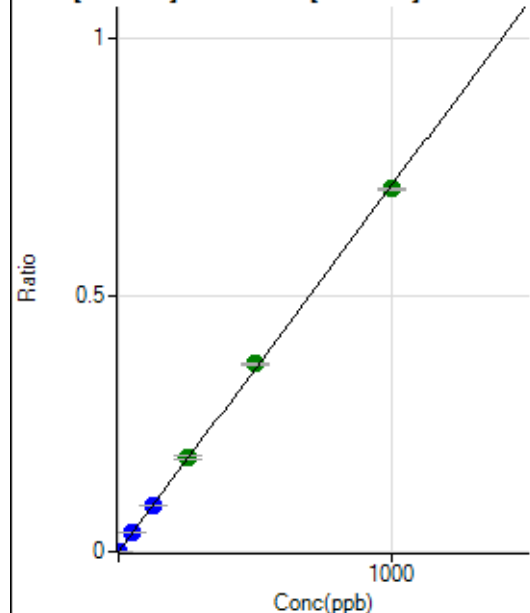


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021025 MS.b\
Analysis File: P8021025 MS.batch.bin
DA Date-Time: 2025-02-10 19:13:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-10 14:17:01
2	005CALS.d	S02	2025-02-10 14:20:21
3	006CALB.d	S03	2025-02-10 14:23:43
4	007CALS.d	S04	2025-02-10 14:26:46
5	008CALS.d	S05	2025-02-10 14:29:44
6	009CALS.d	S06	2025-02-10 14:32:34
7	010CALS.d	S07	2025-02-10 14:35:21
8	011CALS.d	S08	2025-02-10 14:38:06

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	382.46	0.0000	P	5.9
2	☐	1.000	1.116	7131.68	0.0008	P	2.0
3	☐	50.000	51.768	309544.20	0.0369	P	0.7
4	☐	125.000	125.116	747928.40	0.0892	P	1.1
5	☐	250.000	257.303	1502193.39	0.1834	A	3.1
6	☐	500.000	513.236	2897964.90	0.3658	A	1.6
7	☐	1000.000	991.453	5555721.64	0.7067	A	0.5
8	☐			2007.81	0.0003	P	9.5

$$y = 7.1271\text{E-}004 * x + 4.4189\text{E-}005$$

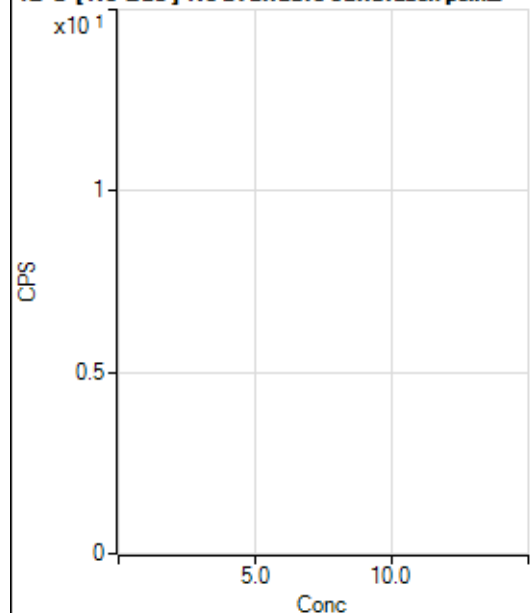
$$R = 0.9998$$

$$DL = 0.01104$$

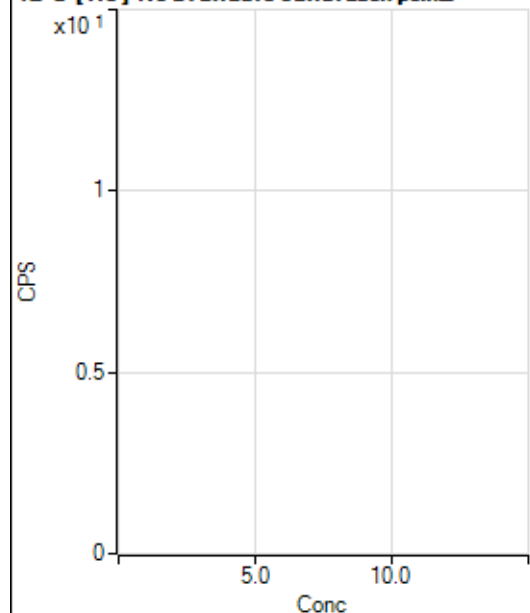
$$BEC = 0.062$$

Weight: <None>

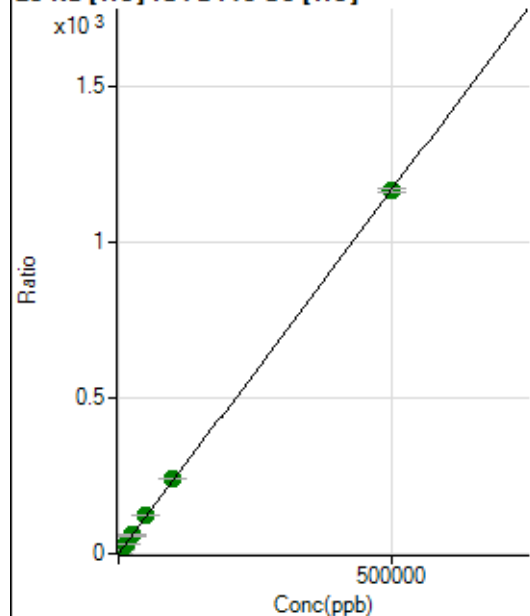
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3277553.08		A	1.3
2	☐			3570795.50		A	1.3
3	☐			3690193.66		A	0.8
4	☐			3818881.02		A	1.1
5	☐			3871358.62		A	0.6
6	☐			4098550.50		A	1.9
7	☐			5247832.42		A	4.1
8	☐			4169754.97		A	2.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21700.52		P	0.6
2	☐			23612.41		P	1.1
3	☐			25010.19		P	1.3
4	☐			25551.13		P	0.7
5	☐			26433.79		P	0.1
6	☐			29677.74		P	1.0
7	☐			39303.60		P	0.8
8	☐			39841.59		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	72986.61	0.3353	P	1.3
2	☐	500.000	523.829	348224.53	1.5557	P	6.9
3	☐	5000.000	5462.187	2751366.28	13.0618	A	0.6
4	☐	12500.000	12796.998	6475475.87	30.1515	A	5.1
5	☐	25000.000	25536.343	12673001.62	59.8334	A	7.1
6	☐	50000.000	52799.163	25162816.01	123.3540	A	0.7
7	☐	100000.00	103908.90	49702598.70	242.4366	A	0.8
8	☐	500000.00	498899.41	224071821.1	1,162.740	A	0.9

$$y = 0.0023 * x + 0.3353$$

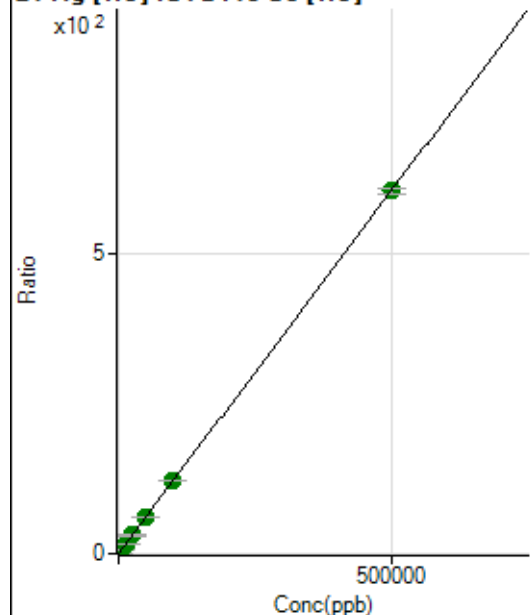
$$R = 1.0000$$

$$DL = 5.762$$

$$BEC = 143.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3414.88	0.0157	P	2.2
2	☐	500.000	515.231	143388.87	0.6406	P	6.9
3	☐	5000.000	5291.307	1355299.19	6.4338	A	1.1
4	☐	12500.000	12706.917	3314128.18	15.4285	A	4.4
5	☐	25000.000	25154.003	6459821.78	30.5261	A	8.8
6	☐	50000.000	51070.780	12639278.98	61.9618	A	1.1
7	☐	100000.00	101318.71	25198573.79	122.9098	A	0.8
8	☐	500000.00	499613.37	116784412.7	606.0194	A	1.4

$$y = 0.0012 * x + 0.0157$$

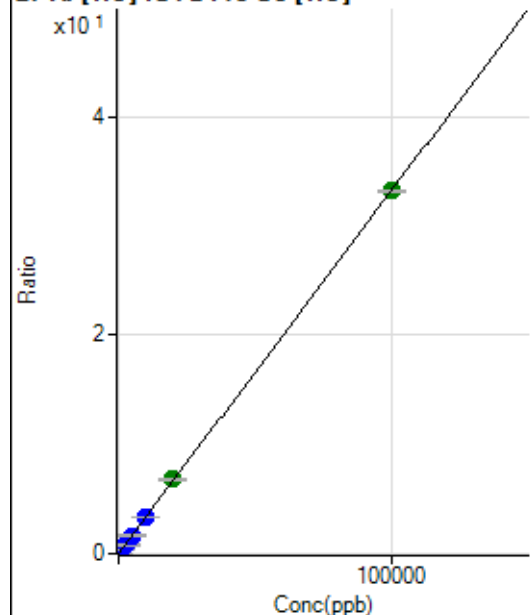
$$R = 1.0000$$

$$DL = 0.8686$$

$$BEC = 12.93$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.33	0.0004	P	17.4
2	☐	20.000	20.496	1607.89	0.0072	P	11.9
3	☐	1000.000	1022.529	71705.46	0.3404	P	0.7
4	☐	2500.000	2435.230	174024.20	0.8102	P	4.6
5	☐	5000.000	4850.022	341578.41	1.6132	P	7.8
6	☐	10000.000	10023.194	679993.51	3.3335	P	0.6
7	☐	20000.000	20408.604	1391505.43	6.7870	A	0.7
8	☐	100000.00	99924.853	6403919.07	33.2292	A	0.7

$$y = 3.3254E-004 * x + 3.8274E-004$$

$$R = 1.0000$$

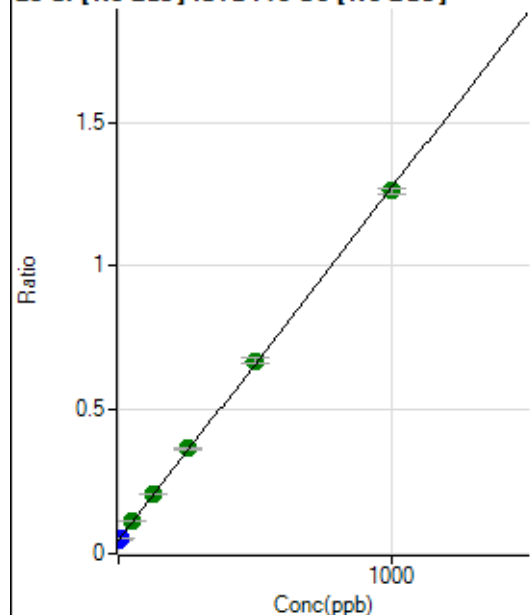
$$DL = 0.5996$$

$$BEC = 1.151$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	548174.43	0.0472	P	0.7
2	☐	10.000	6.823	641298.24	0.0556	P	0.4
3	☐	50.000	54.533	1290777.67	0.1140	A	1.9
4	☐	125.000	132.225	2346440.50	0.2092	A	1.0
5	☐	250.000	259.722	4040642.06	0.3653	A	0.5
6	☐	500.000	509.535	7370793.02	0.6713	A	2.4
7	☐	1000.000	991.704	13700052.57	1.2619	A	1.6
8	☐			649044.08	0.0646	P	0.5

$$y = 0.0012 * x + 0.0472$$

$$R = 0.9998$$

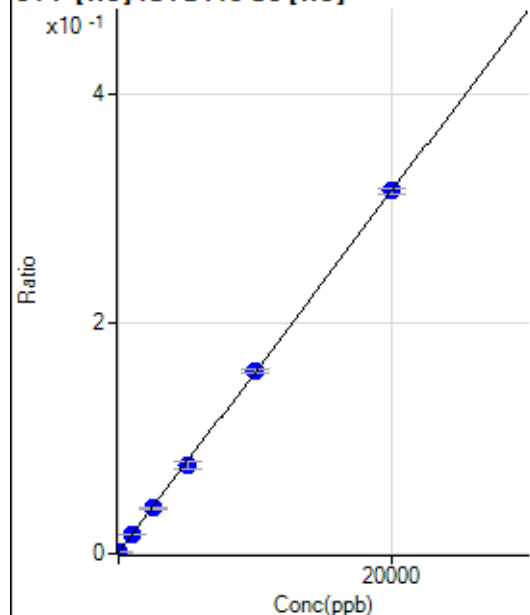
$$DL = 0.7757$$

$$BEC = 38.55$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-23.811	101.11	0.0005	P	10.0
2	☐	0.000	23.811	272.23	0.0012	P	13.2
3	☐	1000.000	1029.618	3582.70	0.0170	P	4.8
4	☐	2500.000	2452.993	8456.98	0.0394	P	3.8
5	☐	5000.000	4844.742	16288.10	0.0769	P	8.3
6	☐	10000.000	10055.085	32383.87	0.1588	P	1.8
7	☐	20000.000	20015.667	64617.32	0.3152	P	1.4
8	☐			121.11	0.0006	P	22.0

$$y = 1.5706E-005 * x + 8.3837E-004$$

$$R = 1.0000$$

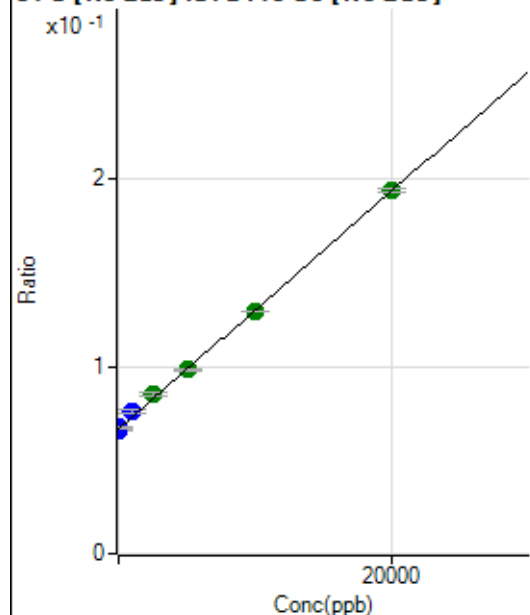
$$DL = 19.71$$

$$BEC = 53.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-109.945	765499.79	0.0659	P	0.6
2	☐	0.000	109.945	777001.27	0.0673	P	0.4
3	☐	1000.000	1460.651	859542.39	0.0759	P	2.0
4	☐	2500.000	2954.281	958165.07	0.0854	A	2.3
5	☐	5000.000	4954.480	1085273.00	0.0981	A	0.4
6	☐	10000.000	9879.319	1421197.84	0.1294	A	0.5
7	☐	20000.000	19991.903	2102946.75	0.1937	A	1.1
8	☐			633217.21	0.0630	P	1.9

$$y = 6.3551E-006 * x + 0.0666$$

$$R = 0.9995$$

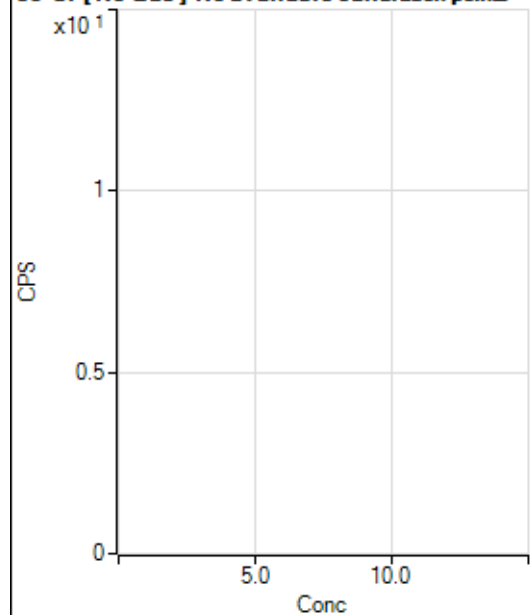
$$DL = 146.6$$

$$BEC = 1.049E+04$$

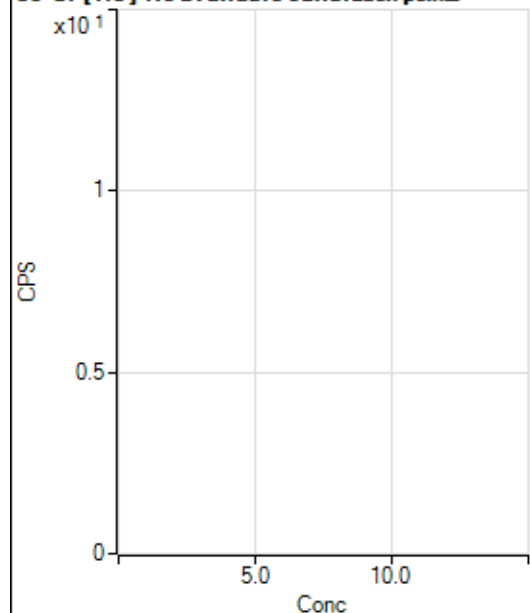
Weight: <None>

Min Conc: 0

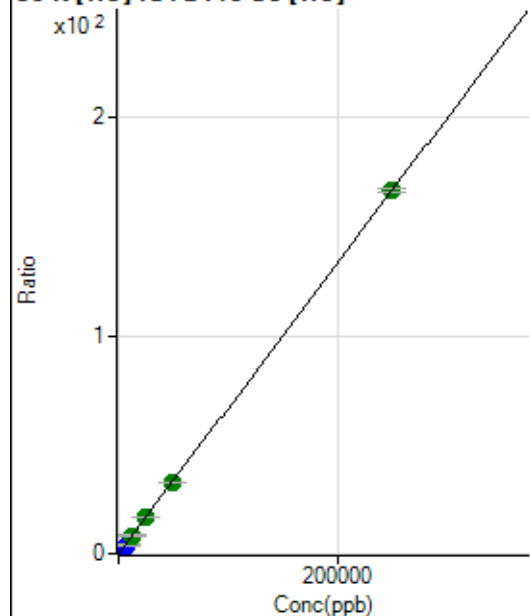
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			164371.30		P	0.6
2	☐			169056.43		P	0.7
3	☐			173424.87		P	0.7
4	☐			172547.87		P	0.3
5	☐			169774.86		P	0.4
6	☐			177453.35		P	0.9
7	☐			197486.92		P	1.1
8	☐			149658.93		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			595.57		P	10.0
2	☐			730.03		P	9.4
3	☐			613.35		P	5.9
4	☐			664.47		P	5.4
5	☐			683.36		P	2.4
6	☐			721.14		P	17.2
7	☐			855.59		P	4.1
8	☐			604.46		P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12445.44	0.0572	P	1.4
2	☐	500.000	490.301	85691.15	0.3828	P	6.7
3	☐	2500.000	2458.271	355960.81	1.6899	P	0.7
4	☐	6250.000	5880.977	851433.16	3.9631	P	3.8
5	☐	12500.000	12280.289	1738766.95	8.2134	A	8.1
6	☐	25000.000	25179.521	3423084.43	16.7807	A	0.2
7	☐	50000.000	48831.957	6661000.53	32.4899	A	0.7
8	☐	250000.00	250236.30	32038924.24	166.2567	A	0.9

$$y = 6.6417\text{E-}004 * x + 0.0572$$

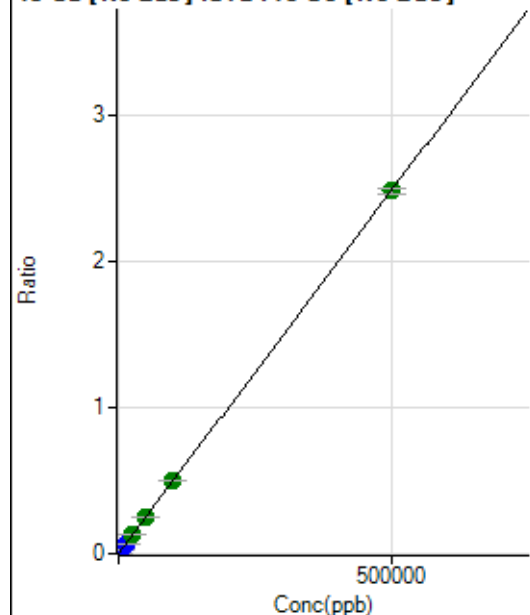
$$R = 1.0000$$

$$DL = 3.615$$

$$BEC = 86.07$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2172.41	0.0002	P	4.0
2	☐	500.000	505.919	31201.69	0.0027	P	1.9
3	☐	5000.000	4975.564	282374.76	0.0249	P	1.7
4	☐	12500.000	12418.033	695162.60	0.0620	P	0.5
5	☐	25000.000	25800.824	1421822.77	0.1286	A	2.1
6	☐	50000.000	50921.977	2783904.61	0.2535	A	1.8
7	☐	100000.00	100991.41	5457333.60	0.5027	A	1.2
8	☐	500000.00	499671.76	24994533.24	2.4863	A	1.3

$$y = 4.9754\text{E-}006 * x + 1.8718\text{E-}004$$

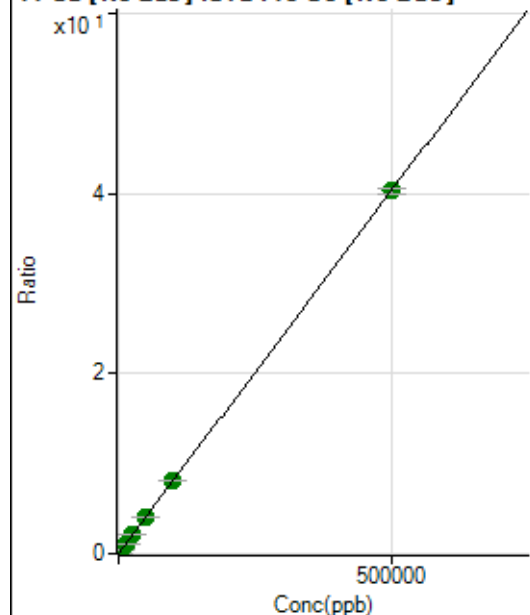
$$R = 1.0000$$

$$DL = 4.56$$

$$BEC = 37.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55783.10	0.0048	P	1.2
2	☐	500.000	502.499	523455.29	0.0454	P	0.4
3	☐	5000.000	5156.984	4766512.67	0.4211	A	2.7
4	☐	12500.000	12666.767	11523605.80	1.0273	A	0.3
5	☐	25000.000	25385.378	22715034.38	2.0539	A	1.0
6	☐	50000.000	50323.629	44655754.34	4.0670	A	1.3
7	☐	100000.00	101010.96	88577615.35	8.1585	A	0.9
8	☐	500000.00	499740.43	405571033.9	40.3444	A	1.6

$$y = 8.0721\text{E-}005 * x + 0.0048$$

$$R = 1.0000$$

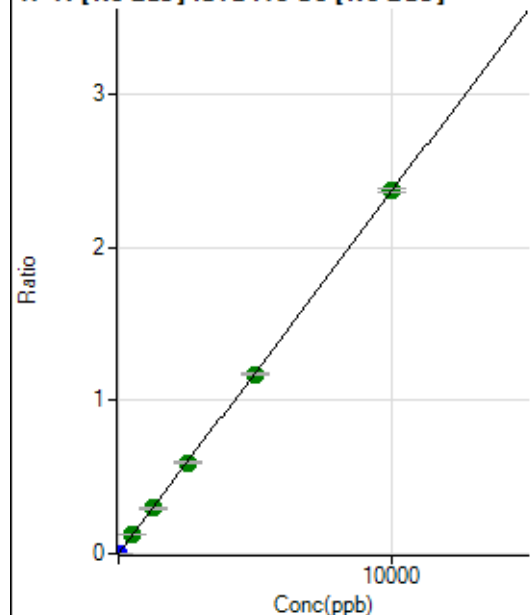
$$DL = 2.082$$

$$BEC = 59.54$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	192.22	0.0000	P	23.7
2	☐	5.000	5.255	14535.23	0.0013	P	3.0
3	☐	500.000	515.164	1380152.02	0.1219	A	1.8
4	☐	1250.000	1250.612	3319560.92	0.2959	A	0.5
5	☐	2500.000	2521.014	6597093.03	0.5965	A	0.7
6	☐	5000.000	4955.381	12874400.37	1.1725	A	1.4
7	☐	10000.000	10016.221	25731472.39	2.3700	A	0.9
8	☐			3249.30	0.0003	P	1.4

$$y = 2.3662\text{E-}004 * x + 1.6546\text{E-}005$$

$$R = 1.0000$$

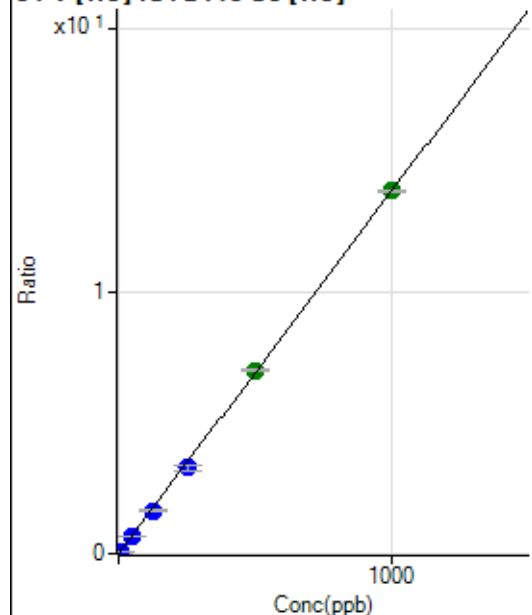
$$DL = 0.04977$$

$$BEC = 0.06993$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.56	0.0001	P	66.9
2	☐	5.000	5.077	15732.05	0.0703	P	8.7
3	☐	50.000	48.903	142484.15	0.6764	P	0.9
4	☐	125.000	117.697	349641.11	1.6278	P	4.7
5	☐	250.000	237.332	695082.48	3.2824	P	7.5
6	☐	500.000	506.116	1427815.34	6.9996	A	1.2
7	☐	1000.000	1001.076	2838399.30	13.8447	A	0.8
8	☐			718.91	0.0037	P	10.7

$$y = 0.0138 * x + 1.1739\text{E-}004$$

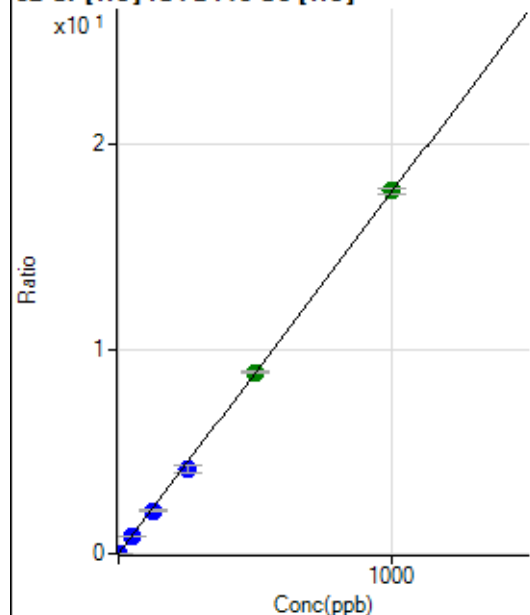
$$R = 0.9999$$

$$DL = 0.01704$$

$$BEC = 0.008489$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	884.48	0.0041	P	4.9
2	☐	2.000	2.029	8932.87	0.0399	P	7.9
3	☐	50.000	49.170	183931.25	0.8732	P	0.7
4	☐	125.000	117.450	446803.17	2.0801	P	4.6
5	☐	250.000	235.035	880314.81	4.1586	P	8.2
6	☐	500.000	501.557	1809268.64	8.8697	A	1.5
7	☐	1000.000	1003.948	3638939.25	17.7501	A	1.3
8	☐			10850.87	0.0563	P	2.4

$$y = 0.0177 * x + 0.0041$$

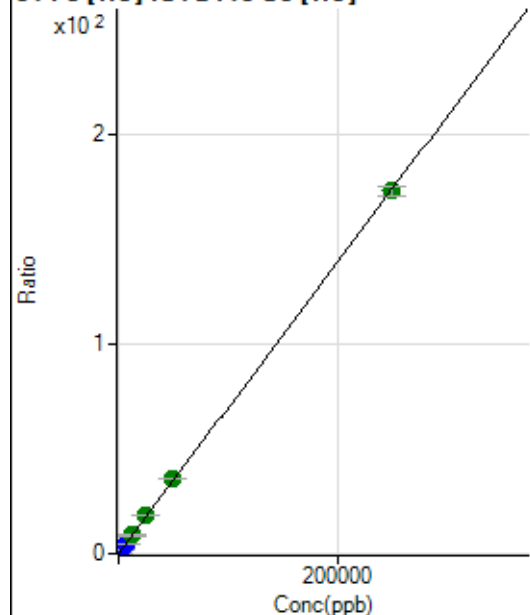
$$R = 0.9999$$

$$DL = 0.03392$$

$$BEC = 0.2298$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	423.34	0.0019	P	1.6
2	☐	50.000	54.461	8888.39	0.0397	P	7.8
3	☐	2500.000	2647.916	387344.03	1.8388	P	0.6
4	☐	6250.000	6271.506	934892.25	4.3524	P	4.6
5	☐	12500.000	13001.621	1909931.19	9.0210	A	7.9
6	☐	25000.000	26435.971	3741155.46	18.3402	A	1.2
7	☐	50000.000	52038.529	7401166.00	36.1003	A	0.5
8	☐	250000.00	249421.59	33338620.06	173.0221	A	2.3

$$y = 6.9369E-004 * x + 0.0019$$

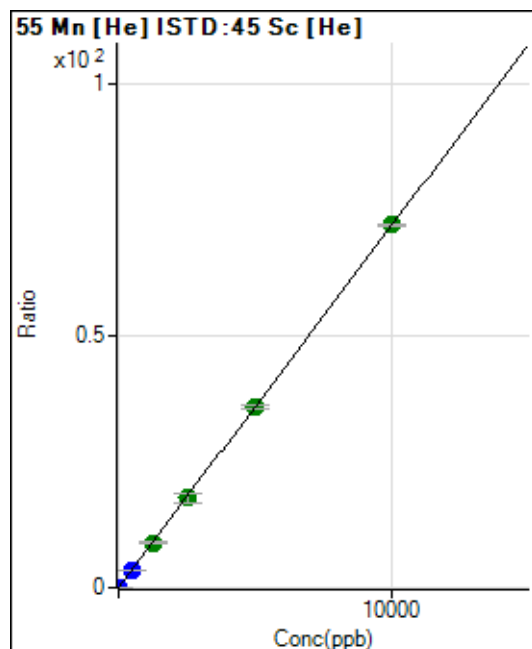
$$R = 1.0000$$

$$DL = 0.1318$$

$$BEC = 2.803$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.01	0.0008	P	12.2
2	☐	1.000	0.974	1750.13	0.0078	P	1.6
3	☐	500.000	498.601	755588.48	3.5871	P	1.1
4	☐	1250.000	1226.409	1894994.45	8.8221	A	4.5
5	☐	2500.000	2470.761	3760204.70	17.7726	A	9.2
6	☐	5000.000	4979.349	7305930.80	35.8165	A	1.7
7	☐	10000.000	10020.654	14777179.50	72.0778	A	0.3
8	☐			6347.02	0.0329	P	3.5

$$y = 0.0072 * x + 7.8087E-004$$

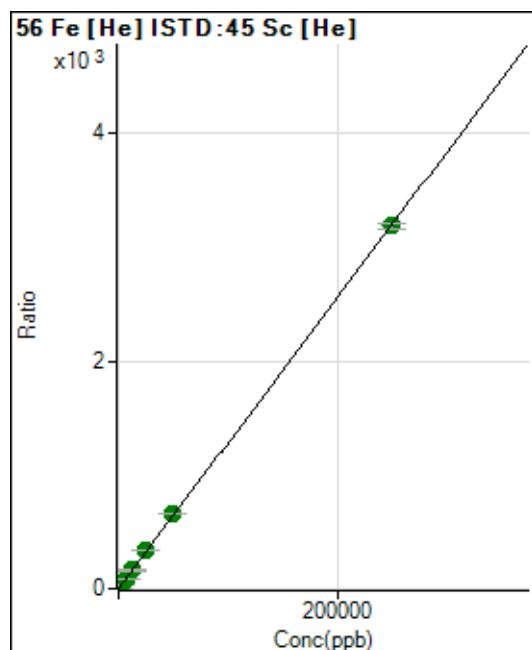
$$R = 1.0000$$

$$DL = 0.03973$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5323.27	0.0245	P	2.9
2	☐	50.000	53.600	158640.78	0.7087	P	6.6
3	☐	2500.000	2643.497	7113253.09	33.7696	A	1.0
4	☐	6250.000	6322.582	17343413.91	80.7344	A	4.1
5	☐	12500.000	12718.263	34375219.49	162.3775	A	8.1
6	☐	25000.000	26173.526	68160248.99	334.1386	A	0.8
7	☐	50000.000	51456.789	134672341.3	656.8883	A	1.2
8	☐	250000.00	249577.12	613908439.7	3,185.963	A	1.8

$$y = 0.0128 * x + 0.0245$$

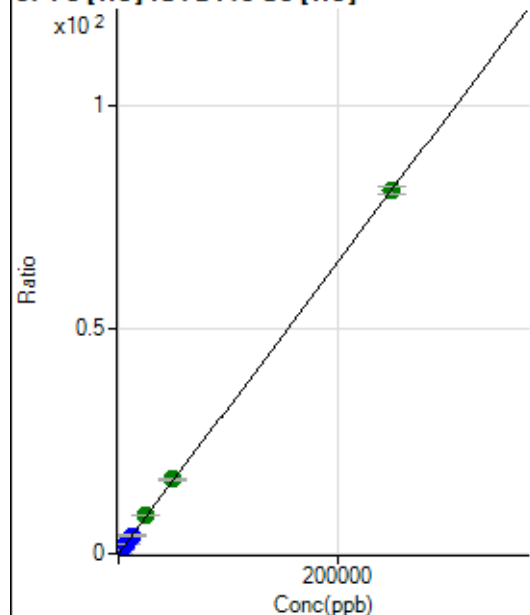
$$R = 1.0000$$

$$DL = 0.165$$

$$BEC = 1.915$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	157.78	0.0007	P	10.0
2	☐	50.000	53.013	3998.38	0.0179	P	10.9
3	☐	2500.000	2564.119	175063.67	0.8311	P	0.8
4	☐	6250.000	6124.217	426168.63	1.9839	P	4.3
5	☐	12500.000	12176.272	835067.21	3.9438	P	7.7
6	☐	25000.000	26288.668	1736734.47	8.5138	A	1.1
7	☐	50000.000	50987.996	3385356.13	16.5123	A	0.2
8	☐	250000.00	249692.22	15580552.68	80.8591	A	2.0

$$y = 3.2383\text{E-}004 * x + 7.2474\text{E-}004$$

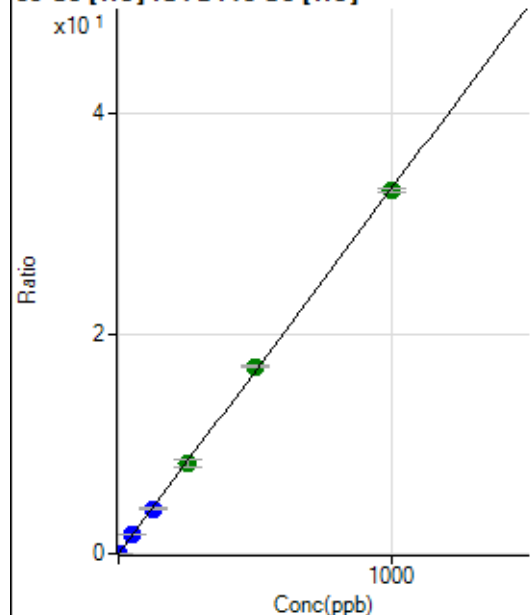
$$R = 1.0000$$

$$DL = 0.6712$$

$$BEC = 2.238$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.22	0.0005	P	13.1
2	☐	1.000	1.087	8187.98	0.0366	P	6.0
3	☐	50.000	50.966	356521.31	1.6926	P	1.1
4	☐	125.000	121.971	870110.76	4.0500	P	3.8
5	☐	250.000	249.294	1752152.56	8.2773	A	8.2
6	☐	500.000	513.510	3477996.47	17.0495	A	0.7
7	☐	1000.000	993.752	6764380.04	32.9940	A	1.0
8	☐			13555.44	0.0704	P	4.0

$$y = 0.0332 * x + 4.6951\text{E-}004$$

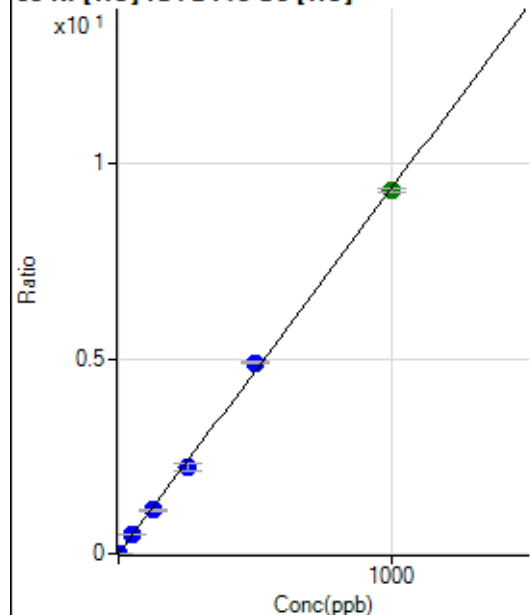
$$R = 0.9999$$

$$DL = 0.005561$$

$$BEC = 0.01414$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	988.93	0.0045	P	5.8
2	☐	1.000	0.977	3064.80	0.0137	P	8.5
3	☐	50.000	50.568	100813.82	0.4786	P	1.3
4	☐	125.000	118.886	240398.06	1.1191	P	4.2
5	☐	250.000	237.060	471510.55	2.2269	P	7.8
6	☐	500.000	521.556	998330.44	4.8941	P	0.8
7	☐	1000.000	993.193	1909809.96	9.3156	A	1.0
8	☐			6771.68	0.0351	P	4.2

$$y = 0.0094 * x + 0.0045$$

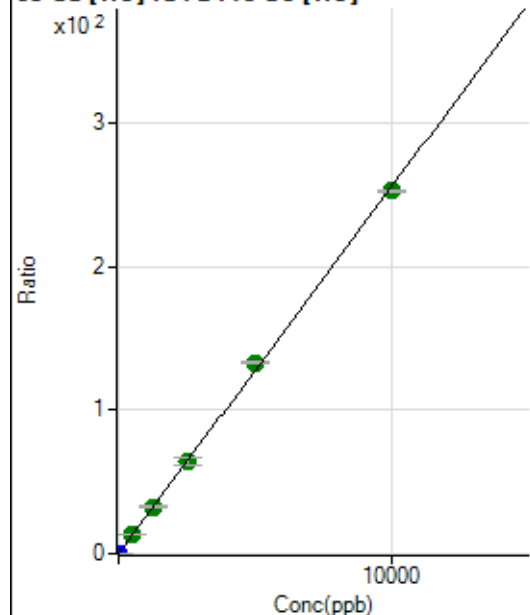
$$R = 0.9996$$

$$DL = 0.08484$$

$$BEC = 0.4845$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2688.06	0.0123	P	4.9
2	☐	2.000	2.155	15090.35	0.0674	P	7.1
3	☐	500.000	539.718	2908450.62	13.8083	A	1.7
4	☐	1250.000	1275.037	7003635.45	32.6041	A	4.5
5	☐	2500.000	2513.444	13611420.49	64.2595	A	7.0
6	☐	5000.000	5202.116	27128132.93	132.9858	A	0.8
7	☐	10000.000	9890.465	51834752.00	252.8267	A	0.3
8	☐			10973.21	0.0570	P	4.3

$$y = 0.0256 * x + 0.0123$$

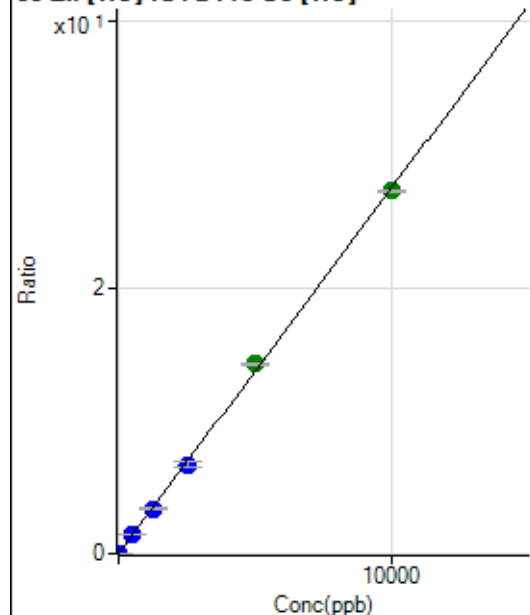
$$R = 0.9997$$

$$DL = 0.0709$$

$$BEC = 0.483$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	332.23	0.0015	P	13.9
2	☐	2.000	5.054	3446.01	0.0154	P	8.2
3	☐	500.000	513.575	297395.98	1.4119	P	0.6
4	☐	1250.000	1224.939	722882.45	3.3653	P	4.5
5	☐	2500.000	2441.654	1420092.34	6.7065	P	7.7
6	☐	5000.000	5184.239	2904388.98	14.2379	A	0.3
7	☐	10000.000	9924.920	5588058.74	27.2563	A	0.5
8	☐			3039.24	0.0158	P	5.4

$$y = 0.0027 * x + 0.0015$$

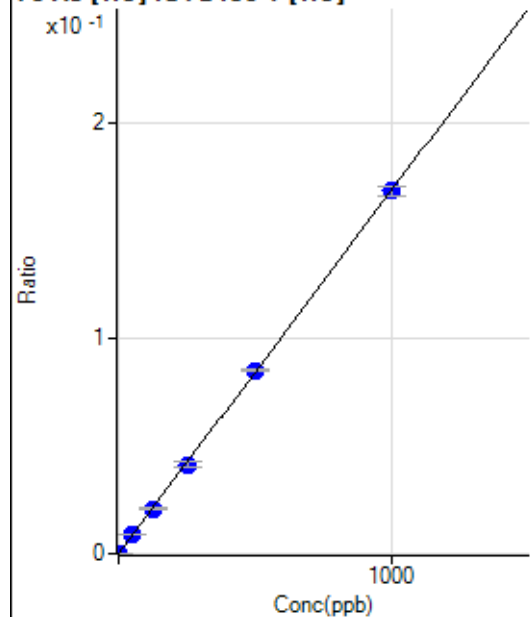
$$R = 0.9997$$

$$DL = 0.2312$$

$$BEC = 0.5557$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14.45	0.0000	P	26.6
2	☐	1.000	1.094	390.01	0.0002	P	23.1
3	☐	50.000	51.802	16820.10	0.0087	P	0.6
4	☐	125.000	123.993	40896.97	0.0209	P	5.0
5	☐	250.000	245.984	80376.21	0.0415	P	6.3
6	☐	500.000	504.745	160763.20	0.0851	P	1.2
7	☐	1000.000	998.667	317696.52	0.1683	P	2.4
8	☐			180.00	0.0001	P	11.8

$$y = 1.6852E-004 * x + 7.2162E-006$$

$$R = 1.0000$$

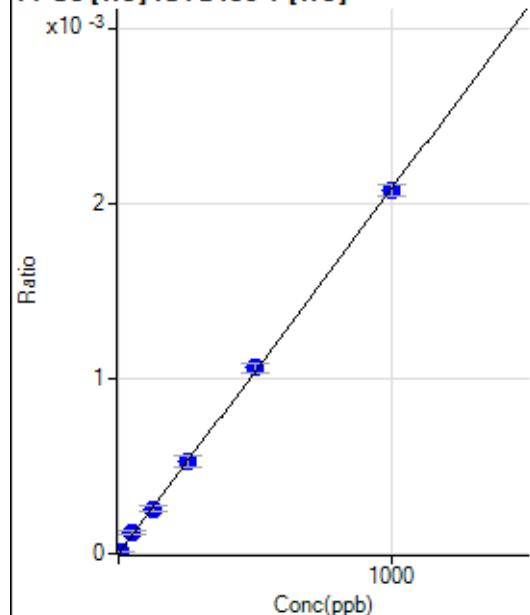
$$DL = 0.03414$$

$$BEC = 0.04282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.174	22.22	0.0000	P	38.8
3	☐	50.000	55.675	223.34	0.0001	P	18.8
4	☐	125.000	123.869	505.57	0.0003	P	16.4
5	☐	250.000	251.151	1012.27	0.0005	P	12.2
6	☐	500.000	509.751	2006.83	0.0011	P	4.6
7	☐	1000.000	994.693	3912.81	0.0021	P	3.1
8	☐			3.33	0.0000	P	101.0

$$y = 2.0841\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

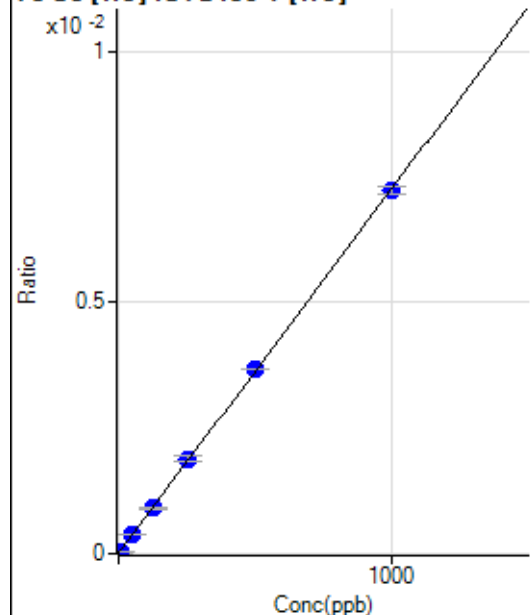
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.7
2	☐	5.000	5.614	96.67	0.0000	P	18.0
3	☐	50.000	51.726	733.36	0.0004	P	6.1
4	☐	125.000	124.182	1772.36	0.0009	P	4.4
5	☐	250.000	260.128	3662.73	0.0019	P	7.7
6	☐	500.000	504.668	6921.77	0.0037	P	0.3
7	☐	1000.000	995.147	13620.01	0.0072	P	2.1
8	☐			13.33	0.0000	P	73.7

$$y = 7.2440\text{E-}006 * x + 6.1067\text{E-}006$$

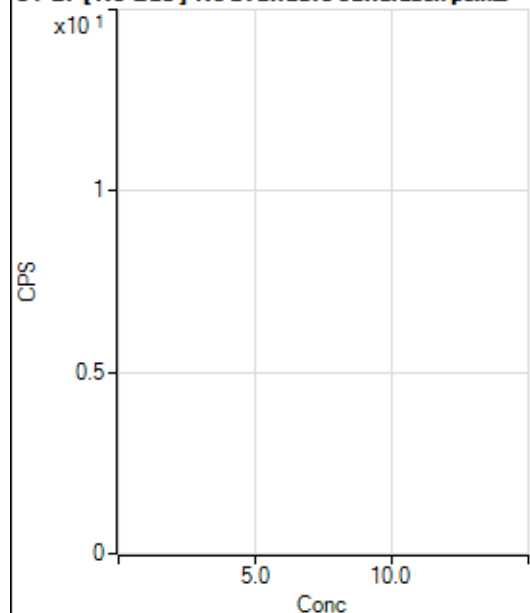
$$R = 0.9999$$

$$DL = 1.055$$

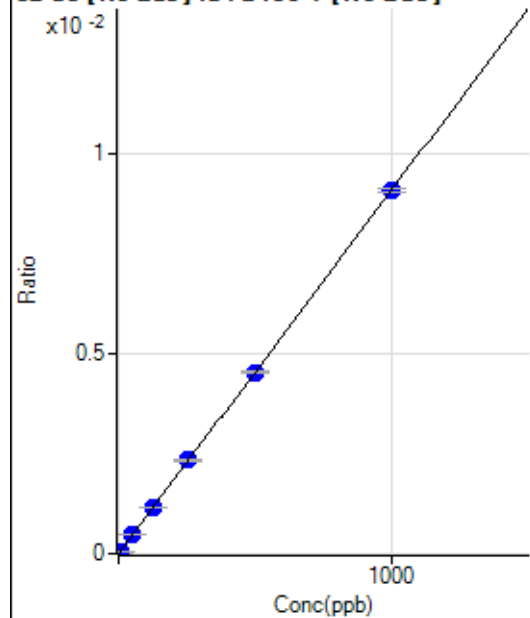
$$BEC = 0.843$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4298.50		P	2.2
2	☐			4171.78		P	1.0
3	☐			4212.89		P	1.1
4	☐			4012.84		P	2.2
5	☐			3797.22		P	4.0
6	☐			3712.76		P	2.4
7	☐			3973.95		P	6.1
8	☐			3955.05		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-1.11	0.0000	P	-4332.
2	☐	5.000	5.440	1430.12	0.0000	P	6.1
3	☐	50.000	52.731	13514.63	0.0005	P	2.0
4	☐	125.000	128.299	32551.74	0.0012	P	1.5
5	☐	250.000	258.115	64822.28	0.0023	P	1.6
6	☐	500.000	498.380	125721.23	0.0045	P	0.8
7	☐	1000.000	998.230	251512.20	0.0091	P	1.2
8	☐			-12.23	0.0000	P	-305.0

$$y = 9.0845E-006 * x - 3.4397E-008$$

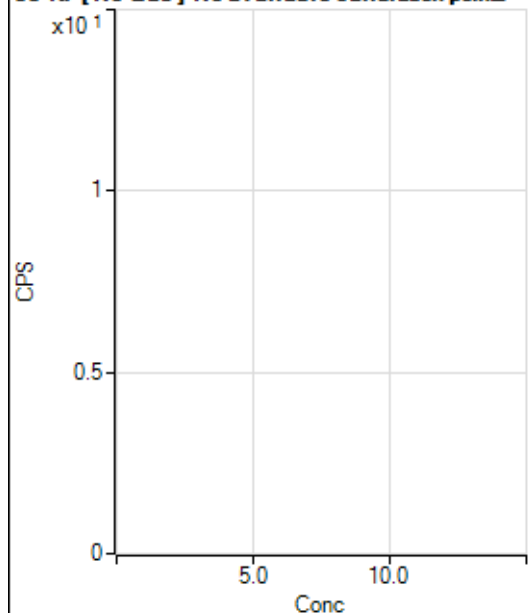
$$R = 1.0000$$

$$DL = 0.4921$$

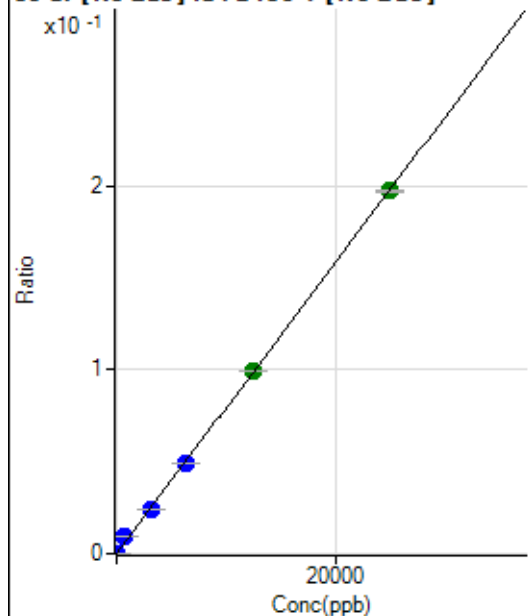
$$BEC = -0.003786$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			274.45		P	4.6
2	☐			275.56		P	8.6
3	☐			284.45		P	2.4
4	☐			266.67		P	13.5
5	☐			267.78		P	14.4
6	☐			301.12		P	12.6
7	☐			286.67		P	7.1
8	☐			315.57		P	10.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	623.35	0.0000	P	6.4
2	☐	1.000	25.741	6512.69	0.0002	P	2.1
3	☐	625.000	1231.459	275394.98	0.0098	P	1.4
4	☐	3125.000	3070.481	678797.65	0.0243	P	0.2
5	☐	6250.000	6191.874	1354341.93	0.0490	P	1.1
6	☐	12500.000	12580.260	2763362.15	0.0995	A	0.8
7	☐	25000.000	24966.054	5477034.09	0.1975	A	0.6
8	☐			16137.20	0.0006	P	1.1

$$y = 7.9085E-006 * x + 2.1400E-005$$

$$R = 0.9997$$

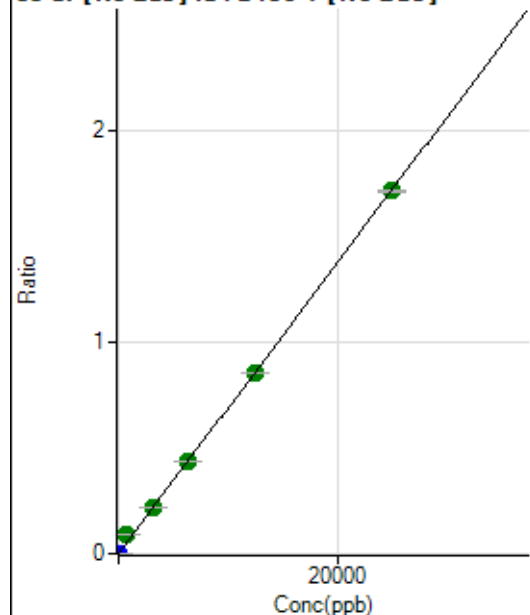
$$DL = 0.523$$

$$BEC = 2.706$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1213.40	0.0000	P	1.8
2	☐	1.000	25.594	52029.69	0.0018	P	0.5
3	☐	625.000	1293.375	2504447.25	0.0888	A	1.1
4	☐	3125.000	3160.981	6056572.13	0.2169	A	0.5
5	☐	6250.000	6305.104	11957059.41	0.4325	A	0.2
6	☐	12500.000	12482.103	23776606.87	0.8562	A	0.2
7	☐	25000.000	24973.964	47513441.51	1.7130	A	0.3
8	☐			140102.43	0.0054	P	0.2

$$y = 6.8591E-005 * x + 4.1656E-005$$

$$R = 0.9997$$

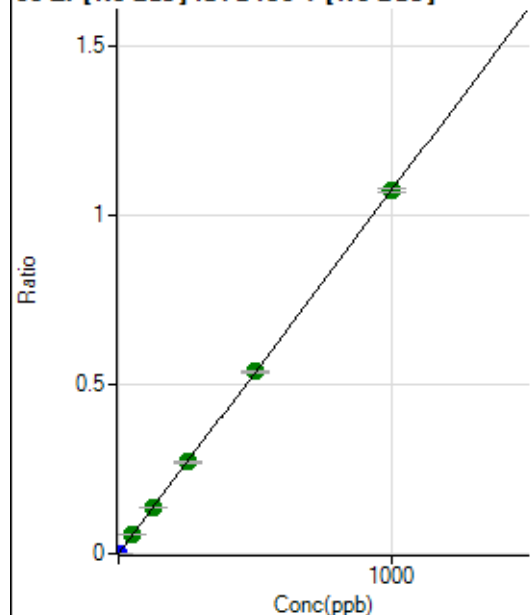
$$DL = 0.03218$$

$$BEC = 0.6073$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1012.27	0.0000	P	11.6
2	☐	1.000	1.008	32274.02	0.0011	P	2.1
3	☐	50.000	51.419	1556113.13	0.0551	A	1.1
4	☐	125.000	128.479	3847134.91	0.1377	A	0.3
5	☐	250.000	251.673	7458600.51	0.2698	A	0.3
6	☐	500.000	500.640	14901822.28	0.5367	A	1.1
7	☐	1000.000	998.756	29692303.72	1.0706	A	0.9
8	☐			46990.08	0.0018	P	0.7

$$y = 0.0011 * x + 3.4754E-005$$

$$R = 1.0000$$

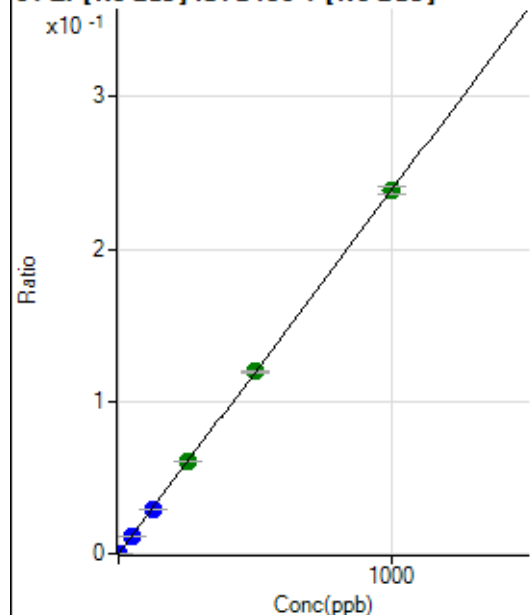
$$DL = 0.01128$$

$$BEC = 0.03242$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	198.89	0.0000	P	11.0
2	☐	1.000	0.982	6980.70	0.0002	P	2.6
3	☐	50.000	48.531	326971.08	0.0116	P	2.2
4	☐	125.000	121.407	809452.51	0.0290	P	0.2
5	☐	250.000	255.841	1688243.98	0.0611	A	0.3
6	☐	500.000	501.152	3321472.83	0.1196	A	1.0
7	☐	1000.000	998.486	6609171.36	0.2383	A	2.3
8	☐			10254.97	0.0004	P	3.1

$$y = 2.3867\text{E-}004 * x + 6.8275\text{E-}006$$

$$R = 1.0000$$

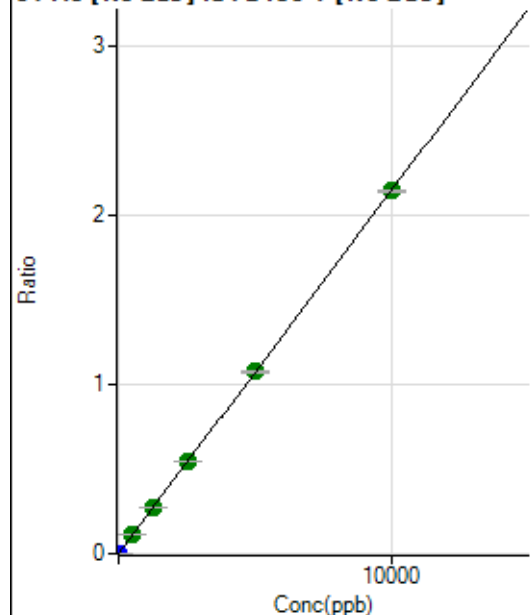
$$DL = 0.009404$$

$$BEC = 0.02861$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	415.57	0.0000	P	10.1
2	☐	5.000	5.992	37693.23	0.0013	P	2.0
3	☐	500.000	509.268	3088390.16	0.1095	A	2.1
4	☐	1250.000	1259.313	7559385.51	0.2707	A	0.3
5	☐	2500.000	2531.961	15044110.61	0.5442	A	0.6
6	☐	5000.000	5006.004	29875244.83	1.0759	A	1.2
7	☐	10000.000	9987.380	59536051.33	2.1465	A	0.3
8	☐			41332.30	0.0016	P	1.2

$$y = 2.1492\text{E-}004 * x + 1.4267\text{E-}005$$

$$R = 1.0000$$

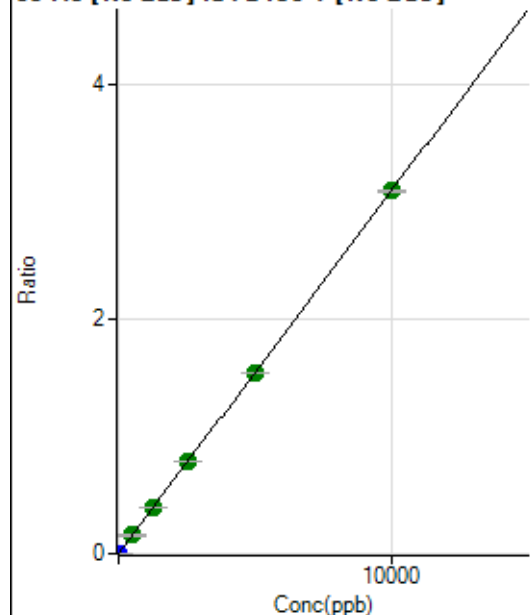
$$DL = 0.02012$$

$$BEC = 0.06638$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	147.78	0.0000	P	13.4
2	☐	5.000	5.022	45146.42	0.0016	P	1.8
3	☐	500.000	508.578	4441610.63	0.1574	A	2.1
4	☐	1250.000	1259.048	10884913.24	0.3897	A	1.2
5	☐	2500.000	2546.053	21788147.59	0.7881	A	0.6
6	☐	5000.000	4979.857	42803466.31	1.5415	A	1.0
7	☐	10000.000	9996.998	85828205.95	3.0945	A	0.8
8	☐			42130.32	0.0016	P	0.9

$$y = 3.0954\text{E-}004 * x + 5.0720\text{E-}006$$

$$R = 1.0000$$

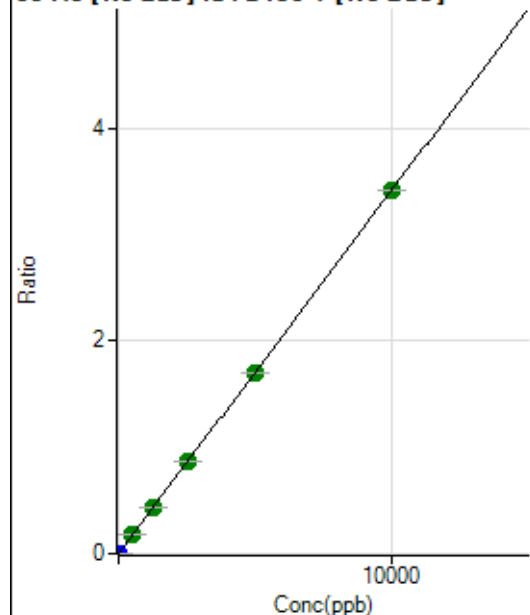
$$DL = 0.0066$$

$$BEC = 0.01639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	230.00	0.0000	P	6.9
2	☐	5.000	5.103	50625.23	0.0017	P	1.4
3	☐	500.000	514.153	4948223.78	0.1754	A	2.5
4	☐	1250.000	1263.413	12036936.62	0.4310	A	0.9
5	☐	2500.000	2559.800	24140739.92	0.8732	A	0.6
6	☐	5000.000	4983.067	47202250.96	1.6998	A	0.6
7	☐	10000.000	9991.132	94531001.92	3.4082	A	0.2
8	☐			48769.87	0.0019	P	2.7

$$y = 3.4112\text{E-}004 * x + 7.8951\text{E-}006$$

$$R = 1.0000$$

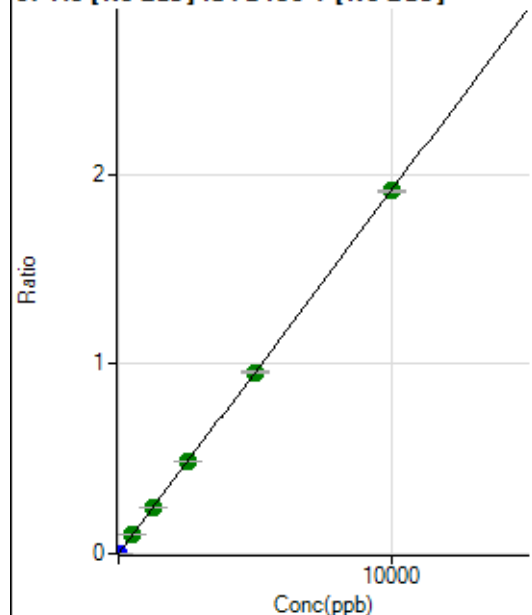
$$DL = 0.00477$$

$$BEC = 0.02314$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	104.45	0.0000	P	3.8
2	☐	5.000	5.104	28396.88	0.0010	P	1.7
3	☐	500.000	512.960	2770801.31	0.0982	A	2.9
4	☐	1250.000	1270.487	6794045.80	0.2433	A	0.7
5	☐	2500.000	2554.352	13521252.44	0.4891	A	0.8
6	☐	5000.000	4998.388	26577231.83	0.9570	A	0.1
7	☐	10000.000	9984.009	53023161.99	1.9116	A	0.5
8	☐			26352.85	0.0010	P	2.5

$$y = 1.9147\text{E-}004 * x + 3.5860\text{E-}006$$

$$R = 1.0000$$

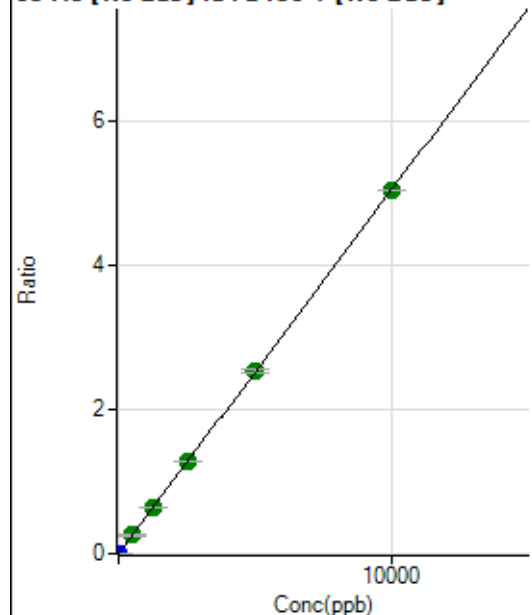
$$DL = 0.002137$$

$$BEC = 0.01873$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	248.89	0.0000	P	23.3
2	☐	5.000	5.044	74020.30	0.0026	P	2.2
3	☐	500.000	507.323	7231869.54	0.2563	A	2.2
4	☐	1250.000	1255.436	17715587.93	0.6343	A	1.0
5	☐	2500.000	2553.525	35667406.69	1.2902	A	0.4
6	☐	5000.000	5019.232	70414303.95	2.5360	A	1.7
7	☐	10000.000	9975.957	139802240.1	5.0403	A	0.1
8	☐			66992.77	0.0026	P	1.4

$$y = 5.0525\text{E-}004 * x + 8.5405\text{E-}006$$

$$R = 1.0000$$

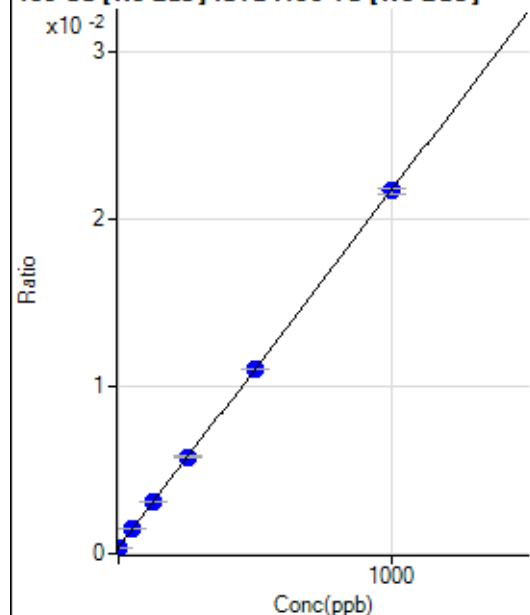
$$DL = 0.01182$$

$$BEC = 0.0169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8262.55	0.0004	P	1.7
2	☐	1.000	1.428	8730.62	0.0004	P	0.2
3	☐	50.000	54.332	33110.83	0.0015	P	2.1
4	☐	125.000	129.704	68442.99	0.0031	P	1.0
5	☐	250.000	254.277	127461.40	0.0058	P	0.8
6	☐	500.000	500.211	241481.02	0.0111	P	0.6
7	☐	1000.000	998.020	473675.67	0.0217	P	1.7
8	☐			7320.91	0.0004	P	1.9

$$y = 2.1388\text{E-}005 * x + 3.7039\text{E-}004$$

$$R = 1.0000$$

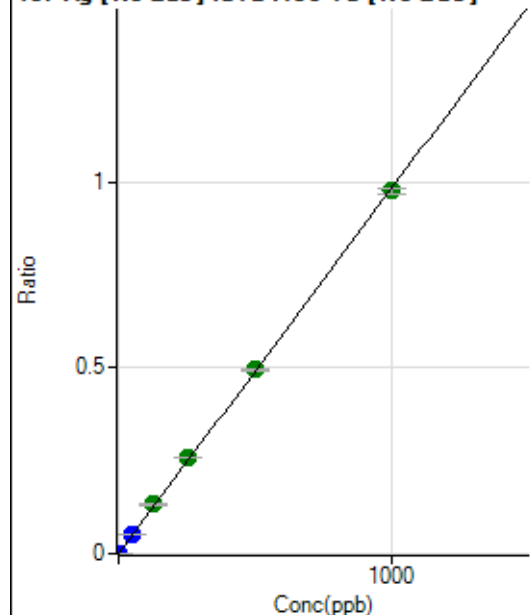
$$DL = 0.895$$

$$BEC = 17.32$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	190.00	0.0000	P	11.9
2	☐	1.000	1.058	22801.15	0.0010	P	2.1
3	☐	50.000	52.490	1113344.65	0.0515	P	2.5
4	☐	125.000	135.245	2889538.43	0.1328	A	1.7
5	☐	250.000	263.304	5670889.57	0.2585	A	1.4
6	☐	500.000	503.061	10772329.28	0.4938	A	1.2
7	☐	1000.000	993.738	21276313.71	0.9754	A	1.5
8	☐			3792.79	0.0002	P	6.3

$$y = 9.8155\text{E-}004 * x + 8.5148\text{E-}006$$

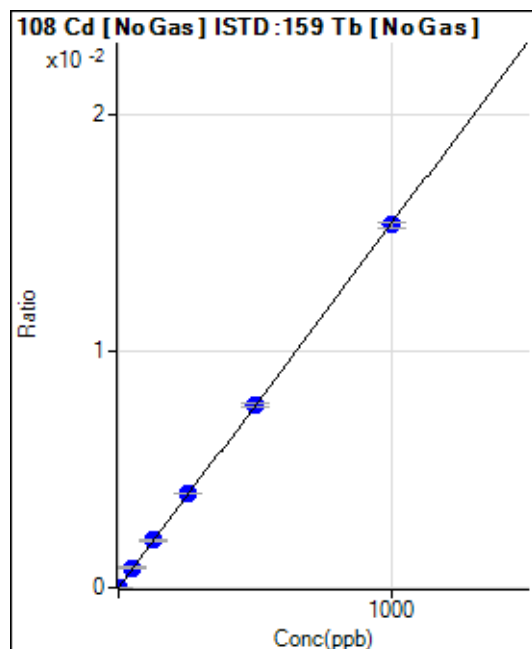
$$R = 0.9999$$

$$DL = 0.003087$$

$$BEC = 0.008675$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21.11	0.0000	P	48.0
2	☐	1.000	1.137	402.23	0.0000	P	10.9
3	☐	50.000	54.657	18222.13	0.0008	P	4.0
4	☐	125.000	129.982	43630.99	0.0020	P	1.4
5	☐	250.000	258.667	87511.08	0.0040	P	0.8
6	☐	500.000	501.585	168694.72	0.0077	P	1.7
7	☐	1000.000	996.185	334974.63	0.0154	P	1.4
8	☐			231.11	0.0000	P	7.7

$$y = 1.5415\text{E-}005 * x + 9.4555\text{E-}007$$

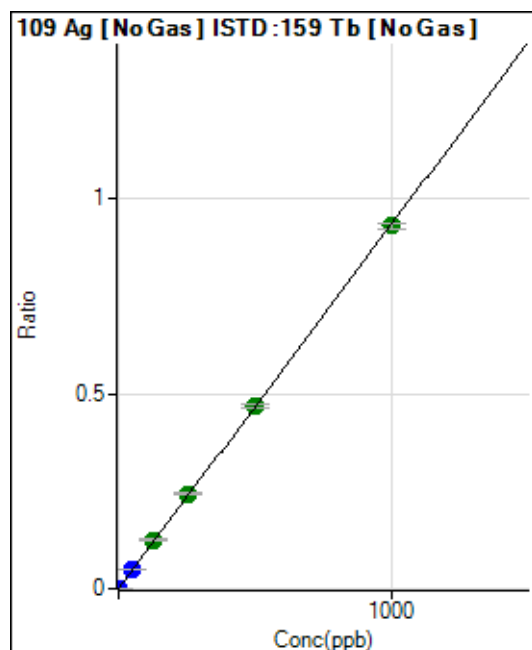
$$R = 1.0000$$

$$DL = 0.0883$$

$$BEC = 0.06134$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	64.45	0.0000	P	16.8
2	☐	1.000	1.067	21778.41	0.0010	P	1.2
3	☐	50.000	52.807	1066664.51	0.0494	P	2.3
4	☐	125.000	133.351	2713297.93	0.1247	A	2.2
5	☐	250.000	260.169	5336200.86	0.2432	A	2.2
6	☐	500.000	501.671	10230867.07	0.4690	A	1.4
7	☐	1000.000	995.438	20297647.89	0.9305	A	1.6
8	☐			3363.78	0.0002	P	4.3

$$y = 9.3481\text{E-}004 * x + 2.8896\text{E-}006$$

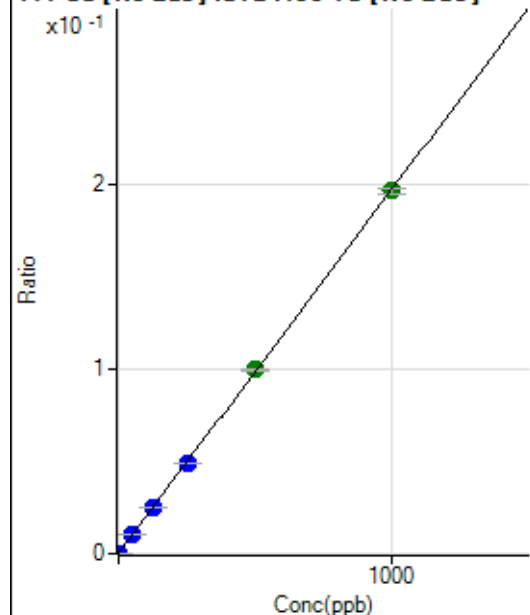
$$R = 0.9999$$

$$DL = 0.00156$$

$$BEC = 0.003091$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5787.89	0.0003	P	1.5
2	☐	1.000	1.169	10650.76	0.0005	P	1.0
3	☐	50.000	51.874	225805.52	0.0105	P	2.7
4	☐	125.000	126.337	545943.77	0.0251	P	0.3
5	☐	250.000	246.545	1068541.43	0.0487	P	1.2
6	☐	500.000	506.520	2176786.04	0.0998	A	1.0
7	☐	1000.000	997.343	4279864.11	0.1962	A	1.6
8	☐			5546.20	0.0003	P	2.3

$$y = 1.9647\text{E-}004 * x + 2.5945\text{E-}004$$

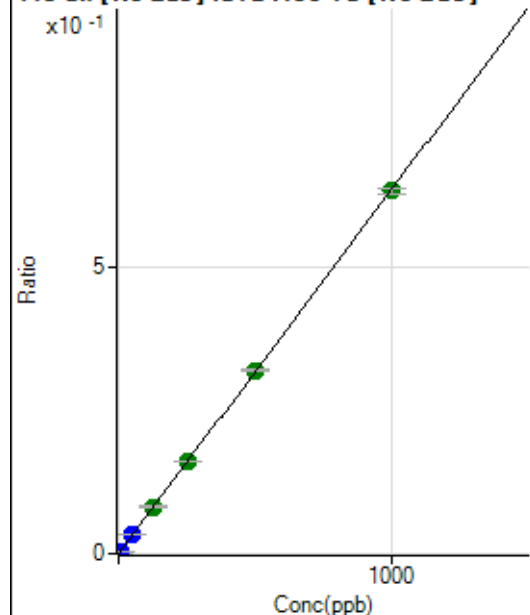
$$R = 1.0000$$

$$DL = 0.06084$$

$$BEC = 1.321$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3422.69	0.0002	P	0.4
2	☐	5.000	5.359	77382.73	0.0036	P	0.8
3	☐	50.000	50.916	701293.45	0.0325	P	2.3
4	☐	125.000	128.931	1783864.31	0.0820	A	1.0
5	☐	250.000	255.109	3555103.11	0.1620	A	0.2
6	☐	500.000	503.031	6966170.45	0.3193	A	0.6
7	☐	1000.000	996.669	13796687.99	0.6325	A	1.5
8	☐			3840.58	0.0002	P	7.3

$$y = 6.3447\text{E-}004 * x + 1.5343\text{E-}004$$

$$R = 1.0000$$

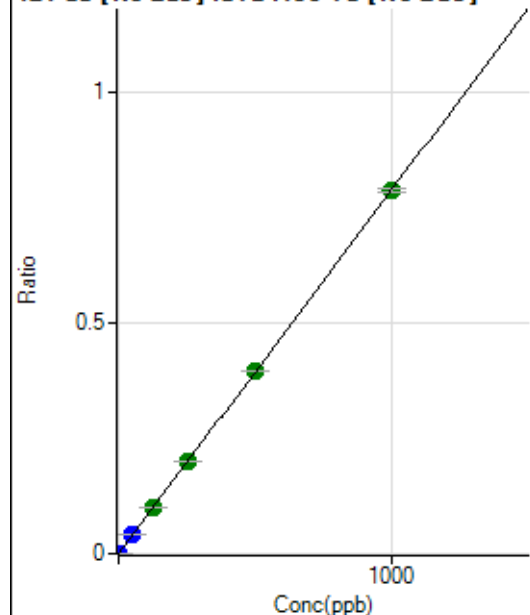
$$DL = 0.002944$$

$$BEC = 0.2418$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	78.89	0.0000	P	21.6
2	☐	2.000	2.147	36890.87	0.0017	P	0.8
3	☐	50.000	50.880	865823.47	0.0401	P	1.8
4	☐	125.000	127.073	2178134.58	0.1001	A	1.0
5	☐	250.000	254.258	4393554.28	0.2002	A	0.4
6	☐	500.000	501.350	8613410.08	0.3948	A	0.4
7	☐	1000.000	997.957	17142500.02	0.7859	A	0.9
8	☐			15439.93	0.0008	P	2.1

$$y = 7.8748\text{E-}004 * x + 3.5355\text{E-}006$$

$$R = 1.0000$$

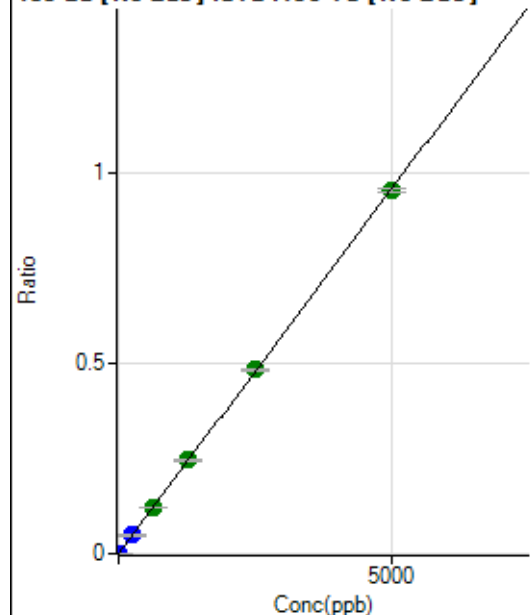
$$DL = 0.002905$$

$$BEC = 0.00449$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	711.14	0.0000	P	1.4
2	☐	10.000	10.401	44155.06	0.0020	P	0.2
3	☐	250.000	252.073	1045735.04	0.0484	P	2.4
4	☐	625.000	641.109	2678276.63	0.1230	A	1.1
5	☐	1250.000	1282.618	5401161.34	0.2461	A	0.7
6	☐	2500.000	2527.861	10583166.65	0.4851	A	0.8
7	☐	5000.000	4975.797	20827210.11	0.9548	A	0.9
8	☐			7377.62	0.0004	P	1.1

$$y = 1.9188\text{E-}004 * x + 3.1880\text{E-}005$$

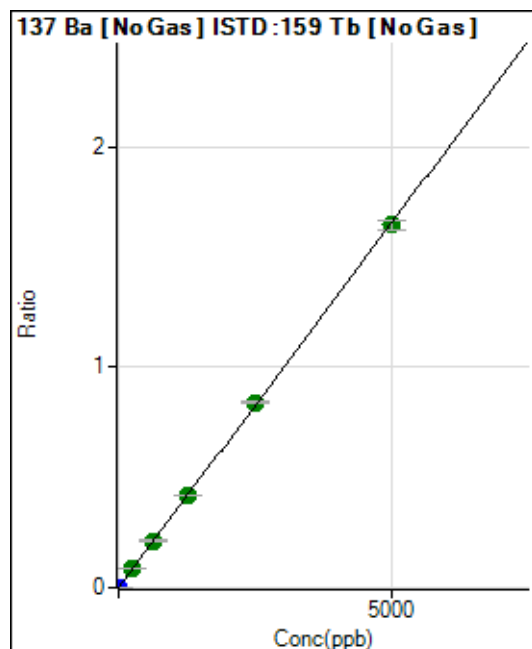
$$R = 1.0000$$

$$DL = 0.006789$$

$$BEC = 0.1661$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1203.40	0.0001	P	8.2
2	☐	10.000	10.514	76888.95	0.0035	P	0.5
3	☐	250.000	258.589	1848939.02	0.0856	A	2.0
4	☐	625.000	644.831	4642698.13	0.2133	A	1.5
5	☐	1250.000	1265.129	9181259.66	0.4184	A	1.3
6	☐	2500.000	2536.561	18302594.03	0.8389	A	0.6
7	☐	5000.000	4975.028	35887107.80	1.6453	A	2.4
8	☐			12744.98	0.0006	P	2.9

$$y = 3.3071E-004 * x + 5.3933E-005$$

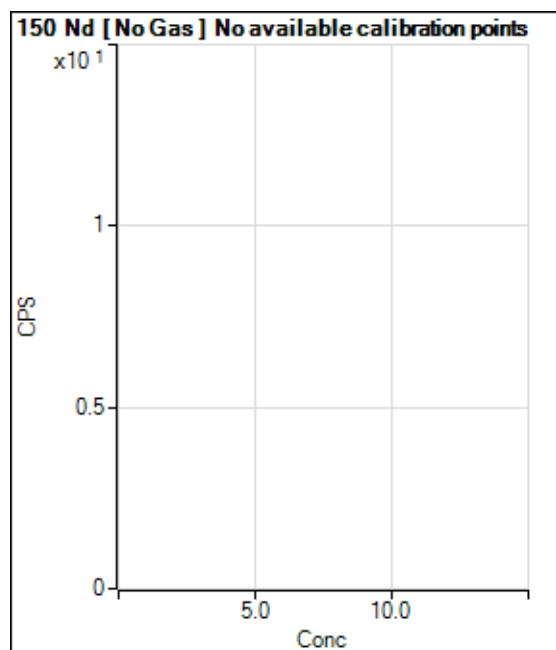
$$R = 1.0000$$

$$DL = 0.04023$$

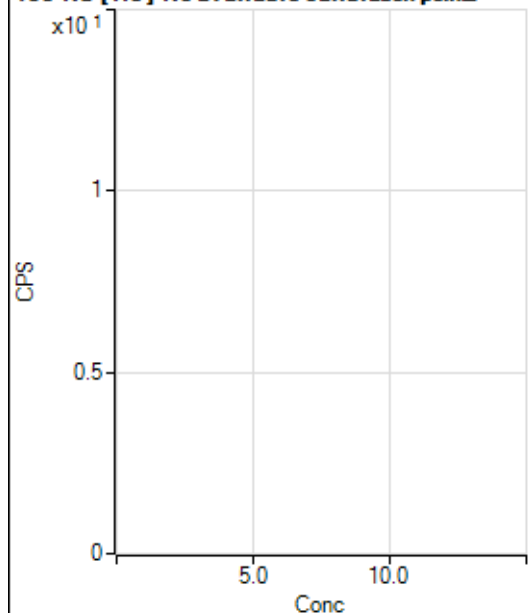
$$BEC = 0.1631$$

Weight: <None>

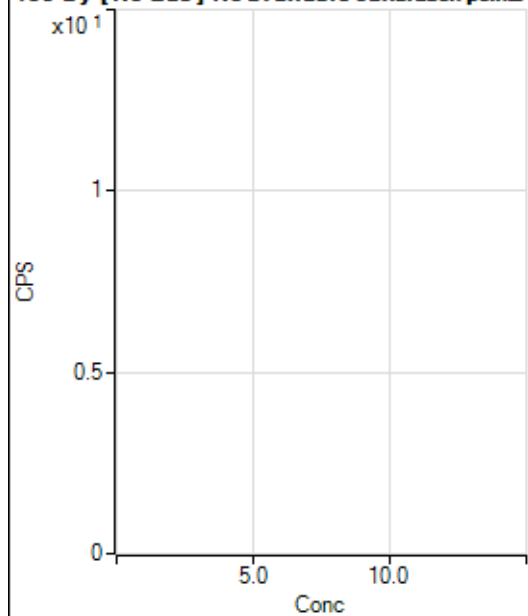
Min Conc: 0



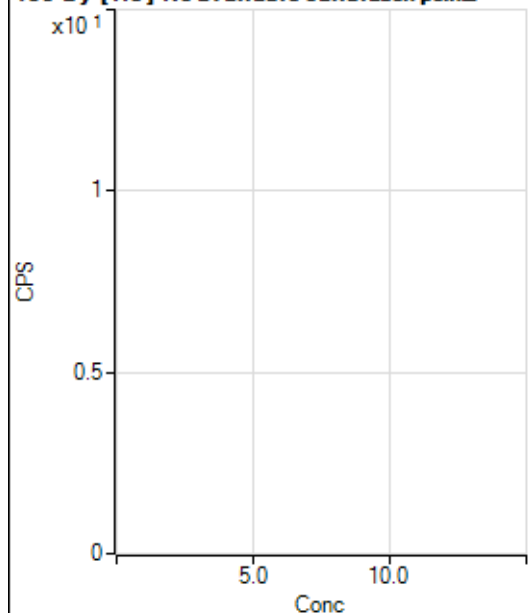
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	50.0
2	☐			14.44		P	58.1
3	☐			72.22		P	17.5
4	☐			176.67		P	3.3
5	☐			327.78		P	3.6
6	☐			562.24		P	6.0
7	☐			1245.63		P	1.5
8	☐			330.01		P	5.6

150 Nd [He] No available calibration points

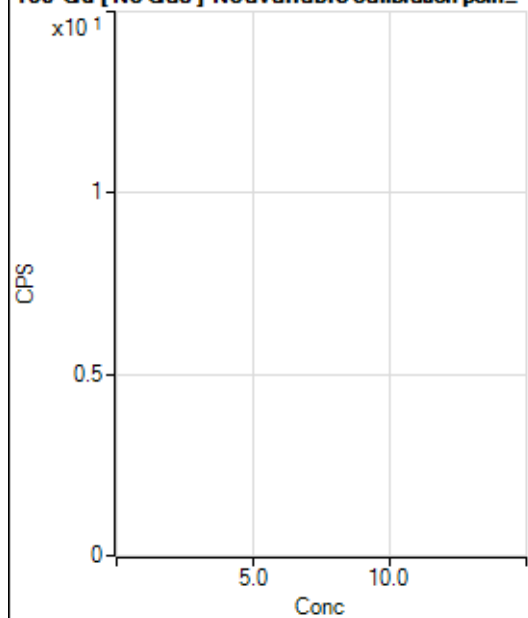
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			5.56		P	91.6
3	☐			3.33		P	173.2
4	☐			4.45		P	86.6
5	☐			14.44		P	35.3
6	☐			26.67		P	0.0
7	☐			47.78		P	22.4
8	☐			88.89		P	18.9

156 Dy [No Gas] No available calibration points

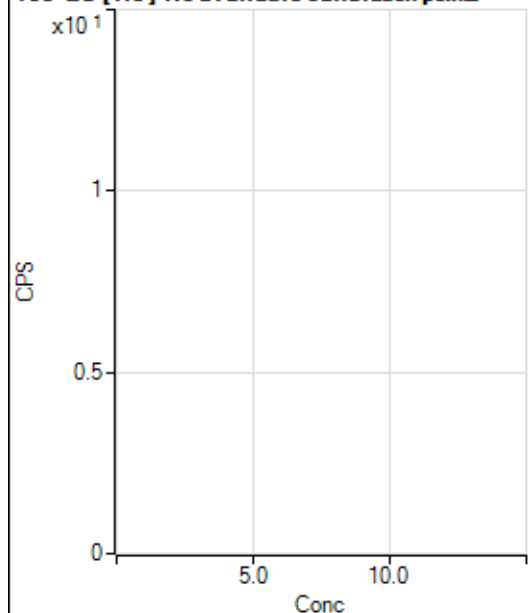
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			61.11		P	36.3
2	☐			61.11		P	24.6
3	☐			72.22		P	7.0
4	☐			97.78		P	7.1
5	☐			137.78		P	14.6
6	☐			211.12		P	11.4
7	☐			425.57		P	1.6
8	☐			693.36		P	3.8

156 Dy [He] No available calibration points

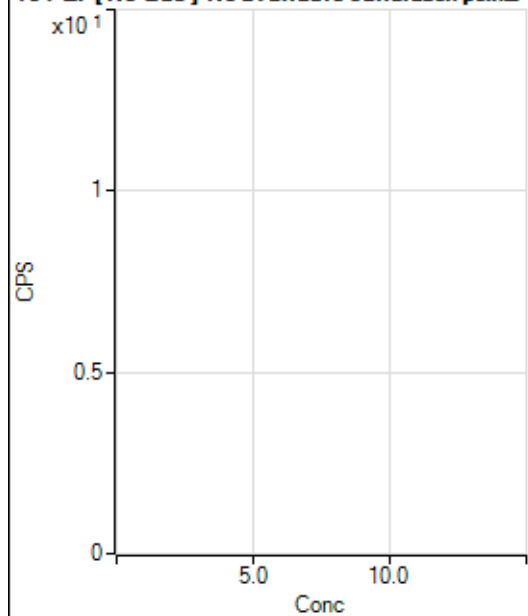
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			5.56		P	91.6
3	☐			10.00		P	66.7
4	☐			8.89		P	43.3
5	☐			22.22		P	56.8
6	☐			26.67		P	62.5
7	☐			46.67		P	24.7
8	☐			184.45		P	10.3

160 Gd [No Gas] Noavailable calibration poin_

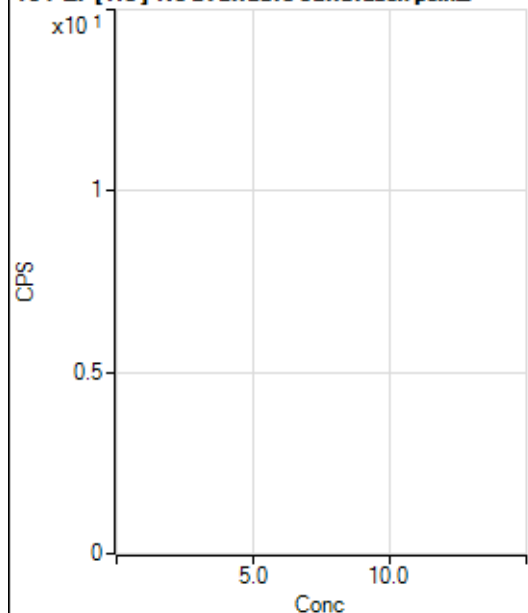
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			137.78		P	22.9
2	☐			144.45		P	22.8
3	☐			145.56		P	13.4
4	☐			141.11		P	5.5
5	☐			202.23		P	11.0
6	☐			187.78		P	14.9
7	☐			298.89		P	13.4
8	☐			682.25		P	10.5

160 Gd [He] No available calibration points

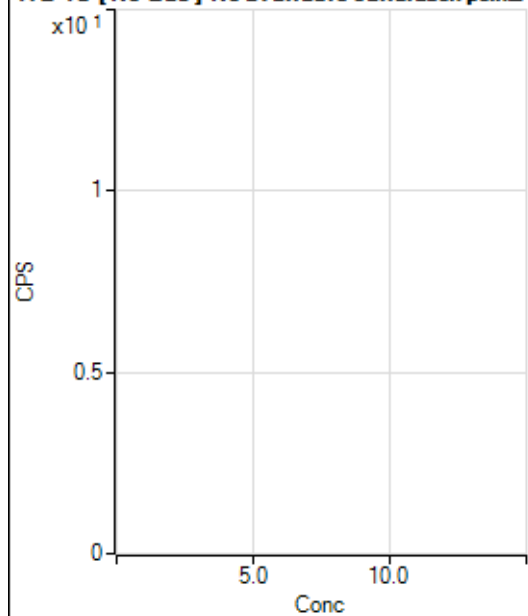
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.66		P	21.7
2	☐			30.00		P	19.2
3	☐			37.78		P	18.4
4	☐			37.78		P	31.0
5	☐			24.44		P	20.8
6	☐			58.89		P	35.9
7	☐			70.00		P	31.2
8	☐			246.67		P	14.2

164 Er [No Gas] No available calibration points

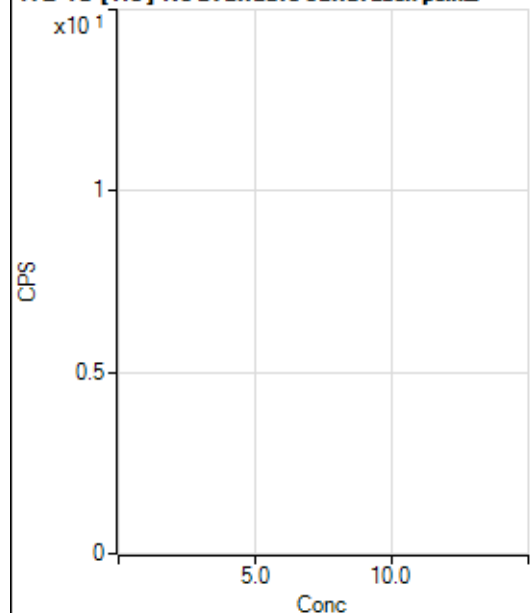
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			107.78		P	20.6
2	☐			91.11		P	10.6
3	☐			118.89		P	17.1
4	☐			137.78		P	5.6
5	☐			155.56		P	6.2
6	☐			180.00		P	9.8
7	☐			296.67		P	9.8
8	☐			731.14		P	9.3

164 Er [He] No available calibration points

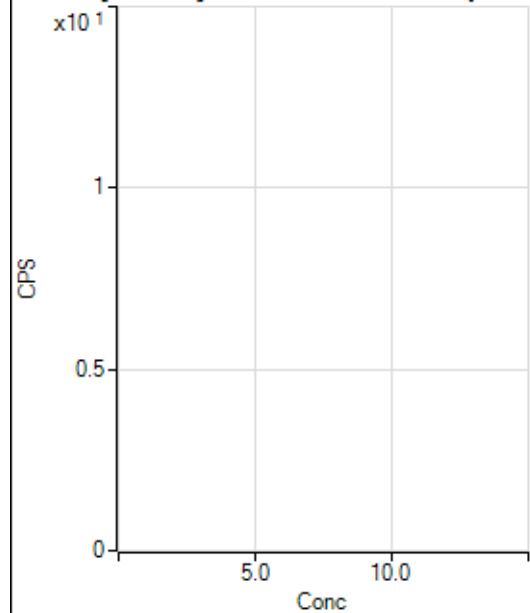
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			28.89		P	48.0
2	☐			30.00		P	29.4
3	☐			26.67		P	43.3
4	☐			25.56		P	71.8
5	☐			44.44		P	11.5
6	☐			73.34		P	37.2
7	☐			97.78		P	19.7
8	☐			215.56		P	20.6

172 Yb [No Gas] No available calibration points

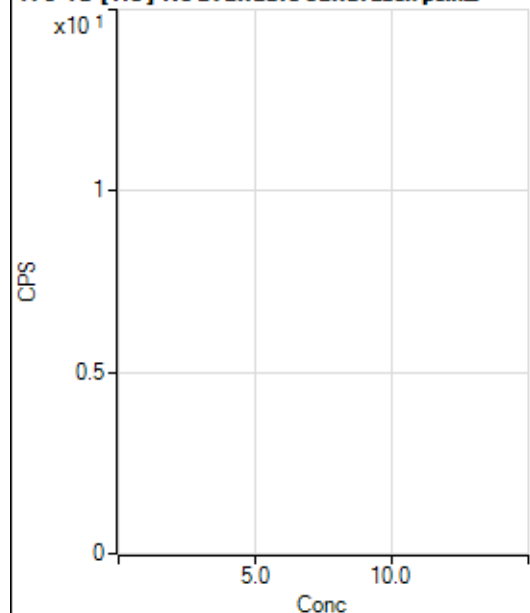
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			110.00		P	9.1
2	☐			122.23		P	28.6
3	☐			125.56		P	10.1
4	☐			132.22		P	20.2
5	☐			151.12		P	19.3
6	☐			208.89		P	10.6
7	☐			322.23		P	4.2
8	☐			857.82		P	5.5

172 Yb [He] No available calibration points

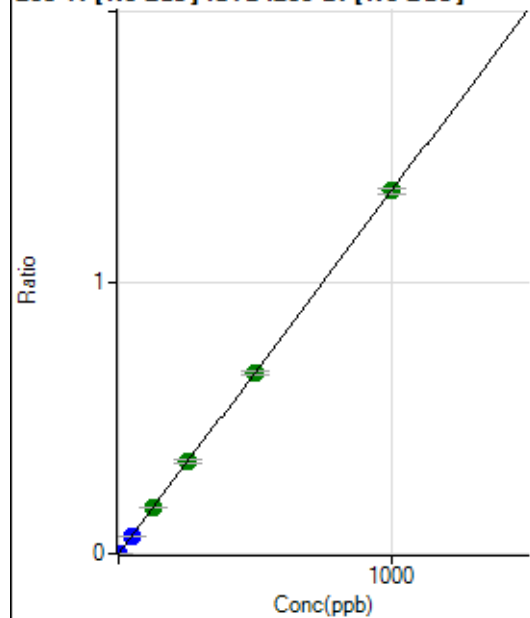
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			40.00		P	38.2
2	☐			40.00		P	43.3
3	☐			46.67		P	25.8
4	☐			60.00		P	25.5
5	☐			63.33		P	5.3
6	☐			84.44		P	13.9
7	☐			111.11		P	9.2
8	☐			351.12		P	3.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2222.44		P	4.2
2	☐			2419.14		P	4.1
3	☐			6489.43		P	1.6
4	☐			12490.43		P	1.2
5	☐			22786.36		P	1.1
6	☐			43494.57		P	0.6
7	☐			85527.76		P	0.6
8	☐			2668.08		P	2.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			434.45		P	11.0
2	☐			464.46		P	7.7
3	☐			1773.48		P	3.1
4	☐			3791.70		P	1.7
5	☐			7164.23		P	3.2
6	☐			14336.76		P	1.3
7	☐			27634.47		P	0.3
8	☐			593.35		P	14.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	371.12	0.0000	P	7.1
2	☐	1.000	1.011	19202.05	0.0014	P	2.0
3	☐	50.000	48.379	893326.81	0.0648	P	1.7
4	☐	125.000	127.082	2340590.73	0.1702	A	1.5
5	☐	250.000	255.100	4620494.90	0.3417	A	2.7
6	☐	500.000	497.081	8935754.04	0.6658	A	1.9
7	☐	1000.000	1000.005	17729233.21	1.3394	A	1.4
8	☐			1641.24	0.0001	P	9.8

$$y = 0.0013 * x + 2.6249E-005$$

$$R = 1.0000$$

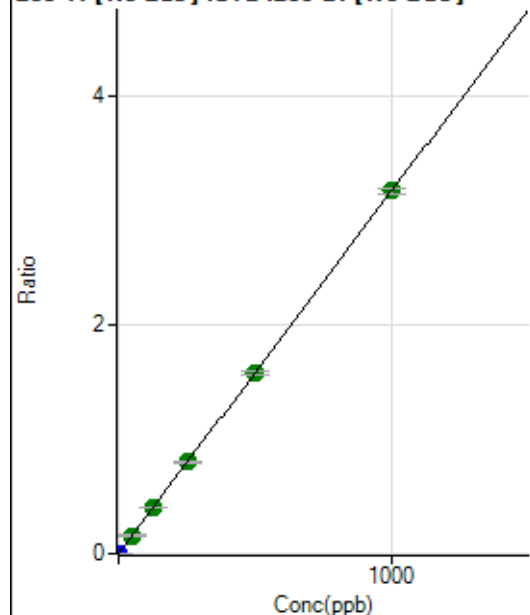
$$DL = 0.00415$$

$$BEC = 0.0196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	886.71	0.0001	P	3.8
2	☐	1.000	1.006	45268.65	0.0033	P	1.4
3	☐	50.000	49.979	2186207.73	0.1586	A	1.6
4	☐	125.000	124.915	5450608.04	0.3964	A	0.3
5	☐	250.000	251.948	10812246.78	0.7994	A	0.4
6	☐	500.000	497.922	21204620.52	1.5799	A	1.4
7	☐	1000.000	1000.564	42022063.26	3.1747	A	1.3
8	☐			3828.40	0.0003	P	11.2

$$y = 0.0032 * x + 6.2725E-005$$

$$R = 1.0000$$

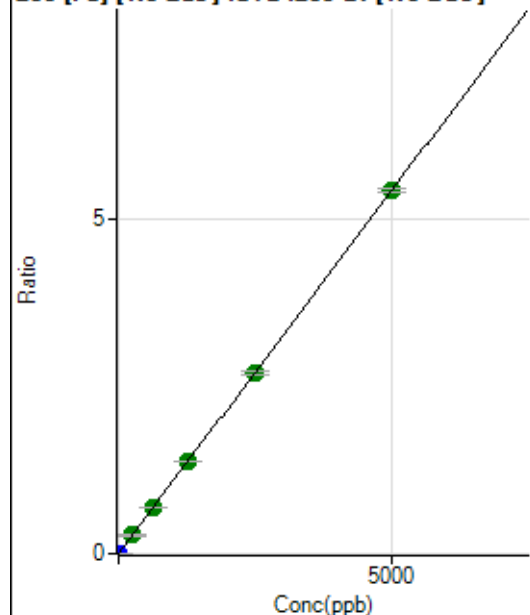
$$DL = 0.002256$$

$$BEC = 0.01977$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2249.11	0.0002	P	2.9
2	☐	1.000	0.995	17219.28	0.0012	P	2.9
3	☐	250.000	253.558	3789718.97	0.2750	A	1.5
4	☐	625.000	628.145	9363585.69	0.6810	A	0.9
5	☐	1250.000	1273.749	18673064.86	1.3808	A	1.2
6	☐	2500.000	2487.805	36193588.07	2.6967	A	1.5
7	☐	5000.000	4999.589	71732092.82	5.4191	A	1.1
8	☐			13657.30	0.0012	P	5.8

$$y = 0.0011 * x + 1.5909E-004$$

$$R = 1.0000$$

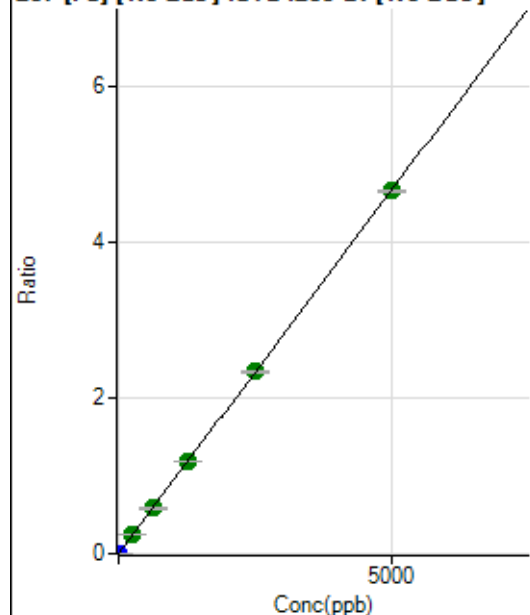
$$DL = 0.01267$$

$$BEC = 0.1468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2017.96	0.0001	P	1.7
2	☐	1.000	1.030	15380.34	0.0011	P	0.5
3	☐	250.000	254.374	3278925.96	0.2379	A	1.1
4	☐	625.000	624.511	8028247.45	0.5839	A	1.1
5	☐	1250.000	1278.573	16165126.01	1.1953	A	0.6
6	☐	2500.000	2501.677	31386373.98	2.3385	A	1.7
7	☐	5000.000	4991.861	61766871.86	4.6662	A	0.2
8	☐			11696.50	0.0010	P	5.6

$$y = 9.3473\text{E-}004 * x + 1.4274\text{E-}004$$

$$R = 1.0000$$

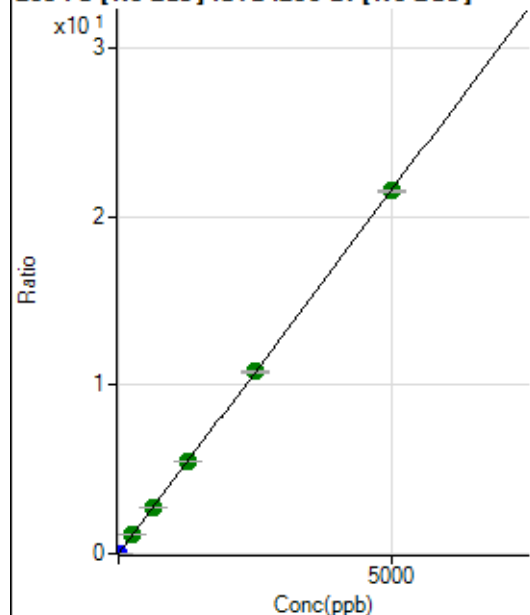
$$DL = 0.007838$$

$$BEC = 0.1527$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	9152.49	0.0006	P	1.4
2	☐	1.000	1.007	69445.23	0.0050	P	1.4
3	☐	250.000	252.899	15043256.75	1.0915	A	1.2
4	☐	625.000	625.209	37089547.30	2.6975	A	1.0
5	☐	1250.000	1269.547	74069504.45	5.4768	A	0.8
6	☐	2500.000	2507.609	145186560.3	10.8172	A	1.1
7	☐	5000.000	4991.137	284989040.2	21.5298	A	0.8
8	☐			53861.98	0.0047	P	4.1

$$y = 0.0043 * x + 6.4740\text{E-}004$$

$$R = 1.0000$$

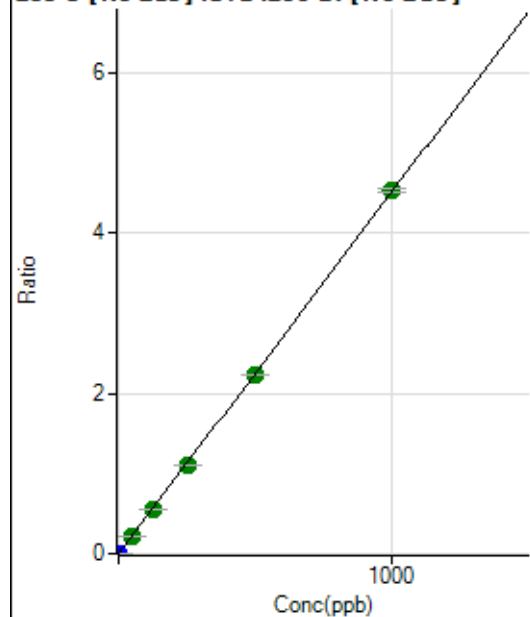
$$DL = 0.006285$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28.89	0.0000	P	33.3
2	☐	1.000	0.954	59882.45	0.0043	P	1.1
3	☐	50.000	49.404	3070852.11	0.2228	A	1.8
4	☐	125.000	121.259	7520530.24	0.5469	A	0.6
5	☐	250.000	244.080	14889468.39	1.1009	A	0.5
6	☐	500.000	494.853	29959249.55	2.2320	A	0.5
7	☐	1000.000	1004.551	59974802.44	4.5309	A	1.0
8	☐			2511.40	0.0002	P	10.9

$$y = 0.0045 * x + 2.0432E-006$$

$$R = 1.0000$$

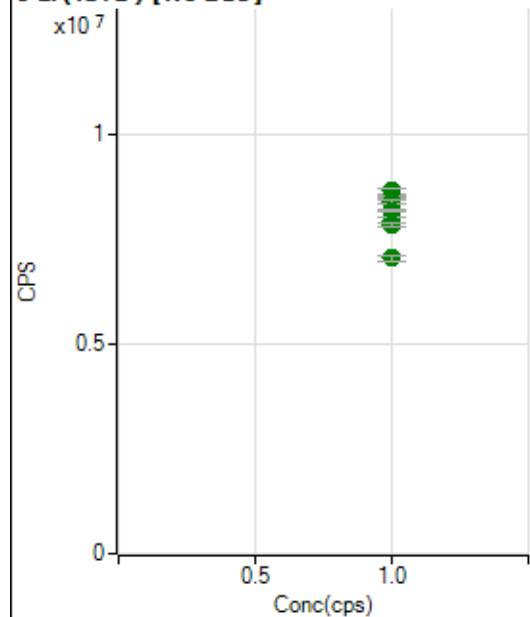
$$DL = 0.0004525$$

$$BEC = 0.000453$$

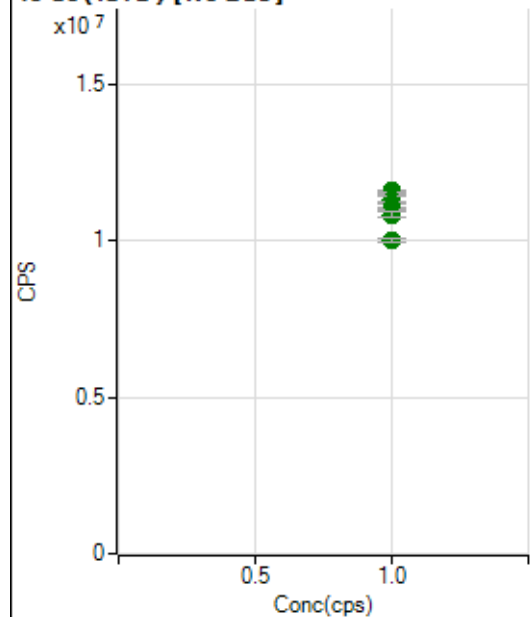
Weight: <None>

Min Conc: 0

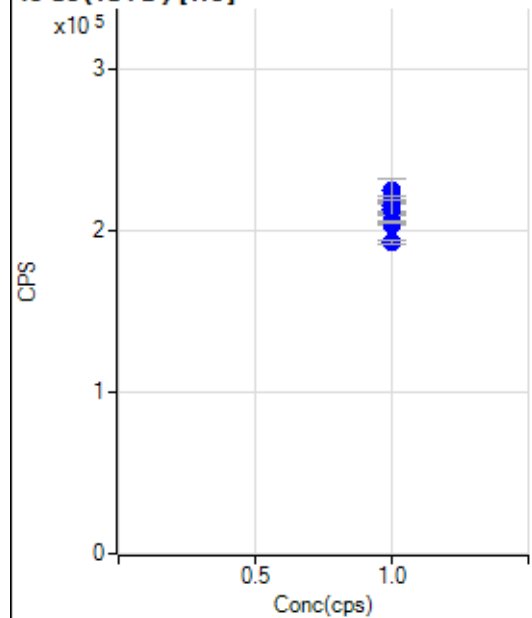
6 Li (ISTD) [No Gas]



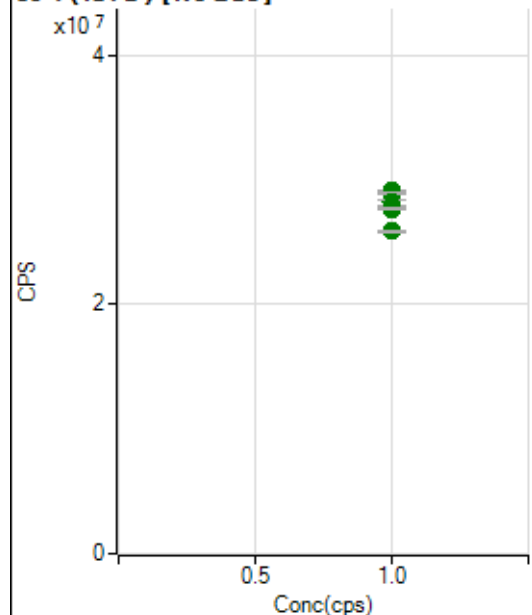
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8658153.68		A	1.7
2	☐	1.000		8495781.38		A	0.5
3	☐	1.000		8380209.99		A	1.2
4	☐	1.000		8384011.28		A	1.0
5	☐	1.000		8190404.49		A	0.5
6	☐	1.000		7923144.77		A	2.6
7	☐	1.000		7862181.98		A	1.0
8	☐	1.000		7052618.90		A	1.6

45 Sc (ISTD) [No Gas]

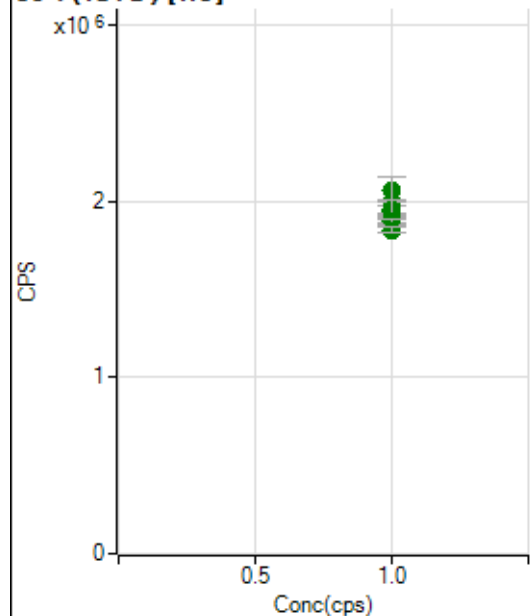
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11608315.24		A	0.8
2	☐	1.000		11537963.86		A	0.3
3	☐	1.000		11323232.61		A	1.8
4	☐	1.000		11217495.25		A	0.5
5	☐	1.000		11059469.00		A	0.7
6	☐	1.000		10980827.89		A	0.9
7	☐	1.000		10857832.34		A	1.2
8	☐	1.000		10053947.56		A	1.1

45 Sc (ISTD) [He]

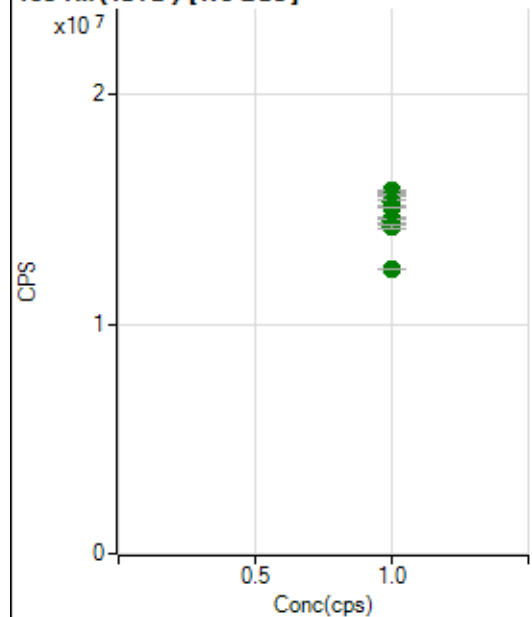
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		217707.05		P	0.1
2	☐	1.000		224544.60		P	7.0
3	☐	1.000		210648.64		P	0.8
4	☐	1.000		215063.12		P	4.1
5	☐	1.000		212584.27		P	7.7
6	☐	1.000		203990.96		P	0.4
7	☐	1.000		205018.86		P	0.6
8	☐	1.000		192722.63		P	1.4

89 Y (ISTD) [No Gas]

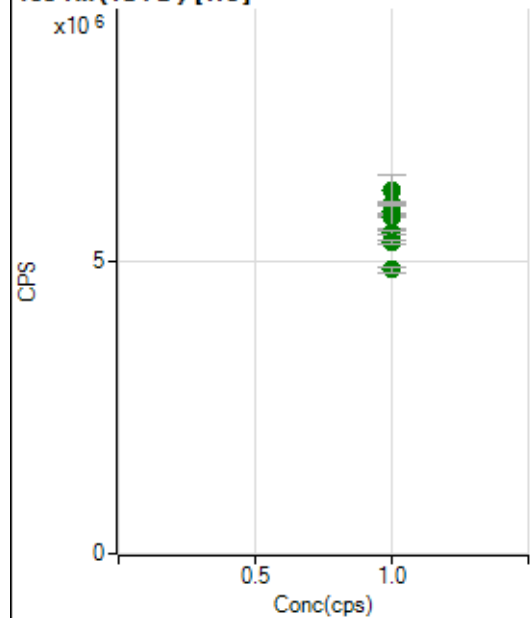
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		29127439.29		A	0.4
2	☐	1.000		28951380.68		A	0.8
3	☐	1.000		28219900.41		A	1.8
4	☐	1.000		27928908.75		A	0.2
5	☐	1.000		27645630.42		A	0.3
6	☐	1.000		27769859.59		A	1.2
7	☐	1.000		27736505.70		A	0.8
8	☐	1.000		25862318.50		A	0.9

89 Y (ISTD) [He]

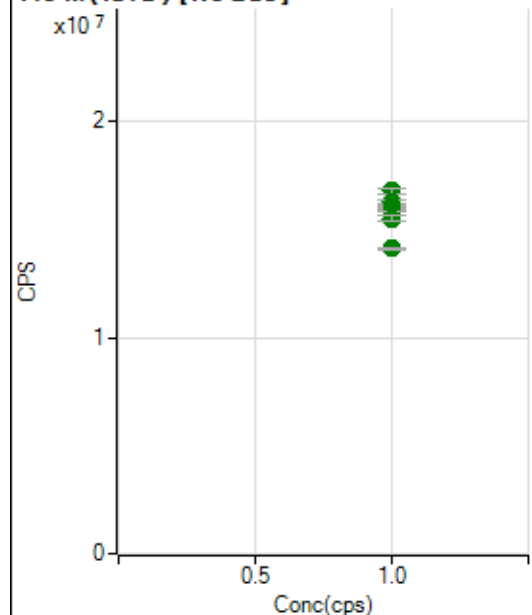
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2001618.46		A	0.3
2	☐	1.000		2061053.74		A	7.9
3	☐	1.000		1925249.67		A	0.8
4	☐	1.000		1959713.86		A	5.0
5	☐	1.000		1943792.71		A	6.3
6	☐	1.000		1890142.99		A	2.0
7	☐	1.000		1888205.63		A	1.9
8	☐	1.000		1837342.07		A	1.9

103 Rh (ISTD) [No Gas]

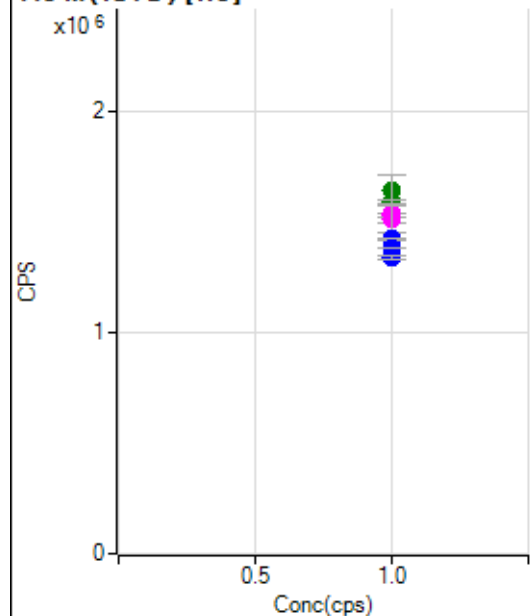
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		15810707.82		A	0.7
2	☐	1.000		15619833.79		A	0.6
3	☐	1.000		15308771.72		A	1.6
4	☐	1.000		15081158.11		A	0.4
5	☐	1.000		14585687.01		A	0.6
6	☐	1.000		14491979.09		A	0.8
7	☐	1.000		14251852.57		A	0.7
8	☐	1.000		12386790.09		A	0.4

103 Rh (ISTD) [He]

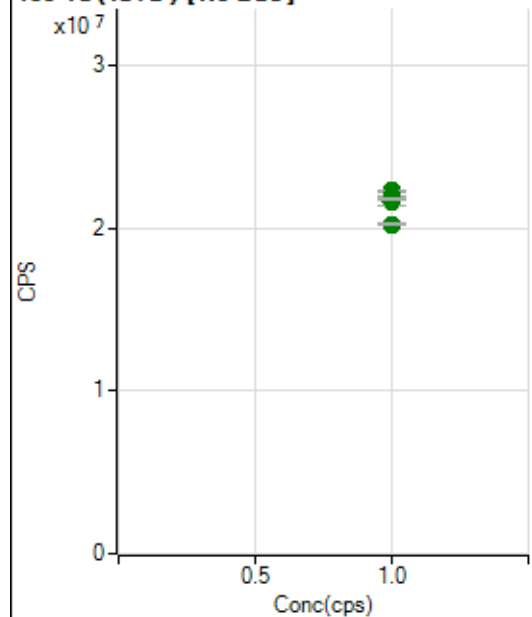
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5994080.53		A	0.6
2	☐	1.000		6215391.92		A	8.4
3	☐	1.000		5801508.87		A	0.6
4	☐	1.000		5874810.75		A	3.5
5	☐	1.000		5778831.10		A	7.0
6	☐	1.000		5498296.20		A	0.9
7	☐	1.000		5323256.38		A	1.2
8	☐	1.000		4860383.09		A	1.6

115 In (ISTD) [No Gas]

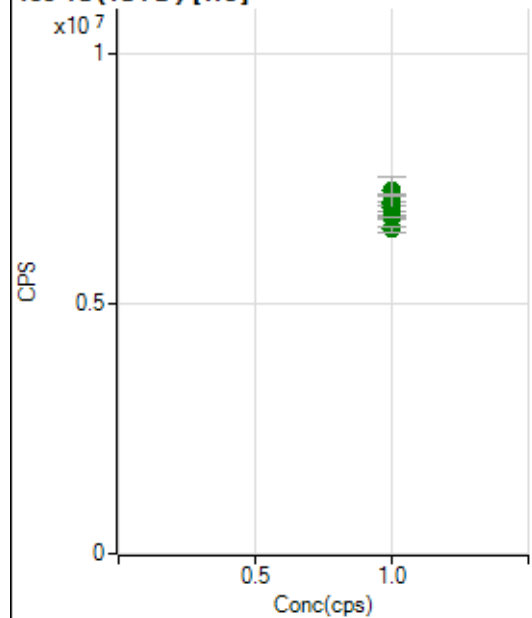
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16777821.16		A	1.9
2	☐	1.000		16237163.75		A	1.1
3	☐	1.000		16050205.09		A	1.8
4	☐	1.000		16058905.46		A	0.6
5	☐	1.000		15877736.26		A	1.0
6	☐	1.000		15820368.30		A	0.3
7	☐	1.000		15517154.60		A	1.2
8	☐	1.000		14101298.66		A	0.7

115 In (ISTD) [He]

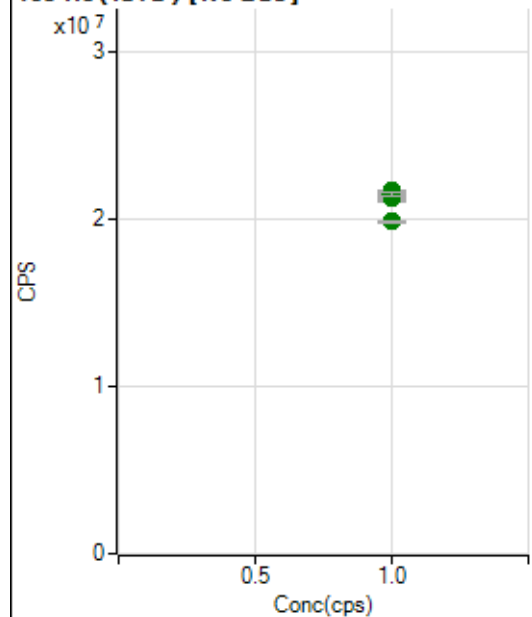
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1597260.45		A	1.2
2	☐	1.000		1643550.43		A	8.3
3	☐	1.000		1530713.97		M	1.2
4	☐	1.000		1539341.77		M	5.1
5	☐	1.000		1514017.56		M	8.3
6	☐	1.000		1424322.03		P	0.7
7	☐	1.000		1383034.49		P	0.3
8	☐	1.000		1340767.01		P	1.1

159 Tb (ISTD) [No Gas]

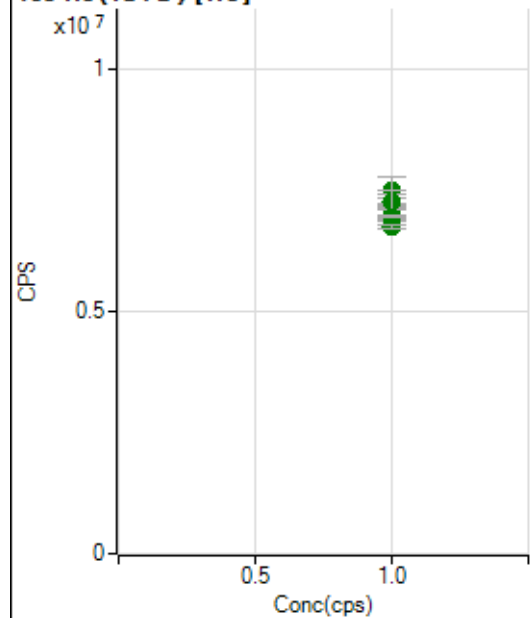
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		22307654.39		A	0.4
2	☐	1.000		21776034.68		A	0.5
3	☐	1.000		21612153.71		A	1.8
4	☐	1.000		21766914.12		A	0.6
5	☐	1.000		21943500.23		A	1.0
6	☐	1.000		21816766.34		A	0.6
7	☐	1.000		21814493.84		A	0.8
8	☐	1.000		20232212.34		A	0.6

159 Tb (ISTD) [He]

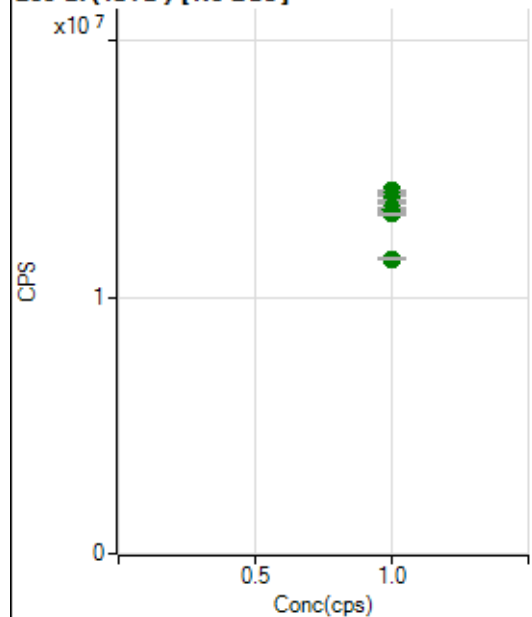
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7008153.78		A	1.2
2	☐	1.000		7269430.79		A	7.7
3	☐	1.000		6862305.25		A	0.4
4	☐	1.000		7039973.09		A	4.9
5	☐	1.000		6935104.83		A	6.3
6	☐	1.000		6774663.37		A	0.7
7	☐	1.000		6751505.94		A	0.2
8	☐	1.000		6503118.72		A	1.8

165 Ho (ISTD) [No Gas]

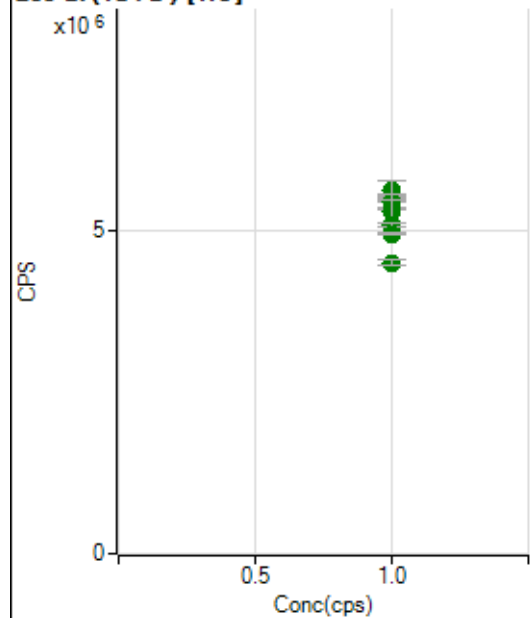
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		21696137.73		A	0.7
2	☐	1.000		21319915.24		A	0.2
3	☐	1.000		21244185.24		A	1.7
4	☐	1.000		21451379.12		A	1.0
5	☐	1.000		21289384.54		A	0.8
6	☐	1.000		21275658.99		A	0.1
7	☐	1.000		21489703.57		A	1.3
8	☐	1.000		19871363.59		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7284543.57		A	1.8
2	☐	1.000		7500045.72		A	8.3
3	☐	1.000		7141468.71		A	0.4
4	☐	1.000		7291858.43		A	4.4
5	☐	1.000		7271120.93		A	7.1
6	☐	1.000		6899509.20		A	0.8
7	☐	1.000		6967164.48		A	0.5
8	☐	1.000		6764180.04		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14137098.82		A	0.2
2	☐	1.000		13911364.93		A	1.3
3	☐	1.000		13783882.02		A	1.9
4	☐	1.000		13750630.35		A	1.0
5	☐	1.000		13524994.38		A	1.1
6	☐	1.000		13422567.44		A	0.8
7	☐	1.000		13237225.91		A	0.6
8	☐	1.000		11496100.80		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5514930.82		A	0.2
2	☐	1.000		5613132.91		A	6.1
3	☐	1.000		5357075.41		A	0.2
4	☐	1.000		5436617.45		A	4.3
5	☐	1.000		5290418.01		A	6.8
6	☐	1.000		5087430.27		A	0.7
7	☐	1.000		4947479.44		A	0.7
8	☐	1.000		4507048.16		A	1.6