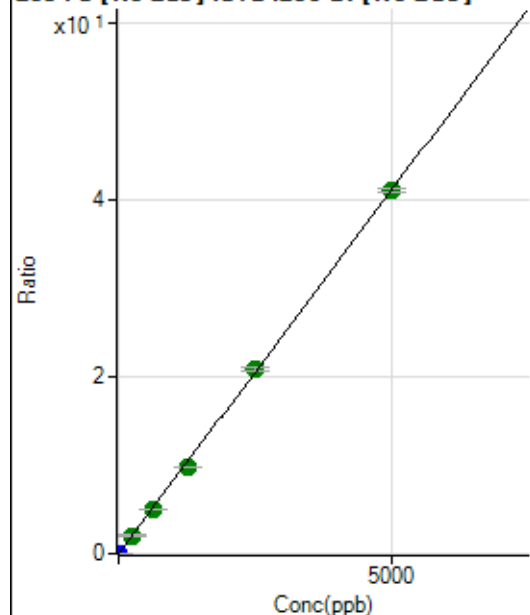
$$DL = 0.005313$$

$$BEC = 0.01143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	877.80	0.0001	P	13.5
2	☐	1.000	0.815	56312.13	0.0068	P	0.1
3	☐	250.000	249.592	15920557.77	2.0526	A	7.0
4	☐	625.000	611.031	39890171.23	5.0247	A	2.7
5	☐	1250.000	1191.384	77559990.86	9.7971	A	2.0
6	☐	2500.000	2550.404	152558488.7	20.9726	A	2.0
7	☐	5000.000	4991.219	296654302.0	41.0439	A	1.1
8	☐			63862.28	0.0111	P	13.8

$$y = 0.0082 * x + 1.0668E-004$$

$$R = 0.9999$$

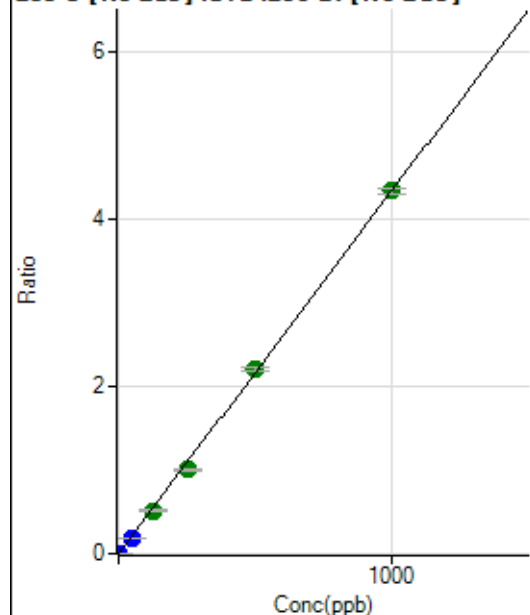
$$DL = 0.005247$$

$$BEC = 0.01297$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.764	27368.46	0.0033	P	2.7
3	☐	50.000	42.847	1438836.53	0.1856	P	7.6
4	☐	125.000	119.259	4101704.87	0.5165	A	1.2
5	☐	250.000	231.915	7951389.24	1.0044	A	2.0
6	☐	500.000	509.148	16042013.38	2.2050	A	1.1
7	☐	1000.000	1001.023	31332905.91	4.3353	A	1.6
8	☐			2528.10	0.0004	P	32.8

$$y = 0.0043 * x + 0.0000E+000$$

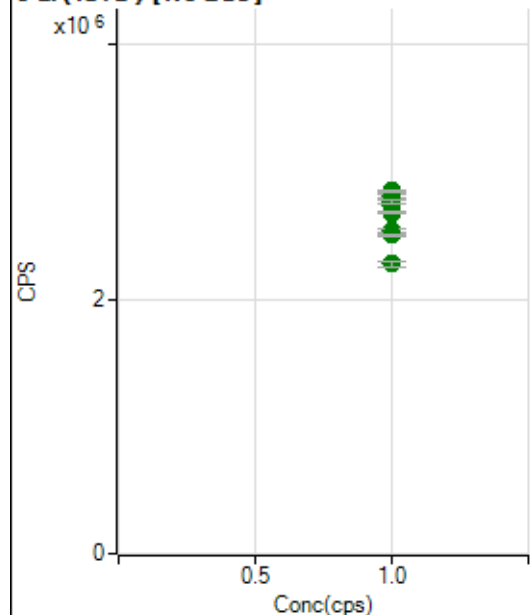
$$R = 0.9998$$

$$DL = 0$$

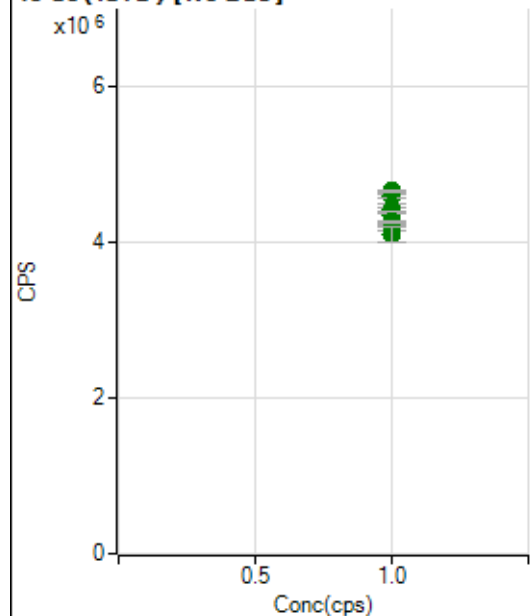
$$BEC = 0$$

Weight: <None>

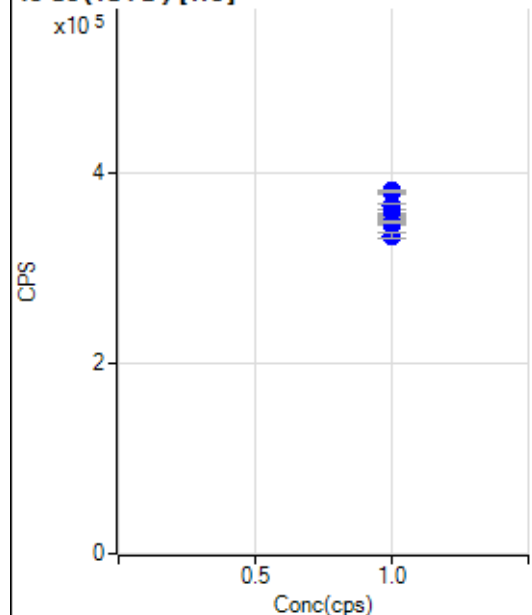
Min Conc: 0

6 Li (ISTD) [No Gas]

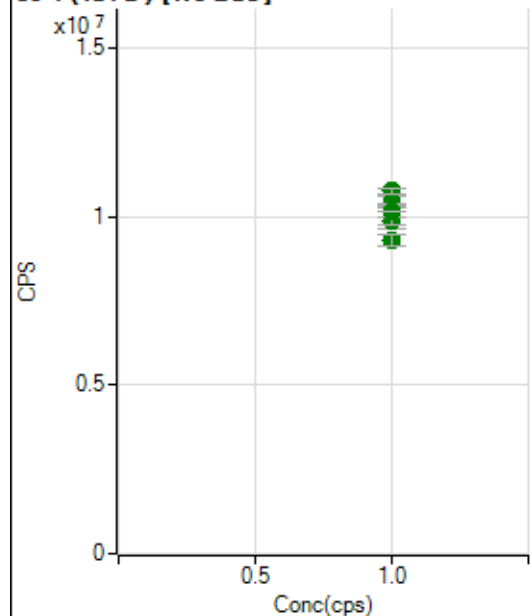
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2804332.28		A	1.1
2	☐	1.000		2849923.98		A	0.6
3	☐	1.000		2727159.39		A	3.8
4	☐	1.000		2758929.96		A	1.1
5	☐	1.000		2678803.53		A	0.4
6	☐	1.000		2535143.09		A	1.4
7	☐	1.000		2503604.61		A	0.6
8	☐	1.000		2274528.61		A	2.4

45 Sc (ISTD) [No Gas]

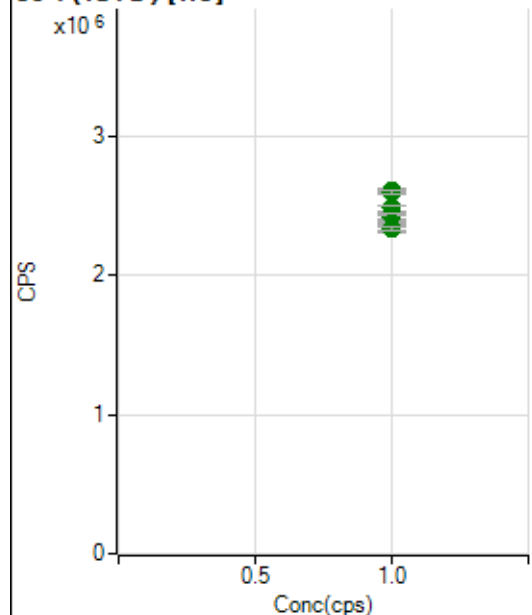
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4588776.80		A	1.1
2	☐	1.000		4652007.95		A	0.7
3	☐	1.000		4346101.08		A	6.4
4	☐	1.000		4403483.69		A	1.3
5	☐	1.000		4376801.01		A	0.3
6	☐	1.000		4183421.88		A	1.5
7	☐	1.000		4261395.74		A	0.6
8	☐	1.000		4088509.66		A	4.8

45 Sc (ISTD) [He]

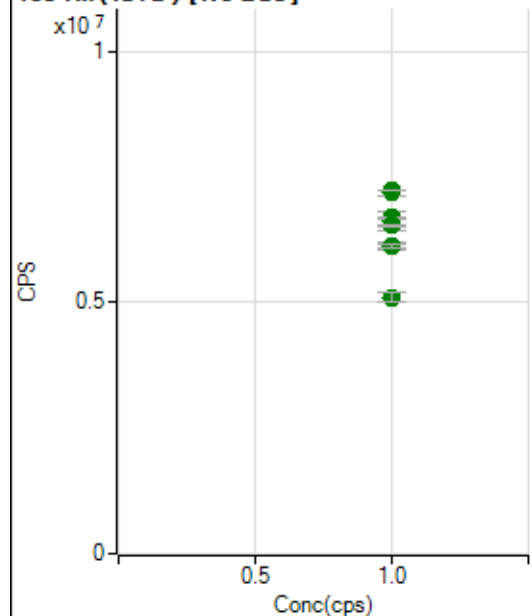
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		379162.12		P	1.2
2	☐	1.000		381276.95		P	0.2
3	☐	1.000		365093.77		P	1.5
4	☐	1.000		357008.16		P	0.5
5	☐	1.000		352786.80		P	0.3
6	☐	1.000		346251.74		P	0.7
7	☐	1.000		333715.32		P	1.8
8	☐	1.000		348335.04		P	1.0

89 Y (ISTD) [No Gas]

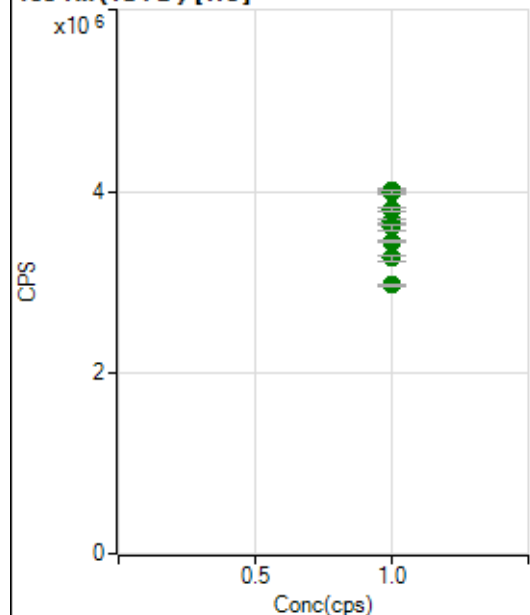
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10639962.00		A	0.5
2	☐	1.000		10755401.99		A	1.3
3	☐	1.000		9960108.88		A	6.6
4	☐	1.000		10289393.04		A	0.7
5	☐	1.000		10355742.28		A	0.5
6	☐	1.000		9856498.81		A	1.9
7	☐	1.000		10155885.06		A	0.2
8	☐	1.000		9290313.89		A	4.0

89 Y(ISTD) [He]

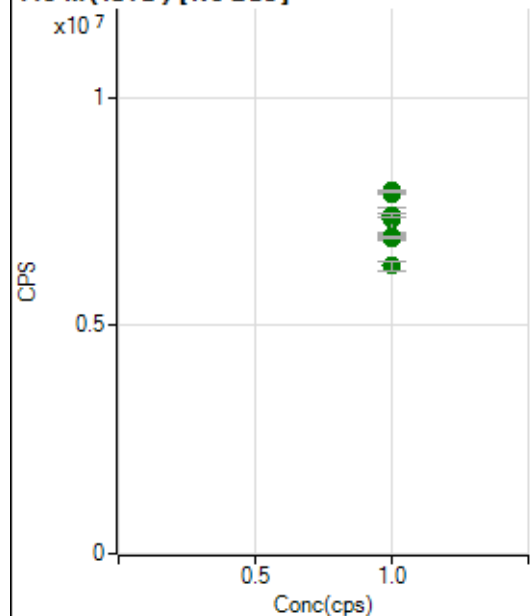
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2610580.51		A	1.0
2	☐	1.000		2599484.32		A	1.0
3	☐	1.000		2488223.12		A	1.8
4	☐	1.000		2423895.43		A	1.2
5	☐	1.000		2440534.34		A	0.3
6	☐	1.000		2384797.80		A	1.0
7	☐	1.000		2345836.03		A	3.0
8	☐	1.000		2340945.43		A	1.1

103 Rh(ISTD) [No Gas]

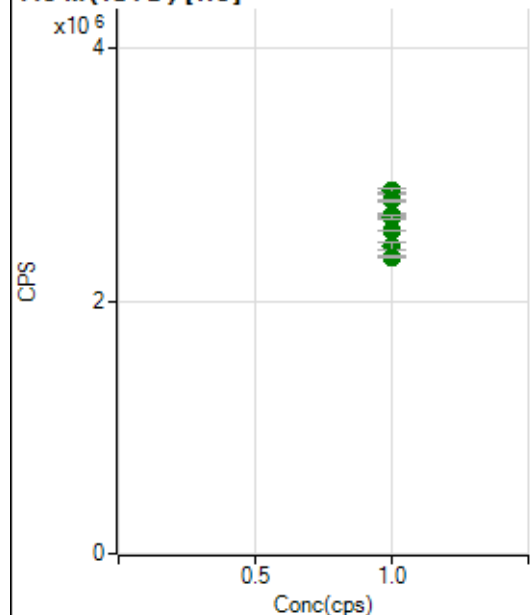
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7180221.00		A	1.5
2	☐	1.000		7222598.02		A	0.1
3	☐	1.000		6625465.66		A	5.6
4	☐	1.000		6688288.44		A	0.8
5	☐	1.000		6533138.03		A	0.8
6	☐	1.000		6117613.87		A	2.2
7	☐	1.000		6122625.95		A	1.1
8	☐	1.000		5109905.13		A	3.5

103 Rh (ISTD) [He]

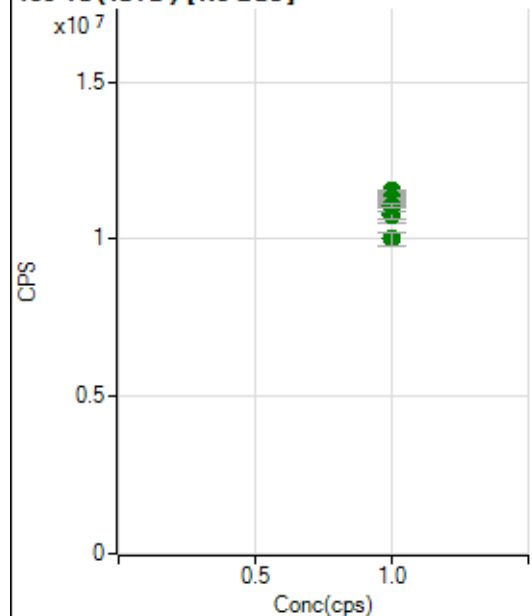
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4005991.30		A	1.1
2	☐	1.000		3993394.04		A	1.2
3	☐	1.000		3800586.19		A	1.2
4	☐	1.000		3671852.66		A	0.8
5	☐	1.000		3599795.29		A	1.3
6	☐	1.000		3449452.21		A	1.0
7	☐	1.000		3261328.87		A	2.1
8	☐	1.000		2967081.73		A	0.6

115 In (ISTD) [No Gas]

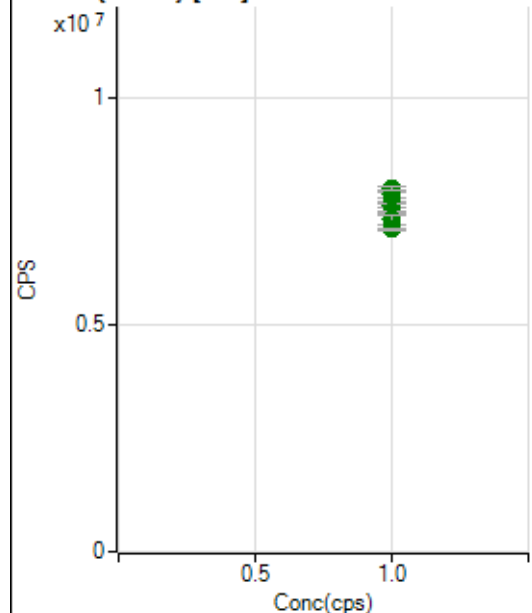
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7892266.50		A	0.3
2	☐	1.000		7948308.71		A	0.8
3	☐	1.000		7312775.89		A	7.2
4	☐	1.000		7430187.08		A	1.2
5	☐	1.000		7428250.47		A	1.0
6	☐	1.000		6924229.14		A	1.9
7	☐	1.000		6939524.45		A	0.9
8	☐	1.000		6305269.21		A	3.7

115 In (ISTD) [He]

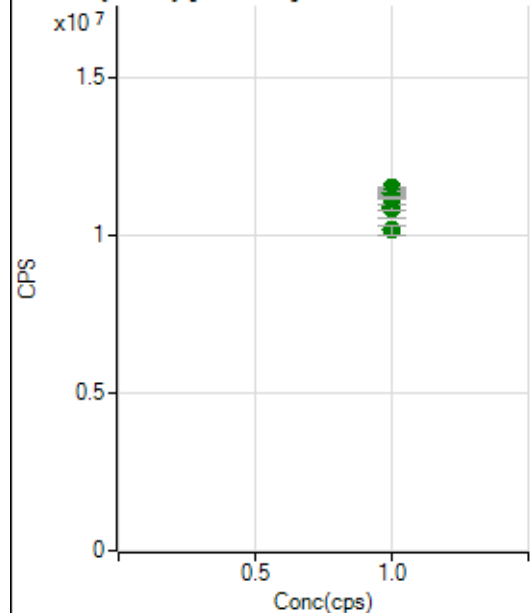
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2872998.20		A	1.0
2	☐	1.000		2874350.27		A	1.3
3	☐	1.000		2795650.22		A	0.9
4	☐	1.000		2687334.71		A	1.1
5	☐	1.000		2661401.68		A	1.3
6	☐	1.000		2559628.61		A	0.6
7	☐	1.000		2434011.72		A	2.5
8	☐	1.000		2353131.99		A	1.0

159 Tb (ISTD) [No Gas]

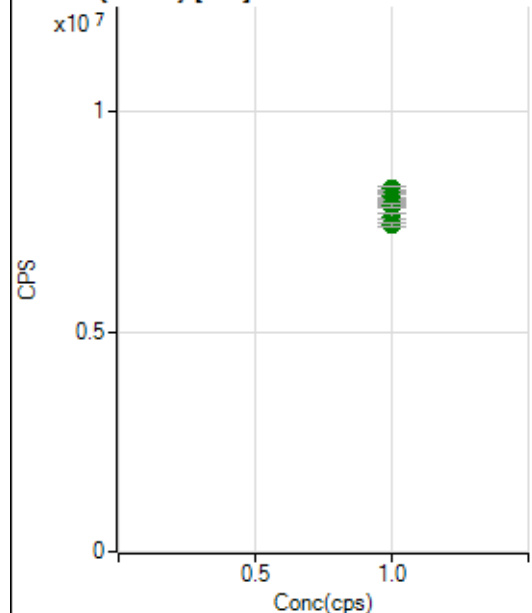
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11394928.72		A	0.9
2	☐	1.000		11530636.08		A	0.8
3	☐	1.000		10810901.57		A	6.0
4	☐	1.000		11131468.72		A	0.8
5	☐	1.000		11279143.58		A	0.6
6	☐	1.000		10749844.98		A	2.0
7	☐	1.000		11059220.88		A	1.3
8	☐	1.000		10018318.05		A	4.2

159 Tb (ISTD) [He]

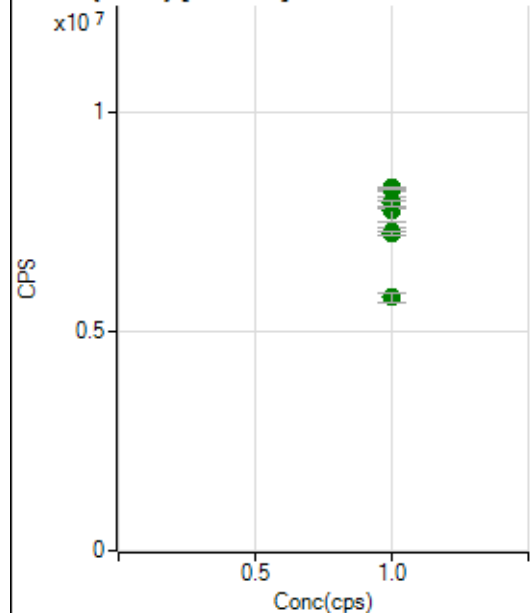
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7846582.80		A	1.9
2	☐	1.000		7980462.66		A	1.2
3	☐	1.000		7677627.32		A	0.8
4	☐	1.000		7681770.79		A	0.9
5	☐	1.000		7620451.21		A	1.1
6	☐	1.000		7471011.28		A	0.6
7	☐	1.000		7298281.84		A	2.7
8	☐	1.000		7091634.62		A	0.9

165 Ho (ISTD) [No Gas]

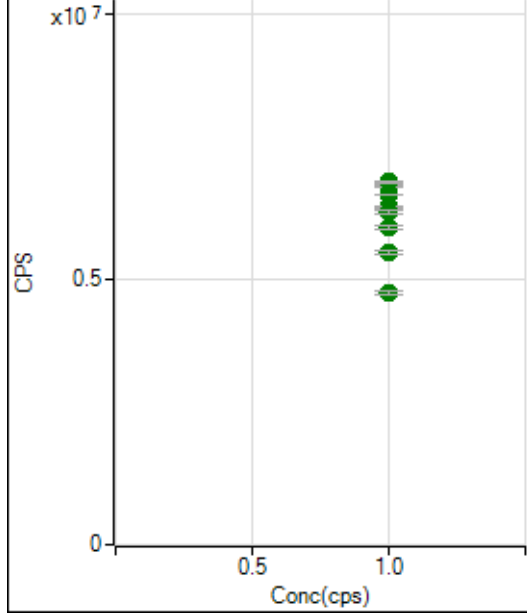
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11419880.66		A	1.1
2	☐	1.000		11486169.13		A	0.4
3	☐	1.000		10877366.64		A	6.5
4	☐	1.000		11219401.22		A	1.3
5	☐	1.000		11332108.17		A	0.9
6	☐	1.000		10859669.84		A	1.7
7	☐	1.000		11142698.17		A	0.6
8	☐	1.000		10155933.88		A	3.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8143764.25		A	0.2
2	☐	1.000		8246405.85		A	1.2
3	☐	1.000		8079477.45		A	0.8
4	☐	1.000		7902846.06		A	0.5
5	☐	1.000		7994596.34		A	0.5
6	☐	1.000		7868399.26		A	1.5
7	☐	1.000		7624151.41		A	2.0
8	☐	1.000		7437219.61		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8225790.22		A	0.7
2	☐	1.000		8272790.64		A	0.7
3	☐	1.000		7781745.44		A	7.0
4	☐	1.000		7943086.90		A	3.0
5	☐	1.000		7918077.94		A	1.4
6	☐	1.000		7276527.18		A	2.4
7	☐	1.000		7228243.30		A	1.0
8	☐	1.000		5766269.78		A	3.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6756560.18		A	0.3
2	☐	1.000		6843554.41		A	0.2
3	☐	1.000		6598590.25		A	0.2
4	☐	1.000		6378531.02		A	0.7
5	☐	1.000		6269705.05		A	1.0
6	☐	1.000		5977830.67		A	1.0
7	☐	1.000		5520049.99		A	1.6
8	☐	1.000		4747924.79		A	1.1