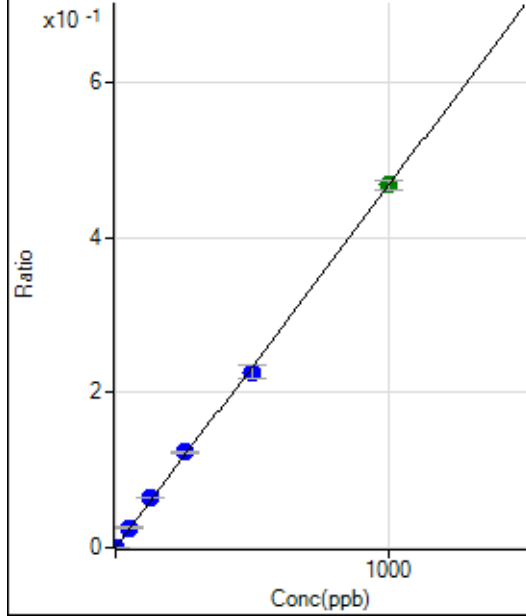


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8060223 MS.b\
Analysis File: P8060223 MS .batch.bin
DA Date-Time: 2023-06-16 11:34:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8060223 MS.D	S00	2023-06-02 13:20:46
2	005CALS P8060223 MS.D	S02	2023-06-02 13:23:50
3	006CALS P8060223 MS.D	S03	2023-06-02 13:26:57
4	007CALS P8060223 MS.D	S04	2023-06-02 13:29:58
5	008CALS P8060223 MS.D	S05	2023-06-02 13:33:00
6	009CALS P8060223 MS.D	S06	2023-06-02 13:36:00
7	012CALS P8060223 MS.D	S07	2023-06-02 13:59:57
8	013CALS P8060223 MS.D	S08	2023-06-02 14:02:55

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.42	0.0000	P	16.2
2	☐	1.000	1.098	1649.89	0.0005	P	3.1
3	☐	50.000	55.659	81962.99	0.0260	P	1.4
4	☐	125.000	138.447	197359.24	0.0646	P	2.5
5	☐	250.000	264.345	379509.97	0.1234	P	1.3
6	☐	500.000	485.595	718724.09	0.2267	P	7.8
7	☐	1000.000	1001.652	1484885.07	0.4676	A	2.8
8	☐			1059.49	0.0003	P	13.9

$$y = 4.6678\text{E-}004 * x + 8.1206\text{E-}006$$

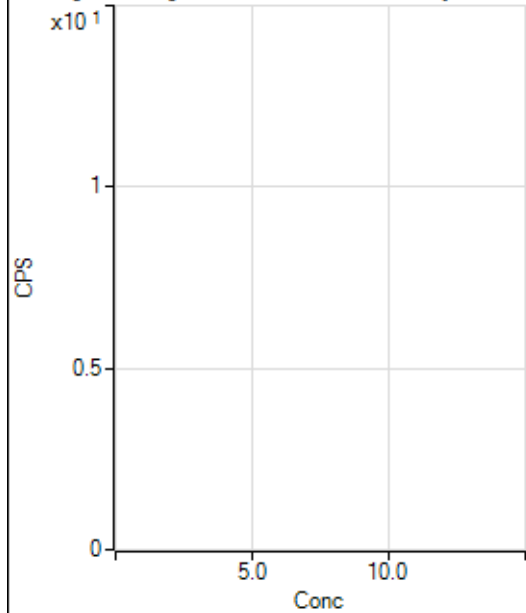
$$R = 0.9997$$

$$DL = 0.00846$$

$$BEC = 0.0174$$

Weight: <None>

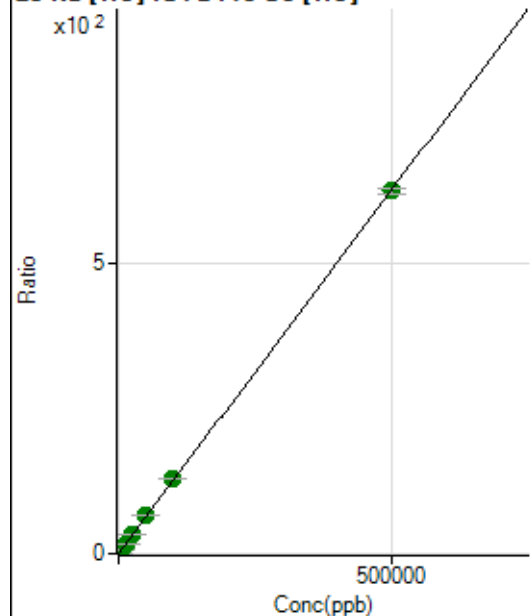
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2863938.52		A	0.7
2	☐			2873303.78		A	1.1
3	☐			3088203.28		A	0.8
4	☐			3196850.14		A	2.6
5	☐			3198140.76		A	2.0
6	☐			3366856.59		A	2.4
7	☐			3712921.30		A	3.6
8	☐			3504426.20		A	4.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36353.93		P	0.6
2	☐			36362.14		P	0.9
3	☐			39425.69		P	1.7
4	☐			42595.66		P	1.6
5	☐			41748.73		P	0.9
6	☐			45214.58		P	3.6
7	☐			51836.43		P	1.2
8	☐			54911.57		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19694.28	0.1281	P	1.2
2	☐	500.000	486.111	114441.61	0.7383	P	1.8
3	☐	5000.000	5265.572	1089696.63	6.7373	A	5.3
4	☐	12500.000	13299.622	2575553.62	16.8213	A	1.5
5	☐	25000.000	25794.470	4888609.87	32.5044	A	2.6
6	☐	50000.000	52501.298	9448105.51	66.0257	A	2.8
7	☐	100000.00	103137.20	19375914.84	129.5820	A	2.2
8	☐	500000.00	499060.07	92380133.32	626.5291	A	1.7

$$y = 0.0013 * x + 0.1281$$

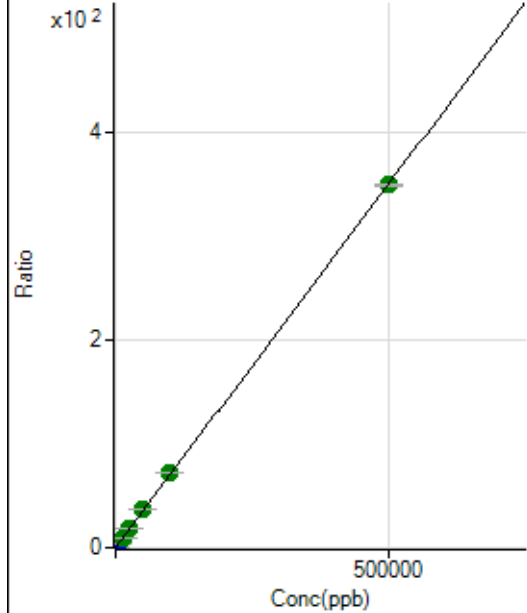
$$R = 1.0000$$

$$DL = 3.784$$

$$BEC = 102.1$$

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	450.02	0.0029	P	23.8
2	☐	500.000	498.784	54510.78	0.3517	P	2.7
3	☐	5000.000	5188.737	587024.17	3.6312	P	6.6
4	☐	12500.000	13552.398	1451445.20	9.4795	A	0.5
5	☐	25000.000	26591.525	2796858.46	18.5971	A	3.0
6	☐	50000.000	52880.913	5292167.00	36.9800	A	2.1
7	☐	100000.00	103078.03	10777666.22	72.0803	A	1.9
8	☐	500000.00	498988.53	51453834.14	348.9211	A	0.5

$$y = 6.9925\text{E-}004 * x + 0.0029$$

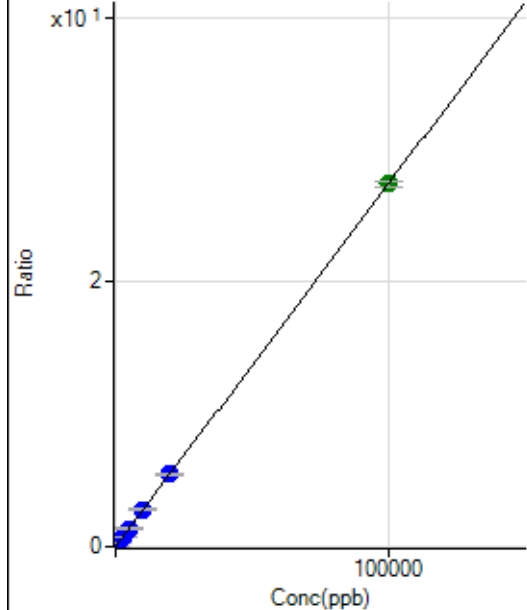
$$R = 1.0000$$

$$DL = 2.983$$

$$BEC = 4.184$$

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	55.82	0.0004	P	2.8
2	☐	20.000	19.887	901.59	0.0058	P	6.0
3	☐	1000.000	1018.798	45224.88	0.2798	P	7.0
4	☐	2500.000	2547.297	107032.78	0.6991	P	1.8
5	☐	5000.000	5022.418	207240.34	1.3780	P	2.6
6	☐	10000.000	10206.305	400647.89	2.7998	P	2.8
7	☐	20000.000	19992.562	820007.47	5.4841	P	1.7
8	☐	100000.00	99978.366	4043469.34	27.4233	A	1.6

$$y = 2.7429\text{E-}004 * x + 3.6317\text{E-}004$$

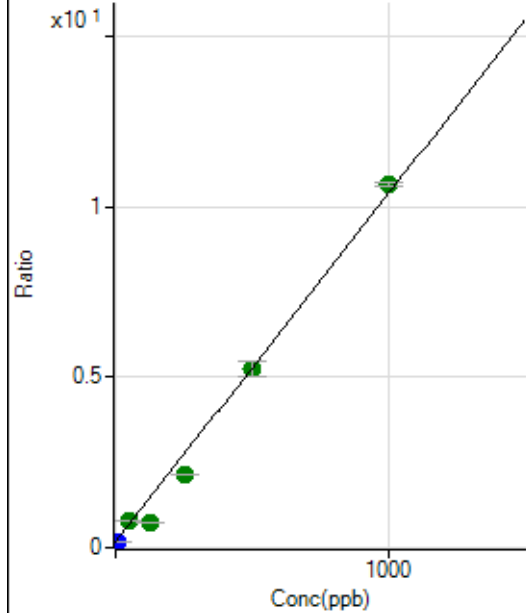
$$R = 1.0000$$

$$DL = 0.1093$$

$$BEC = 1.324$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	791092.41	0.1792	P	2.5
2	☐	10.000	0.490	813197.42	0.1842	P	1.5
3	☐	50.000	61.403	3573925.25	0.8060	A	1.4
4	☐	125.000	53.085	3111776.20	0.7211	A	3.6
5	☐	250.000	193.013	9402537.88	2.1495	A	1.0
6	☐	500.000	496.215	23986504.88	5.2446	A	8.0
7	☐	1000.000	1024.654	48317420.52	10.6389	A	1.2
8	☐			2391715.20	0.5607	A	11.3

$$y = 0.0102 * x + 0.1792$$

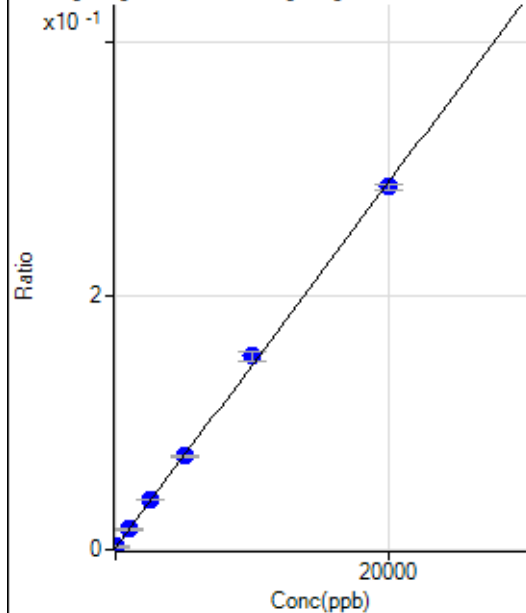
$$R = 0.9962$$

$$DL = 1.325$$

$$BEC = 17.55$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-26.945	236.12	0.0015	P	14.8
2	☐	0.000	26.945	358.35	0.0023	P	7.6
3	☐	1000.000	991.418	2611.42	0.0162	P	6.7
4	☐	2500.000	2632.052	6079.24	0.0397	P	1.2
5	☐	5000.000	5023.677	11135.10	0.0740	P	2.1
6	☐	10000.000	10462.905	21758.56	0.1521	P	5.8
7	☐	20000.000	19746.551	42671.62	0.2854	P	1.3
8	☐			272.23	0.0018	P	20.1

$$y = 1.4354E-005 * x + 0.0019$$

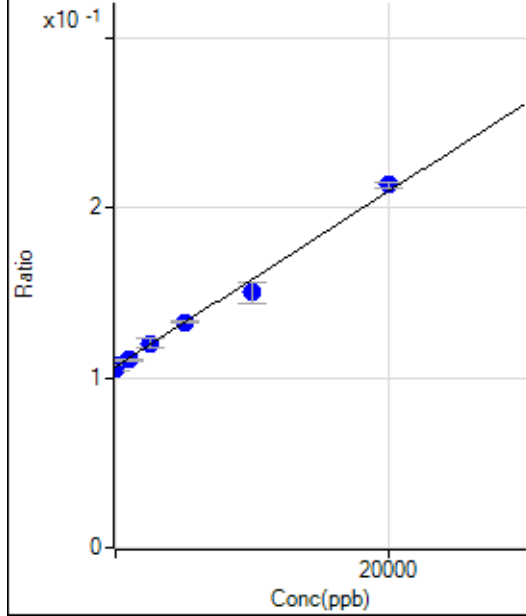
$$R = 0.9996$$

$$DL = 42.32$$

$$BEC = 134$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-179.852	465245.14	0.1054	P	1.9
2	☐	0.000	179.852	473451.31	0.1072	P	0.7
3	☐	1000.000	767.575	488940.32	0.1103	P	1.4
4	☐	2500.000	2711.921	518911.57	0.1203	P	4.9
5	☐	5000.000	5119.968	580562.03	0.1327	P	0.8
6	☐	10000.000	8472.611	685918.63	0.1500	P	8.5
7	☐	20000.000	20718.833	968283.17	0.2132	P	1.3
8	☐			419857.04	0.0986	P	0.8

$$y = 5.1592E-006 * x + 0.1063$$

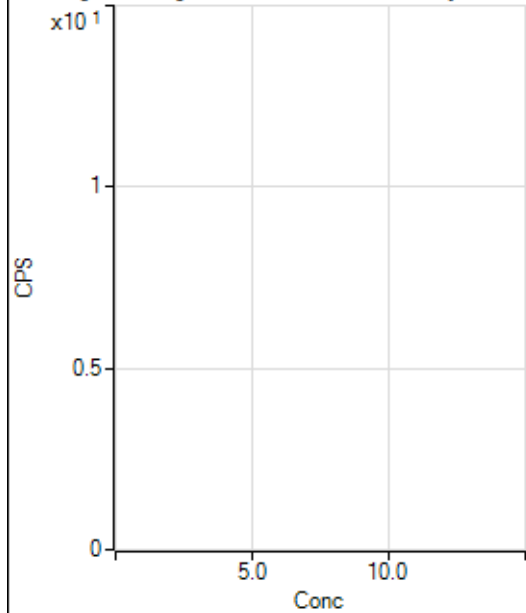
R = 0.9956

DL = 794.5

BEC = 2.06E+04

Weight: <None>

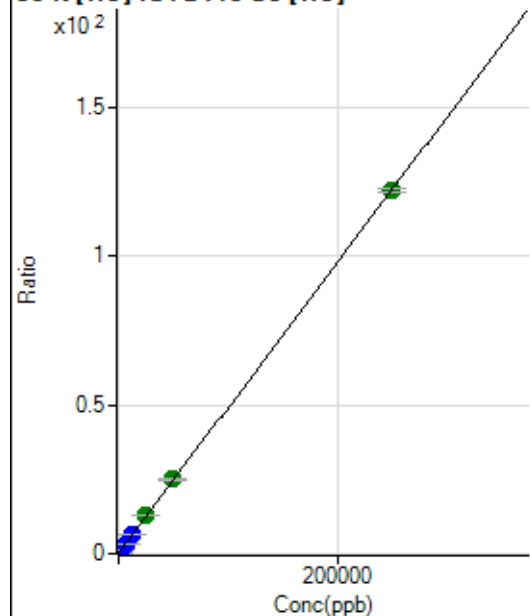
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			134851.16		P	1.8
2	☐			133113.51		P	0.5
3	☐			141800.26		P	0.6
4	☐			140146.42		P	0.7
5	☐			140097.89		P	1.5
6	☐			136735.98		P	1.2
7	☐			143850.86		P	0.5
8	☐			143170.06		P	1.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			716.70		P	8.8
2	☐			755.60		P	8.4
3	☐			911.17		P	11.4
4	☐			808.38		P	17.3
5	☐			905.61		P	6.1
6	☐			819.49		P	15.4
7	☐			877.83		P	7.7
8	☐			861.16		P	10.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	29555.89	0.1923	P	1.9
2	☐	500.000	487.262	66648.79	0.4300	P	2.6
3	☐	2500.000	2504.135	228541.76	1.4138	P	6.6
4	☐	6250.000	6495.091	514539.32	3.3605	P	1.3
5	☐	12500.000	12749.586	964278.23	6.4114	P	2.3
6	☐	25000.000	26305.937	1863989.75	13.0239	A	2.1
7	☐	50000.000	50801.755	3734038.84	24.9726	A	1.9
8	☐	250000.00	249690.43	17988499.36	121.9874	A	1.2

$$y = 4.8778\text{E-}004 * x + 0.1923$$

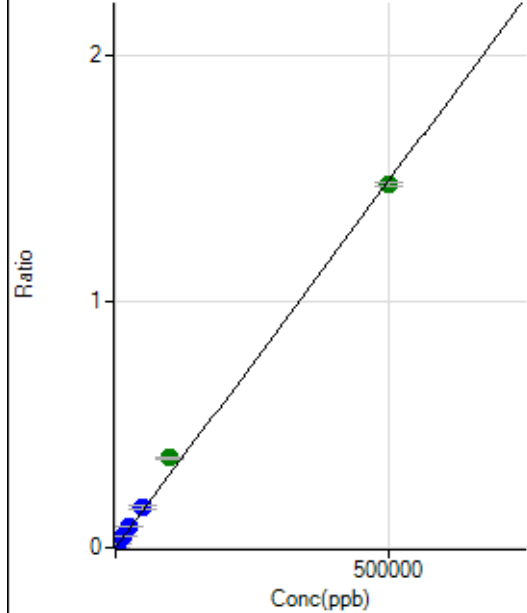
$$R = 1.0000$$

$$DL = 22.53$$

$$BEC = 394.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	132.48	0.0000	P	11.4
2	☐	500.000	513.080	6882.05	0.0016	P	0.5
3	☐	5000.000	6269.651	82964.74	0.0187	P	1.1
4	☐	12500.000	15446.916	198709.80	0.0461	P	3.9
5	☐	25000.000	29536.466	385075.97	0.0880	P	0.7
6	☐	50000.000	54249.089	739414.88	0.1617	P	7.9
7	☐	100000.00	122196.07	1653329.46	0.3641	A	3.7
8	☐	500000.00	494822.67	6276034.62	1.4743	A	0.9

$$y = 2.9794\text{E-}006 * x + 3.0018\text{E-}005$$

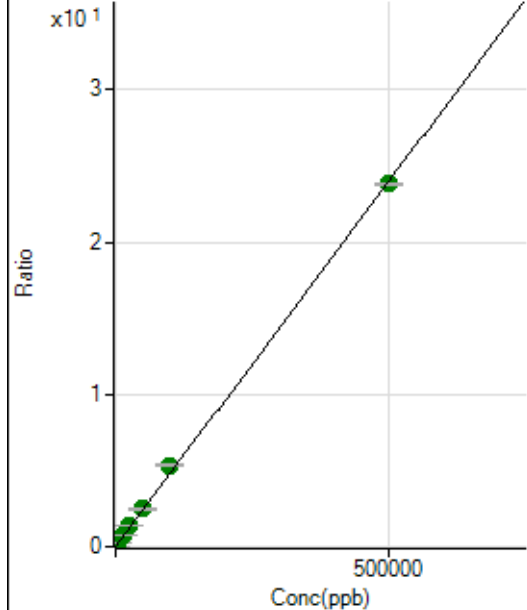
$$R = 0.9989$$

$$DL = 3.455$$

$$BEC = 10.08$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10246.97	0.0023	P	2.0
2	☐	500.000	518.377	119841.41	0.0271	P	0.4
3	☐	5000.000	5942.622	1272056.16	0.2869	A	1.9
4	☐	12500.000	14772.541	3062792.47	0.7097	A	3.4
5	☐	25000.000	28404.210	5959615.06	1.3624	A	1.1
6	☐	50000.000	51593.800	11310546.82	2.4728	A	7.8
7	☐	100000.00	111607.45	24278127.15	5.3464	A	3.0
8	☐	500000.00	497282.66	101383484.7	23.8138	A	0.5

$$y = 4.7883\text{E-}005 * x + 0.0023$$

$$R = 0.9997$$

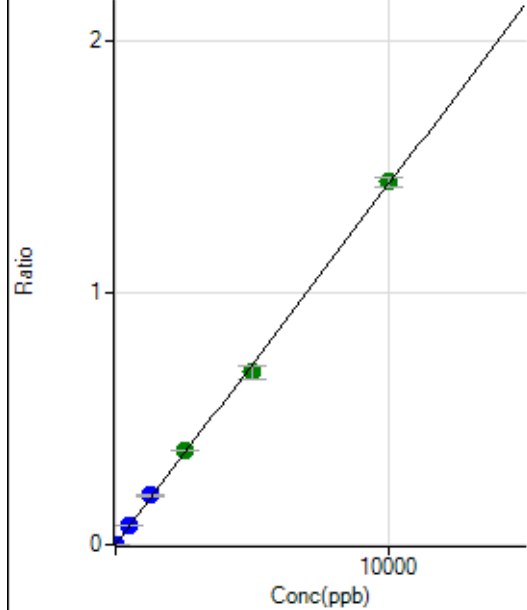
$$DL = 2.894$$

$$BEC = 48.47$$

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	94.45	0.0000	P	51.5
2	☐	5.000	5.258	3419.95	0.0008	P	2.2
3	☐	500.000	551.377	350355.17	0.0790	P	1.2
4	☐	1250.000	1370.381	847176.12	0.1963	P	3.9
5	☐	2500.000	2602.170	1630803.56	0.3728	A	0.3
6	☐	5000.000	4777.291	3129140.37	0.6844	A	8.6
7	☐	10000.000	10068.195	6549858.09	1.4423	A	2.6
8	☐			2197.45	0.0005	P	10.1

$$y = 1.4326\text{E-}004 * x + 2.1390\text{E-}005$$

$$R = 0.9995$$

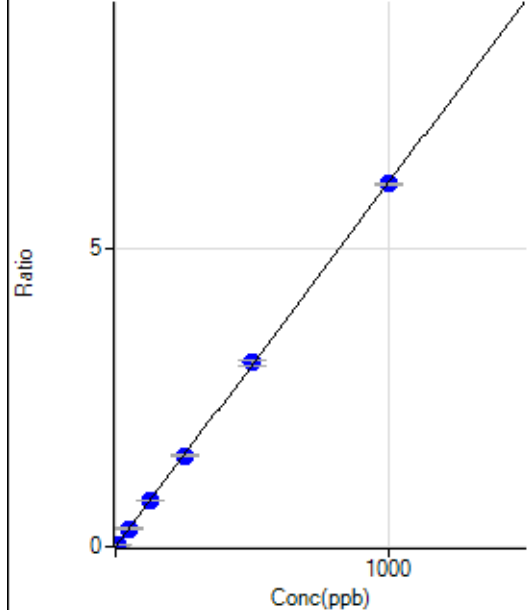
$$DL = 0.2307$$

$$BEC = 0.1493$$

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	6.67	0.0000	P	100.4
2	☐	5.000	4.989	4724.16	0.0305	P	1.2
3	☐	50.000	49.236	48544.22	0.3004	P	7.0
4	☐	125.000	127.482	119063.02	0.7776	P	0.6
5	☐	250.000	250.557	229867.60	1.5283	P	1.8
6	☐	500.000	505.027	440785.27	3.0803	P	2.9
7	☐	1000.000	997.075	909359.13	6.0815	P	0.5
8	☐			388.90	0.0026	P	10.2

$$y = 0.0061 * x + 4.3559\text{E-}005$$

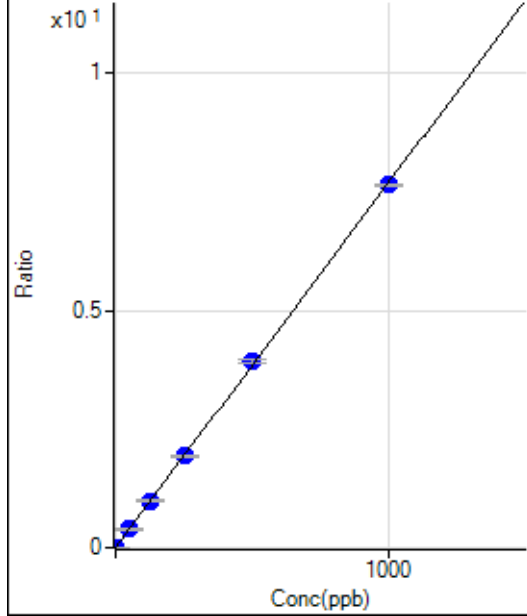
$$R = 1.0000$$

$$DL = 0.02151$$

$$BEC = 0.007142$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	455.57	0.0030	P	8.8
2	☐	2.000	2.039	2890.32	0.0186	P	5.4
3	☐	50.000	49.969	62584.01	0.3872	P	6.9
4	☐	125.000	128.320	151524.85	0.9897	P	2.4
5	☐	250.000	251.781	291650.02	1.9390	P	1.7
6	☐	500.000	509.782	561373.44	3.9229	P	2.5
7	☐	1000.000	994.250	1143652.36	7.6481	P	0.4
8	☐			9039.59	0.0613	P	1.5

$$y = 0.0077 * x + 0.0030$$

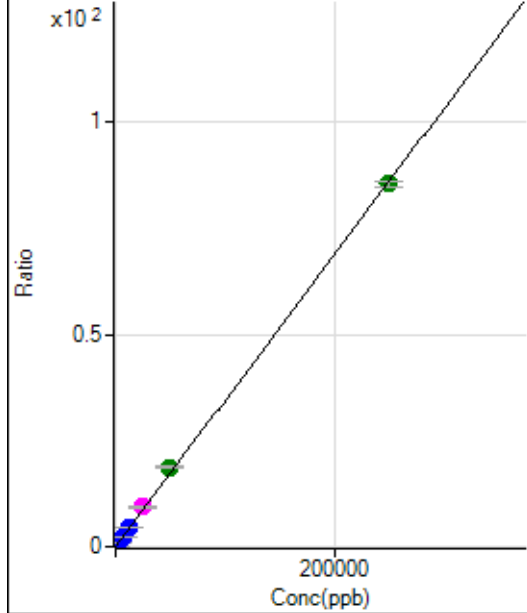
$$R = 0.9999$$

$$DL = 0.1014$$

$$BEC = 0.3856$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	546.32	0.0036	P	19.0
2	☐	50.000	51.269	3280.06	0.0212	P	1.4
3	☐	2500.000	2688.711	149719.62	0.9265	P	7.4
4	☐	6250.000	6890.231	362677.14	2.3687	P	1.3
5	☐	12500.000	13506.712	697933.68	4.6399	P	1.6
6	☐	25000.000	27149.622	1334216.12	9.3230	M	2.4
7	☐	50000.000	54499.398	2797774.08	18.7111	A	1.3
8	☐	250000.00	248816.92	12595022.97	85.4130	A	1.7

$$y = 3.4326E-004 * x + 0.0036$$

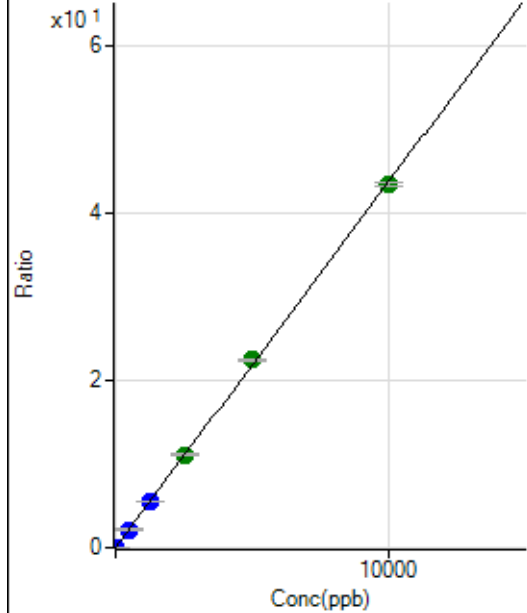
$$R = 0.9998$$

$$DL = 5.913$$

$$BEC = 10.36$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.00	0.0003	P	14.8
2	☐	1.000	0.964	693.36	0.0045	P	3.9
3	☐	500.000	488.140	344972.22	2.1343	P	6.9
4	☐	1250.000	1260.167	843600.86	5.5095	P	0.7
5	☐	2500.000	2534.872	1666857.01	11.0823	A	1.9
6	☐	5000.000	5140.552	3216606.24	22.4738	A	1.2
7	☐	10000.000	9920.328	6484937.61	43.3701	A	1.1
8	☐			4169.54	0.0283	P	3.8

$$y = 0.0044 * x + 2.6033E-004$$

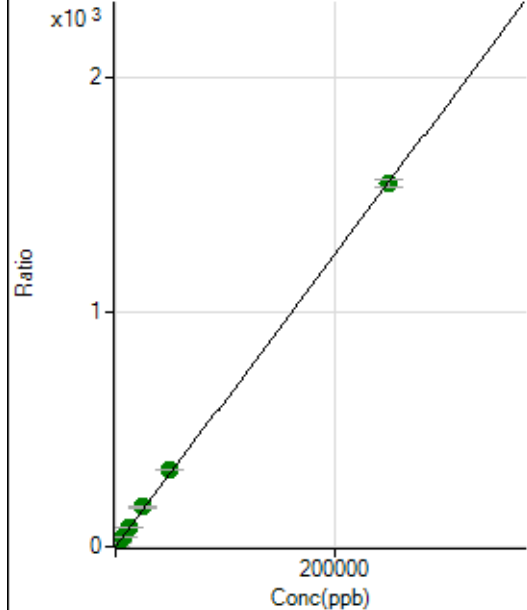
$$R = 0.9998$$

$$DL = 0.02639$$

$$BEC = 0.05955$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2198.36	0.0143	P	2.6
2	☐	50.000	52.074	52309.09	0.3374	P	0.8
3	☐	2500.000	2712.852	2723489.18	16.8487	A	6.7
4	☐	6250.000	6885.357	6544242.51	42.7408	A	0.7
5	☐	12500.000	13653.533	12747513.71	84.7402	A	0.7
6	☐	25000.000	27196.832	24155609.34	168.7820	A	2.1
7	☐	50000.000	52802.560	48999936.74	327.6763	A	1.1
8	☐	250000.00	249144.11	227944510.6	1,546.057	A	2.3

$$y = 0.0062 * x + 0.0143$$

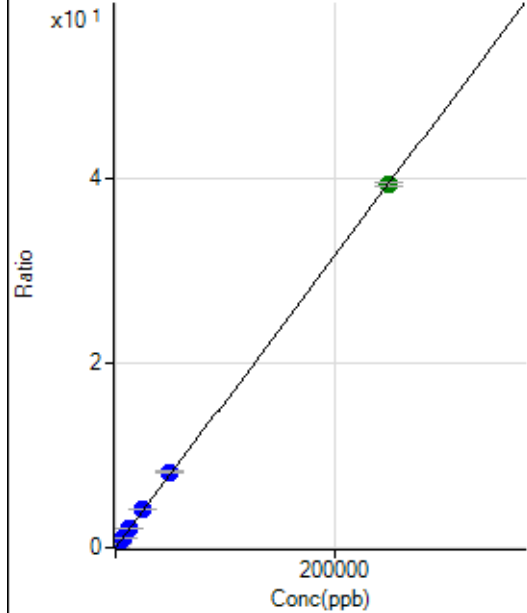
$$R = 0.9999$$

$$DL = 0.181$$

$$BEC = 2.305$$

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	101.85	0.0007	P	18.6
2	☐	50.000	51.260	1353.80	0.0087	P	8.5
3	☐	2500.000	2647.330	67515.08	0.4178	P	7.2
4	☐	6250.000	6792.107	163961.92	1.0708	P	0.7
5	☐	12500.000	13361.076	316746.37	2.1058	P	1.8
6	☐	25000.000	26628.093	600464.28	4.1961	P	2.6
7	☐	50000.000	52154.157	1228786.95	8.2179	P	1.0
8	☐	250000.00	249348.27	5793335.43	39.2872	A	0.9

$$y = 1.5756\text{E-}004 * x + 6.6222\text{E-}004$$

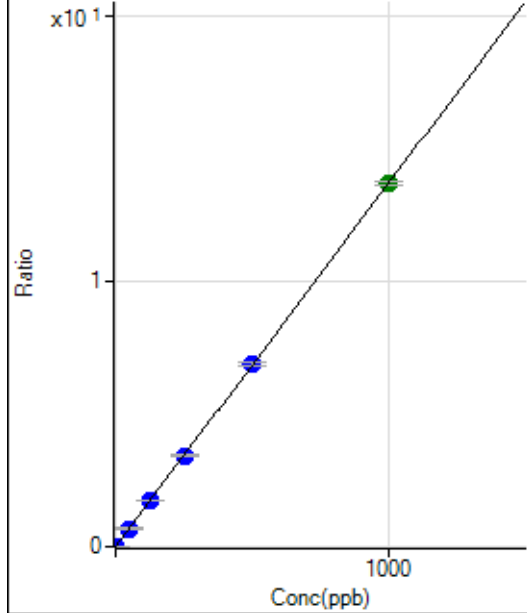
$$R = 0.9999$$

$$DL = 2.347$$

$$BEC = 4.203$$

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	64.44	0.0004	P	23.2
2	☐	1.000	1.009	2204.64	0.0142	P	3.1
3	☐	50.000	49.651	109910.31	0.6800	P	7.1
4	☐	125.000	127.196	266647.53	1.7415	P	0.4
5	☐	250.000	249.275	513272.35	3.4125	P	2.1
6	☐	500.000	502.512	984428.89	6.8788	P	2.0
7	☐	1000.000	998.668	2044145.16	13.6702	A	1.1
8	☐			1859.03	0.0126	P	2.1

$$y = 0.0137 * x + 4.1928\text{E-}004$$

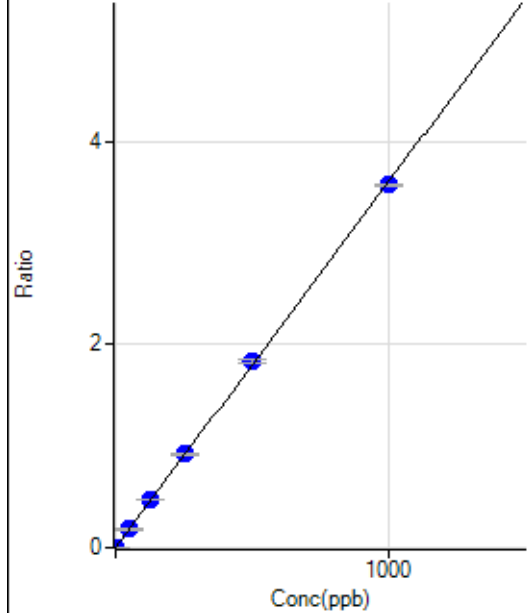
$$R = 1.0000$$

$$DL = 0.02131$$

$$BEC = 0.03063$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	88.89	0.0006	P	22.1
2	☐	1.000	1.071	687.80	0.0044	P	4.4
3	☐	50.000	51.224	29902.55	0.1850	P	6.7
4	☐	125.000	130.466	71999.94	0.4703	P	2.1
5	☐	250.000	256.874	139179.19	0.9253	P	1.8
6	☐	500.000	511.320	263522.86	1.8413	P	1.7
7	☐	1000.000	991.877	534010.95	3.5713	P	0.7
8	☐			1813.47	0.0123	P	4.0

$$y = 0.0036 * x + 5.7893E-004$$

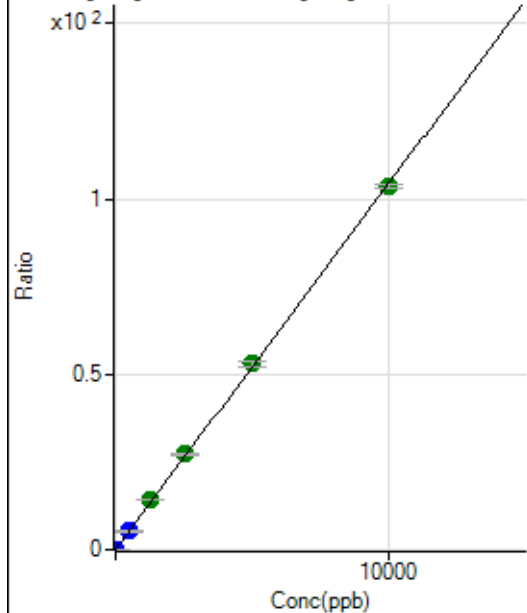
$$R = 0.9999$$

$$DL = 0.1065$$

$$BEC = 0.1608$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	472.23	0.0031	P	7.0
2	☐	2.000	2.068	3820.55	0.0246	P	1.3
3	☐	500.000	506.065	854119.01	5.2837	P	6.6
4	☐	1250.000	1346.051	2151058.53	14.0486	A	0.8
5	☐	2500.000	2613.758	4102349.35	27.2766	A	2.6
6	☐	5000.000	5088.182	7597851.07	53.0962	A	2.8
7	☐	10000.000	9915.160	15470259.35	103.4637	A	1.2
8	☐			4841.99	0.0328	P	3.9

$$y = 0.0104 * x + 0.0031$$

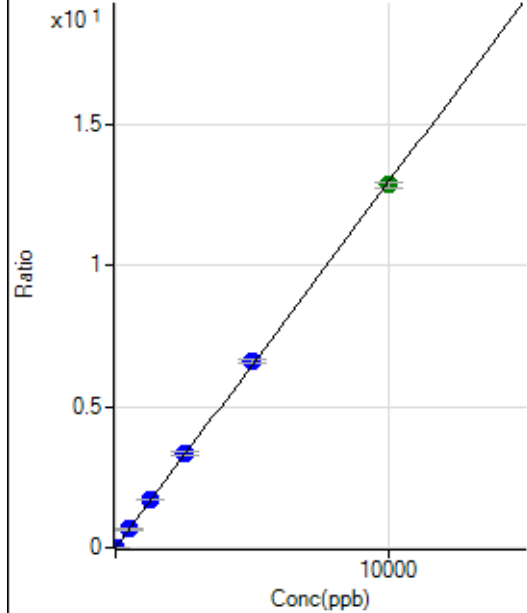
$$R = 0.9998$$

$$DL = 0.0621$$

$$BEC = 0.2945$$

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	71.11	0.0005	P	11.2
2	☐	2.000	2.523	577.80	0.0037	P	6.5
3	☐	500.000	507.214	106202.22	0.6571	P	7.2
4	☐	1250.000	1310.187	259789.76	1.6967	P	1.3
5	☐	2500.000	2581.301	502696.50	3.3424	P	2.4
6	☐	5000.000	5090.303	943248.19	6.5908	P	1.7
7	☐	10000.000	9926.639	1921873.11	12.8523	A	1.7
8	☐			11064.41	0.0750	P	1.5

$$y = 0.0013 * x + 4.6248E-004$$

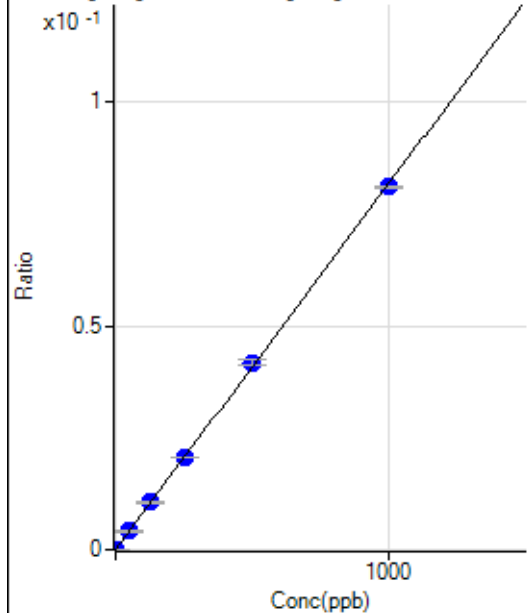
$$R = 0.9999$$

$$DL = 0.1205$$

$$BEC = 0.3572$$

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	2.33	0.0000	P	49.2
2	☐	1.000	1.094	120.34	0.0001	P	5.7
3	☐	50.000	50.310	5659.38	0.0041	P	8.3
4	☐	125.000	130.013	14108.79	0.0106	P	2.8
5	☐	250.000	254.001	27106.61	0.0208	P	0.6
6	☐	500.000	512.468	52010.99	0.0419	P	3.0
7	☐	1000.000	992.124	104608.86	0.0811	P	0.5
8	☐			33.67	0.0000	P	21.9

$$y = 8.1720E-005 * x + 1.7676E-006$$

$$R = 0.9999$$

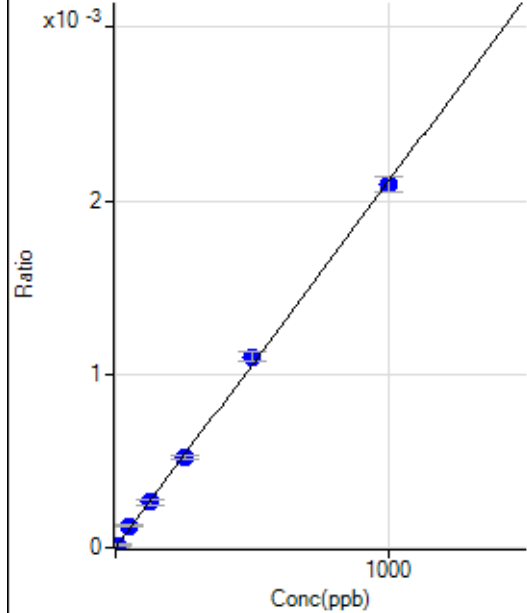
$$DL = 0.03194$$

$$BEC = 0.02163$$

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	1.11	0.0000	P	173.2
2	☐	5.000	5.996	17.78	0.0000	P	47.8
3	☐	50.000	59.047	173.34	0.0001	P	11.5
4	☐	125.000	123.964	348.90	0.0003	P	10.7
5	☐	250.000	244.832	675.58	0.0005	P	4.4
6	☐	500.000	520.951	1365.64	0.0011	P	4.9
7	☐	1000.000	990.489	2696.95	0.0021	P	4.2
8	☐			0.00	0.0000	P	

$$y = 2.1098\text{E-}006 * x + 8.4134\text{E-}007$$

$$R = 0.9996$$

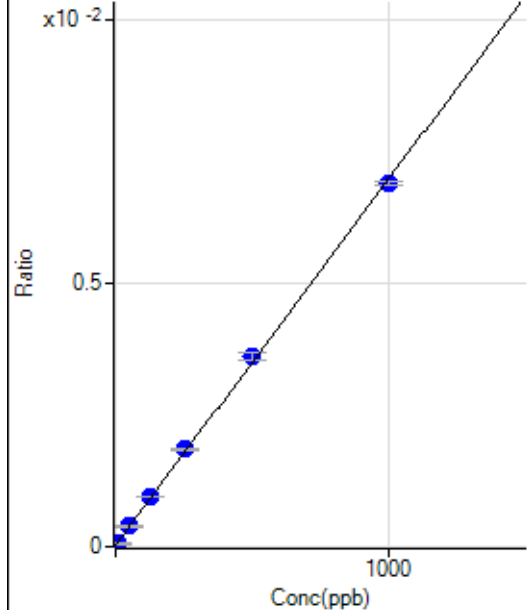
$$DL = 2.072$$

$$BEC = 0.3988$$

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	38.00	0.0000	P	11.6
2	☐	5.000	3.912	74.01	0.0001	P	14.5
3	☐	50.000	51.086	528.73	0.0004	P	6.7
4	☐	125.000	131.957	1256.19	0.0009	P	3.0
5	☐	250.000	263.415	2428.79	0.0019	P	2.2
6	☐	500.000	516.932	4498.18	0.0036	P	3.7
7	☐	1000.000	987.262	8893.37	0.0069	P	1.1
8	☐			39.00	0.0000	P	28.3

$$y = 6.9519\text{E-}006 * x + 2.8820\text{E-}005$$

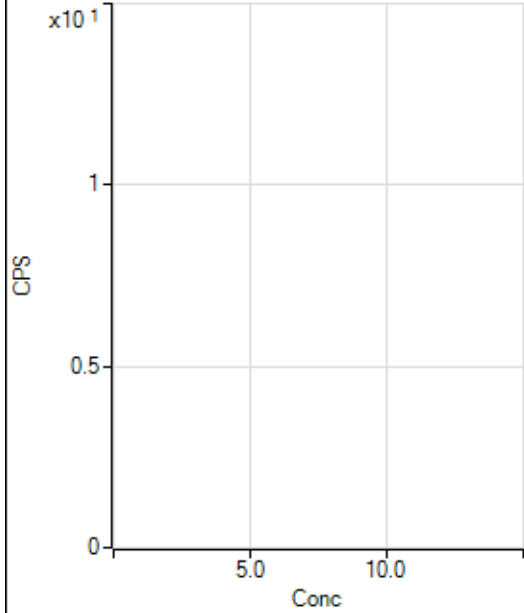
$$R = 0.9997$$

$$DL = 1.44$$

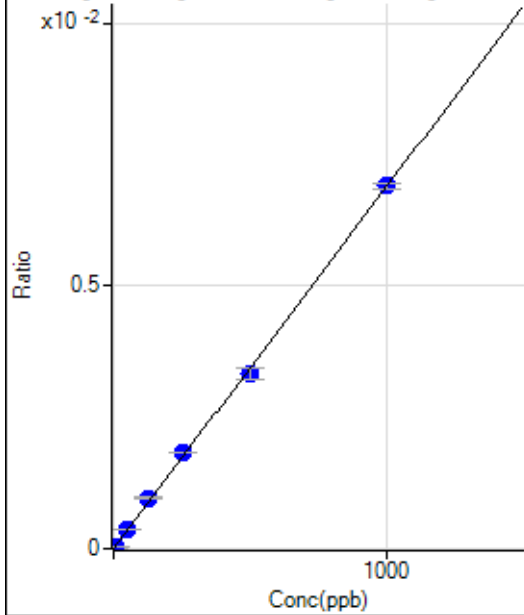
$$BEC = 4.146$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			39406.21		P	0.9
2	☐			39863.76		P	2.7
3	☐			40055.65		P	0.7
4	☐			39565.10		P	2.2
5	☐			38860.46		P	2.6
6	☐			38164.32		P	2.0
7	☐			37807.50		P	2.6
8	☐			37275.67		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.50	0.0000	P	1791.
2	☐	5.000	5.508	432.04	0.0000	P	6.8
3	☐	50.000	55.331	4421.05	0.0004	P	1.0
4	☐	125.000	140.480	10753.36	0.0010	P	3.4
5	☐	250.000	264.924	20844.79	0.0018	P	1.1
6	☐	500.000	482.463	40114.61	0.0033	P	6.7
7	☐	1000.000	1002.834	81416.65	0.0069	P	1.8
8	☐			105.41	0.0000	P	6.8

$$y = 6.8859E-006 * x + 1.7522E-007$$

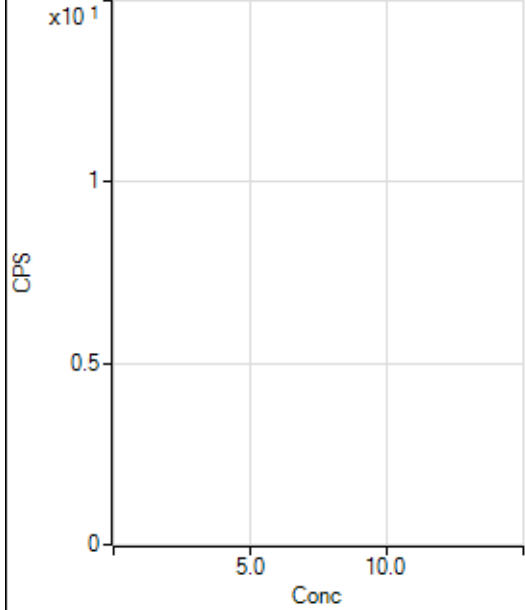
$$R = 0.9996$$

$$DL = 1.368$$

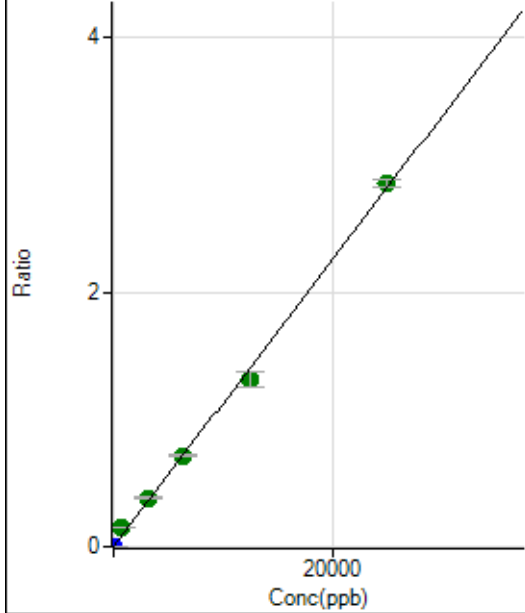
$$BEC = 0.02545$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			220.81		P	15.4
2	☐			188.31		P	4.3
3	☐			204.14		P	8.3
4	☐			199.15		P	9.1
5	☐			205.81		P	4.7
6	☐			210.39		P	6.6
7	☐			215.40		P	2.3
8	☐			182.06		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	408.35	0.0000	P	9.8
2	☐	1.000	0.963	1644.59	0.0001	P	12.4
3	☐	625.000	1337.702	1747687.08	0.1507	A	0.3
4	☐	3125.000	3390.006	4242586.42	0.3818	A	4.0
5	☐	6250.000	6347.471	8167663.21	0.7149	A	1.1
6	☐	12500.000	11696.758	15889219.80	1.3173	A	8.6
7	☐	25000.000	25326.310	33626992.42	2.8521	A	2.3
8	☐			13879.55	0.0012	P	7.6

$$y = 1.1261\text{E-}004 * x + 3.6612\text{E-}005$$

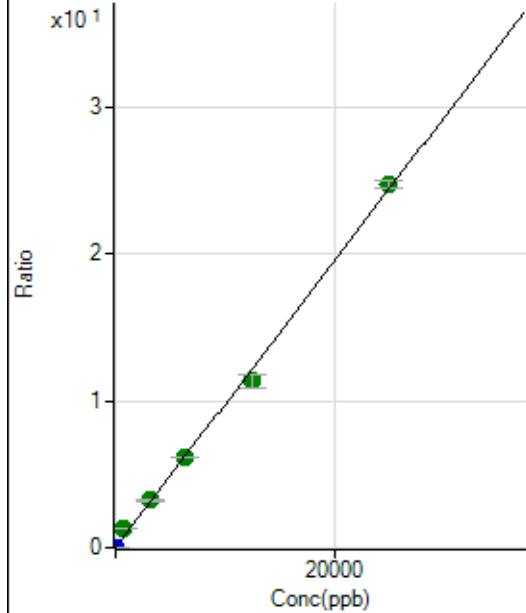
$$R = 0.9987$$

$$DL = 0.09563$$

$$BEC = 0.3251$$

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	180.56	0.0000	P	69.7
2	☐	1.000	1.025	11496.70	0.0010	P	2.7
3	☐	625.000	1324.648	14952392.87	1.2892	A	1.3
4	☐	3125.000	3302.415	35714771.29	3.2139	A	4.0
5	☐	6250.000	6358.358	70701366.16	6.1880	A	0.6
6	☐	12500.000	11673.653	137104257.2	11.3608	A	7.8
7	☐	25000.000	25346.416	290821325.9	24.6671	A	2.1
8	☐			120118.50	0.0108	P	11.7

$$y = 9.7320\text{E-}004 * x + 1.6333\text{E-}005$$

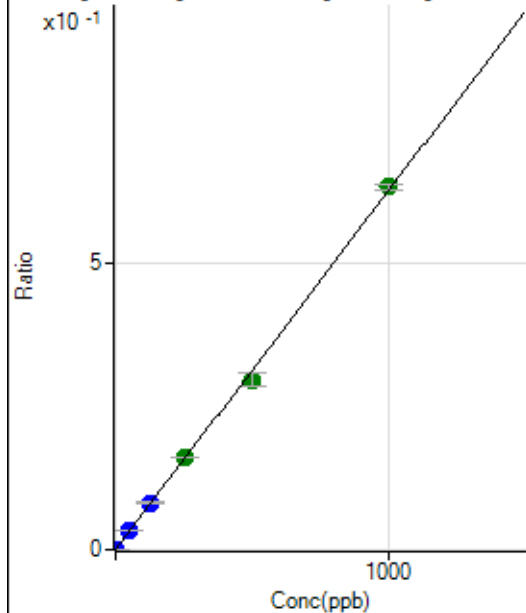
$$R = 0.9987$$

$$DL = 0.03508$$

$$BEC = 0.01678$$

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	483.36	0.0000	P	10.7
2	☐	1.000	0.924	7049.25	0.0006	P	3.0
3	☐	50.000	52.984	385084.13	0.0332	P	0.9
4	☐	125.000	130.919	910847.42	0.0820	P	4.1
5	☐	250.000	256.055	1831338.58	0.1603	A	1.1
6	☐	500.000	473.821	3576485.41	0.2966	A	8.9
7	☐	1000.000	1010.687	7457583.93	0.6325	A	1.7
8	☐			2939.28	0.0003	P	5.7

$$y = 6.2581\text{E-}004 * x + 4.3322\text{E-}005$$

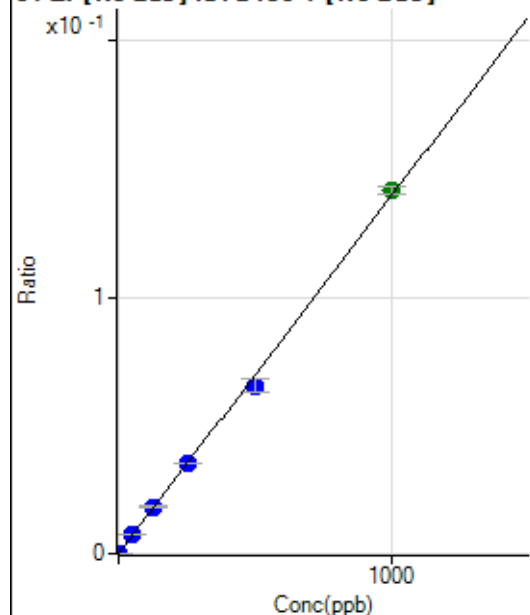
$$R = 0.9995$$

$$DL = 0.02214$$

$$BEC = 0.06923$$

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	55.56	0.0000	P	45.2
2	☐	1.000	0.927	1522.35	0.0001	P	3.3
3	☐	50.000	51.741	83813.44	0.0072	P	2.6
4	☐	125.000	130.073	201803.64	0.0182	P	3.6
5	☐	250.000	252.410	402534.58	0.0352	P	1.6
6	☐	500.000	469.681	790942.54	0.0656	P	8.0
7	☐	1000.000	1013.836	1668225.16	0.1415	A	2.0
8	☐			691.71	0.0001	P	22.1

$$y = 1.3956\text{E-}004 * x + 4.9729\text{E-}006$$

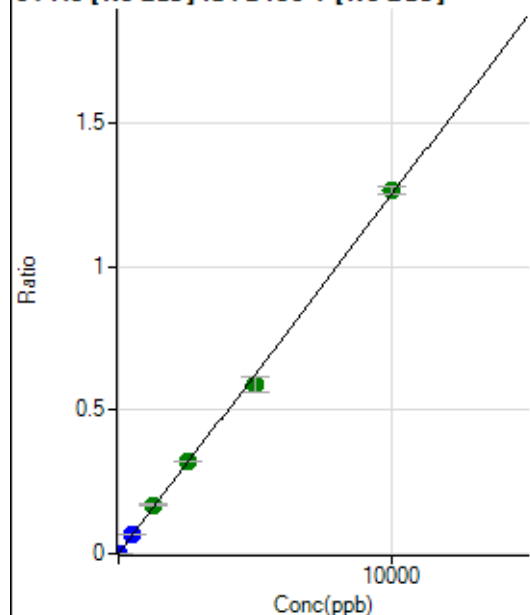
$$R = 0.9993$$

$$DL = 0.0483$$

$$BEC = 0.03563$$

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	127.78	0.0000	P	22.2
2	☐	5.000	5.869	8441.66	0.0007	P	4.6
3	☐	500.000	542.705	786445.35	0.0678	P	1.1
4	☐	1250.000	1357.483	1884425.28	0.1696	A	4.0
5	☐	2500.000	2570.816	3669310.37	0.3211	A	0.3
6	☐	5000.000	4719.028	7111018.65	0.5895	A	8.5
7	☐	10000.000	10107.211	14885329.33	1.2626	A	2.1
8	☐			5929.25	0.0005	P	13.1

$$y = 1.2492\text{E-}004 * x + 1.1435\text{E-}005$$

$$R = 0.9993$$

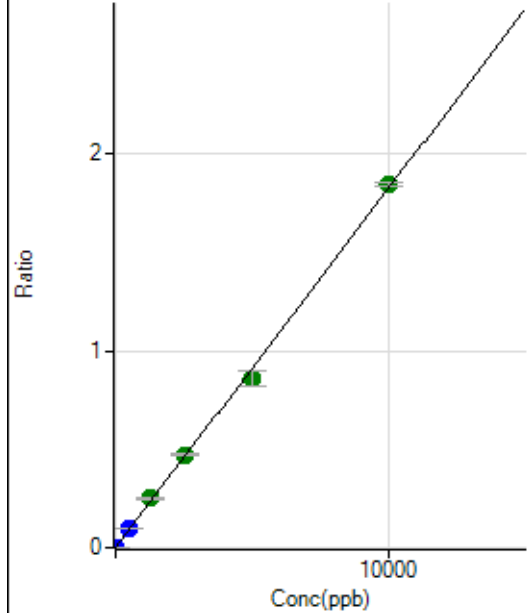
$$DL = 0.06107$$

$$BEC = 0.09154$$

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	22.22	0.0000	P	22.6
2	☐	5.000	4.834	10031.64	0.0009	P	2.3
3	☐	500.000	538.423	1140369.63	0.0983	P	1.1
4	☐	1250.000	1373.805	2787435.26	0.2509	A	4.2
5	☐	2500.000	2588.989	5401450.56	0.4728	A	1.9
6	☐	5000.000	4719.878	10396972.98	0.8619	A	8.3
7	☐	10000.000	10100.417	21745728.61	1.8443	A	1.2
8	☐			7780.25	0.0007	P	10.1

$$y = 1.8260\text{E-}004 * x + 1.9929\text{E-}006$$

$$R = 0.9993$$

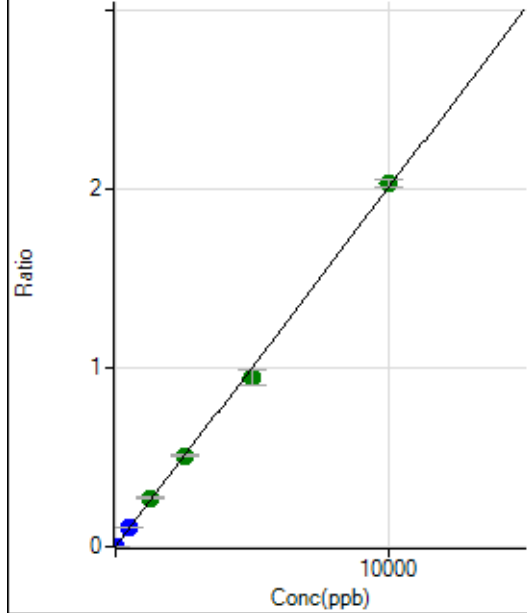
$$DL = 0.007389$$

$$BEC = 0.01091$$

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	80.56	0.0000	P	28.1
2	☐	5.000	4.918	11290.98	0.0010	P	1.7
3	☐	500.000	531.362	1238990.24	0.1068	P	1.4
4	☐	1250.000	1356.081	3029813.72	0.2726	A	3.4
5	☐	2500.000	2544.533	5844342.41	0.5115	A	1.8
6	☐	5000.000	4733.149	11473183.59	0.9515	A	9.2
7	☐	10000.000	10107.464	23955793.94	2.0318	A	2.1
8	☐			10932.49	0.0010	P	8.0

$$y = 2.0102\text{E-}004 * x + 7.2406\text{E-}006$$

$$R = 0.9994$$

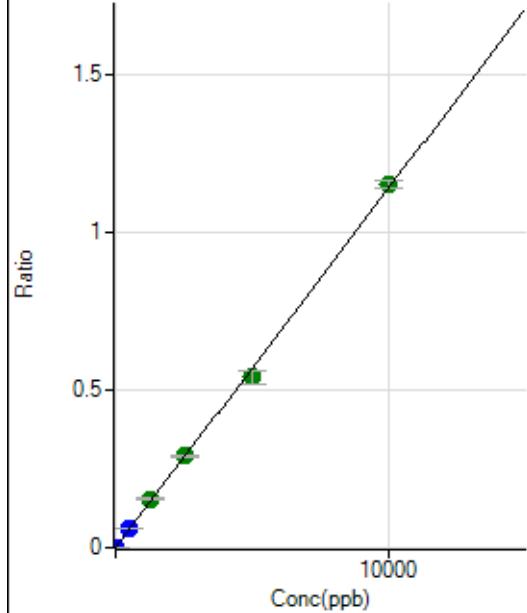
$$DL = 0.03038$$

$$BEC = 0.03602$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	2.4
2	☐	5.000	4.755	6157.09	0.0005	P	5.3
3	☐	500.000	542.219	717431.53	0.0619	P	1.0
4	☐	1250.000	1362.406	1726775.34	0.1554	A	4.4
5	☐	2500.000	2550.134	3323753.16	0.2909	A	1.0
6	☐	5000.000	4741.668	6524272.80	0.5409	A	8.6
7	☐	10000.000	10100.471	13584508.47	1.1522	A	2.1
8	☐			5170.59	0.0005	P	7.5

$$y = 1.1407\text{E-}004 * x + 7.4599\text{E-}007$$

$$R = 0.9994$$

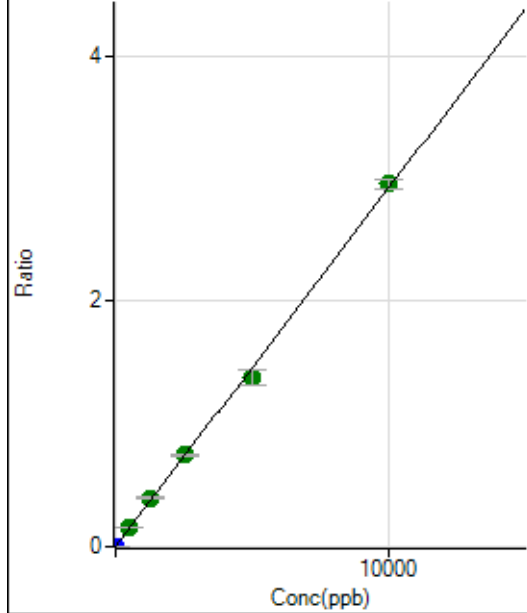
$$DL = 0.0004708$$

$$BEC = 0.006539$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	44.1
2	☐	5.000	4.928	16340.56	0.0014	P	1.0
3	☐	500.000	543.995	1842274.61	0.1588	A	0.9
4	☐	1250.000	1345.651	4365011.73	0.3929	A	4.7
5	☐	2500.000	2555.988	8526701.32	0.7463	A	0.8
6	☐	5000.000	4703.048	16560681.45	1.3732	A	9.0
7	☐	10000.000	10120.323	34836588.28	2.9548	A	2.7
8	☐			12150.30	0.0011	P	10.1

$$y = 2.9197\text{E-}004 * x + 2.4727\text{E-}006$$

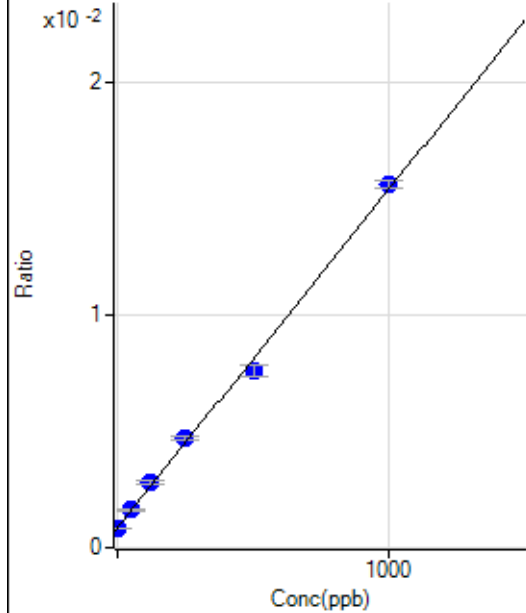
$$R = 0.9993$$

$$DL = 0.01121$$

$$BEC = 0.008469$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6693.47	0.0008	P	1.3
2	☐	1.000	0.709	6957.51	0.0008	P	4.0
3	☐	50.000	55.474	13668.29	0.0016	P	4.9
4	☐	125.000	134.500	22351.88	0.0028	P	4.4
5	☐	250.000	265.908	38682.78	0.0047	P	2.4
6	☐	500.000	463.947	67912.50	0.0076	P	5.8
7	☐	1000.000	1012.588	134489.97	0.0156	P	2.0
8	☐			6715.70	0.0008	P	3.6

$$y = 1.4547\text{E-}005 * x + 8.3739\text{E-}004$$

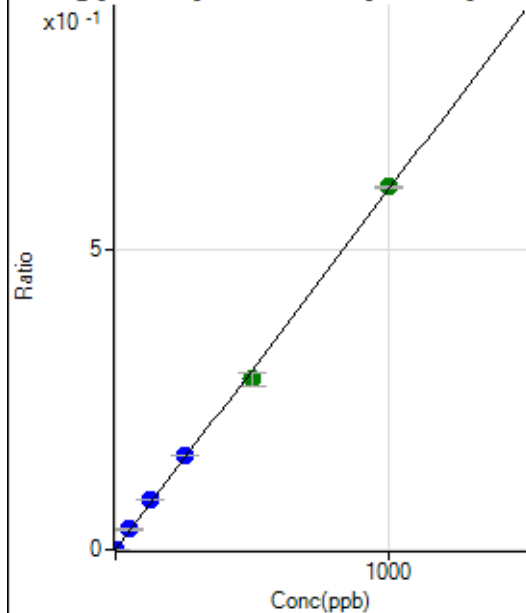
$$R = 0.9989$$

$$DL = 2.244$$

$$BEC = 57.57$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0000	P	13.8
2	☐	1.000	1.084	5431.75	0.0007	P	4.6
3	☐	50.000	56.198	279673.18	0.0337	P	2.1
4	☐	125.000	138.178	662171.97	0.0828	P	2.8
5	☐	250.000	262.378	1292043.88	0.1571	P	1.2
6	☐	500.000	473.509	2535096.00	0.2836	A	8.1
7	☐	1000.000	1008.194	5217470.39	0.6038	A	0.3
8	☐			2480.85	0.0003	P	4.3

$$y = 5.9889\text{E-}004 * x + 1.2875\text{E-}005$$

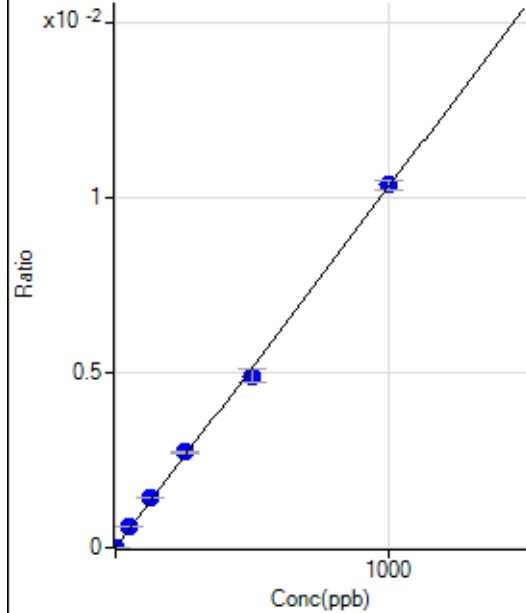
$$R = 0.9993$$

$$DL = 0.008893$$

$$BEC = 0.0215$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.61	0.0000	P	28.0
2	☐	1.000	0.965	105.56	0.0000	P	26.4
3	☐	50.000	56.888	4887.04	0.0006	P	1.3
4	☐	125.000	138.535	11431.24	0.0014	P	1.6
5	☐	250.000	264.451	22394.74	0.0027	P	1.2
6	☐	500.000	476.130	43832.13	0.0049	P	7.7
7	☐	1000.000	1006.286	89475.22	0.0104	P	2.5
8	☐			86.11	0.0000	P	22.7

$$y = 1.0289\text{E-}005 * x + 2.9614\text{E-}006$$

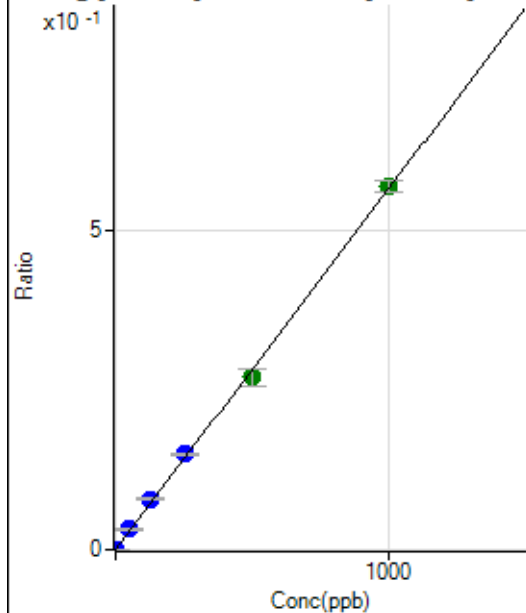
$$R = 0.9994$$

$$DL = 0.2415$$

$$BEC = 0.2878$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.1
2	☐	1.000	1.137	5312.27	0.0006	P	5.5
3	☐	50.000	56.455	265812.45	0.0320	P	2.0
4	☐	125.000	140.987	639050.56	0.0799	P	4.1
5	☐	250.000	263.955	1230004.72	0.1496	P	0.2
6	☐	500.000	477.986	2419601.40	0.2709	A	9.5
7	☐	1000.000	1005.197	4921312.00	0.5697	A	3.3
8	☐			2522.54	0.0003	P	7.1

$$y = 5.6676\text{E-}004 * x + 3.1357\text{E-}006$$

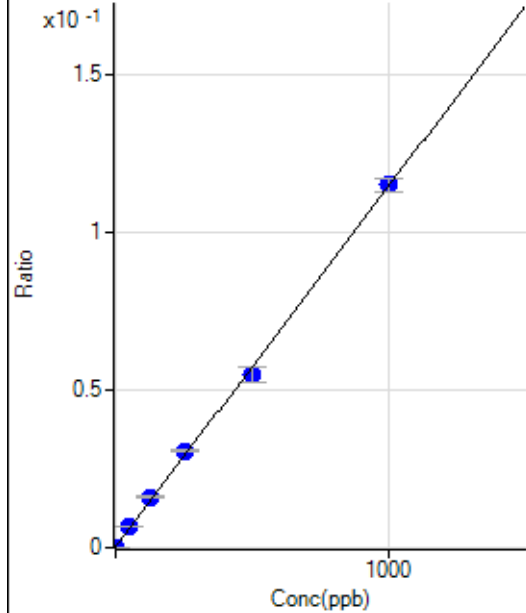
$$R = 0.9994$$

$$DL = 0.005668$$

$$BEC = 0.005533$$

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	1326.33	0.0002	P	1.1
2	☐	1.000	1.050	2348.22	0.0003	P	4.8
3	☐	50.000	56.740	55306.78	0.0067	P	1.5
4	☐	125.000	139.127	128581.78	0.0161	P	5.4
5	☐	250.000	266.748	252282.94	0.0307	P	1.1
6	☐	500.000	478.929	490910.64	0.0550	P	9.4
7	☐	1000.000	1004.245	993915.44	0.1151	P	3.8
8	☐			1767.60	0.0002	P	2.0

$$y = 1.1441\text{E-}004 * x + 1.6593\text{E-}004$$

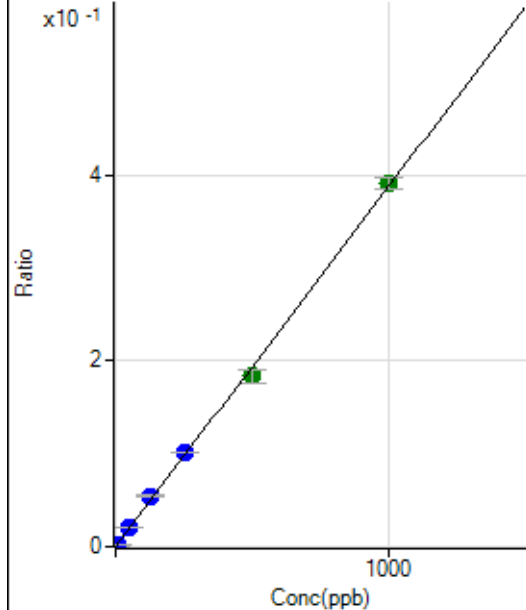
$$R = 0.9994$$

$$DL = 0.04644$$

$$BEC = 1.45$$

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	533.36	0.0001	P	21.6
2	☐	5.000	5.077	16688.38	0.0020	P	3.4
3	☐	50.000	54.591	176375.43	0.0212	P	0.4
4	☐	125.000	139.339	432583.30	0.0541	P	3.6
5	☐	250.000	261.624	834384.03	0.1015	P	0.8
6	☐	500.000	474.048	1643386.94	0.1838	A	8.0
7	☐	1000.000	1008.048	3376420.15	0.3909	A	3.2
8	☐			2875.39	0.0003	P	5.9

$$y = 3.8766\text{E-}004 * x + 6.6868\text{E-}005$$

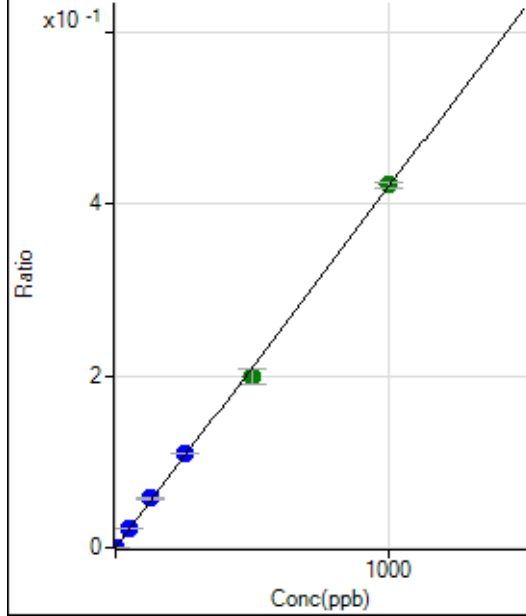
$$R = 0.9993$$

$$DL = 0.1117$$

$$BEC = 0.1725$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.1
2	☐	2.000	2.047	7057.56	0.0009	P	3.8
3	☐	50.000	54.722	190660.41	0.0230	P	2.4
4	☐	125.000	138.093	463349.53	0.0579	P	3.4
5	☐	250.000	263.291	908020.57	0.1104	P	0.3
6	☐	500.000	476.406	1785624.06	0.1998	A	8.8
7	☐	1000.000	1006.601	3647875.26	0.4222	A	1.8
8	☐			2497.52	0.0003	P	14.0

$$y = 4.1946\text{E-}004 * x + 1.7231\text{E-}006$$

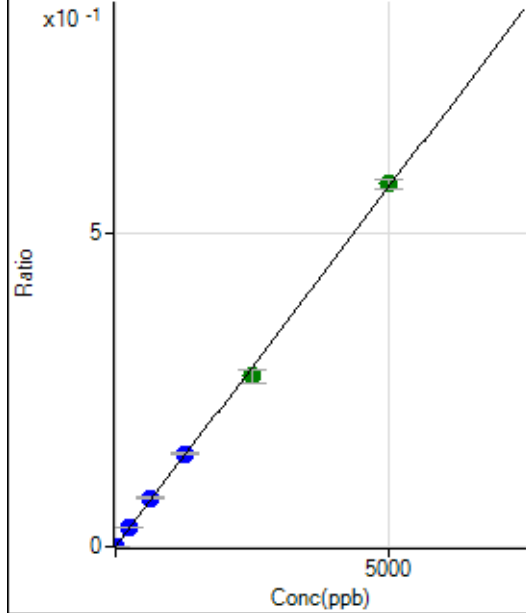
$$R = 0.9994$$

$$DL = 0.01123$$

$$BEC = 0.004108$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	48.8
2	☐	10.000	9.943	9381.30	0.0011	P	0.7
3	☐	250.000	270.013	257453.85	0.0310	P	1.8
4	☐	625.000	676.836	621303.41	0.0777	P	4.3
5	☐	1250.000	1287.872	1215277.83	0.1478	P	1.5
6	☐	2500.000	2369.692	2431553.87	0.2720	A	8.0
7	☐	5000.000	5048.206	5006409.75	0.5795	A	2.3
8	☐			3756.20	0.0005	P	6.4

$$y = 1.1478\text{E-}004 * x + 2.0776\text{E-}006$$

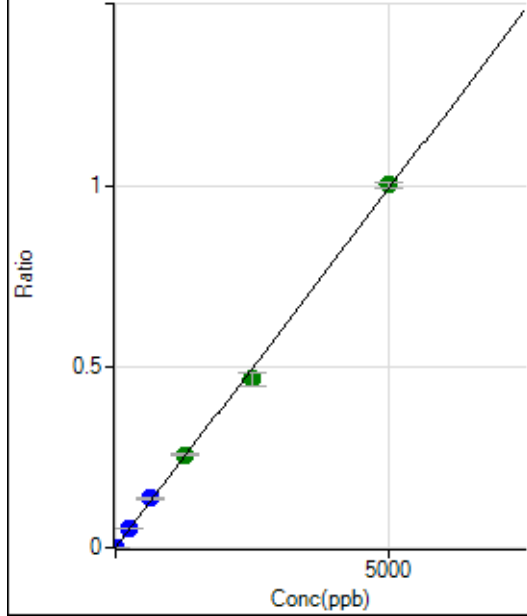
$$R = 0.9994$$

$$DL = 0.02649$$

$$BEC = 0.0181$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	100.0
2	☐	10.000	10.067	16374.24	0.0020	P	4.0
3	☐	250.000	272.980	449076.67	0.0541	P	1.0
4	☐	625.000	687.486	1088227.34	0.1361	P	5.8
5	☐	1250.000	1297.499	2112273.98	0.2569	A	1.4
6	☐	2500.000	2346.444	4151874.05	0.4646	A	8.7
7	☐	5000.000	5055.943	8649851.41	1.0012	A	1.6
8	☐			6707.43	0.0008	P	8.0

$$y = 1.9802E-004 * x + 2.4503E-006$$

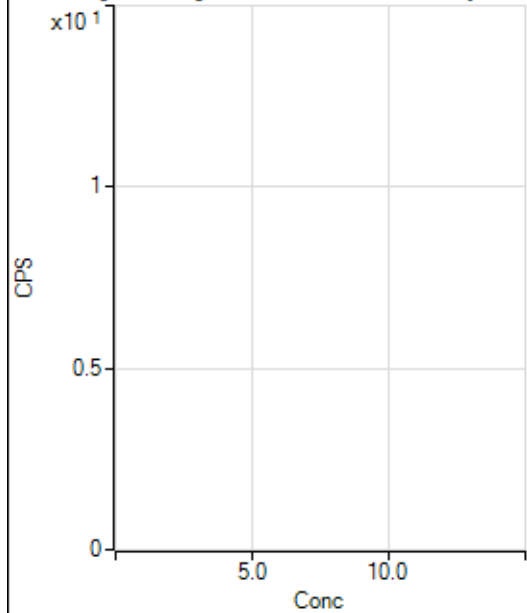
$$R = 0.9992$$

$$DL = 0.03712$$

$$BEC = 0.01237$$

Weight: <None>

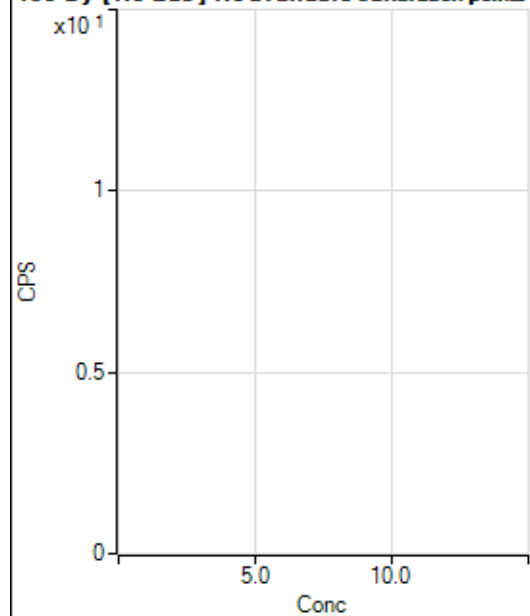
Min Conc: 0

150 Nd [No Gas] No available calibration points

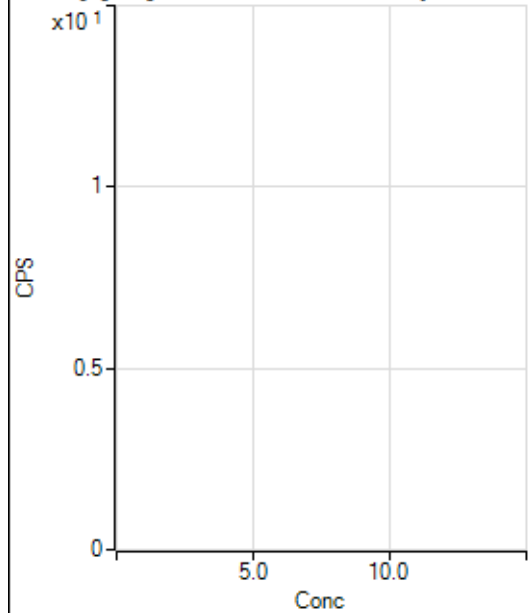
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.45		P	86.6
2	☐			13.33		P	NaN
3	☐			55.56		P	25.0
4	☐			155.56		P	4.9
5	☐			282.23		P	5.9
6	☐			493.35		P	3.6
7	☐			1168.96		P	13.5
8	☐			33.33		P	72.1

150 Nd [He] No available calibration points

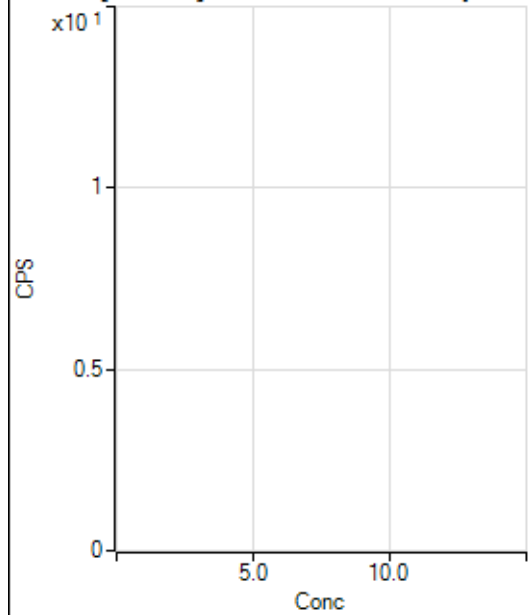
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			3.33		P	100.1
4	☐			14.44		P	13.4
5	☐			16.67		P	20.0
6	☐			30.00		P	67.6
7	☐			81.11		P	35.0
8	☐			17.78		P	75.8

156 Dy [No Gas] No available calibration points

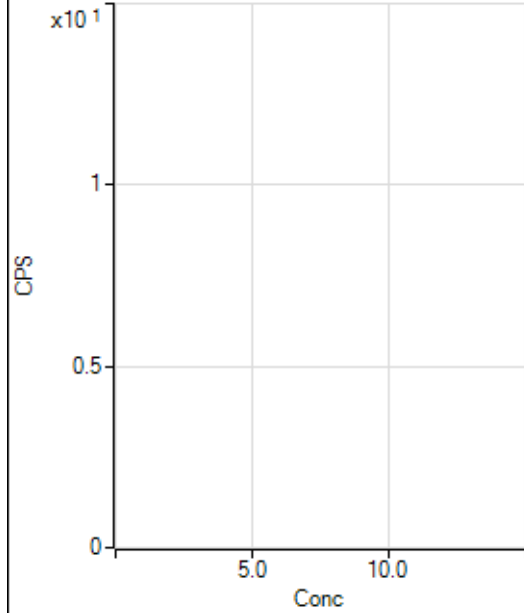
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.78		P	173.2
2	☐			5.56		P	173.2
3	☐			36.11		P	81.1
4	☐			25.00		P	0.0
5	☐			91.67		P	24.1
6	☐			183.34		P	12.0
7	☐			400.02		P	27.2
8	☐			863.95		P	19.0

156 Dy [He] No available calibration points

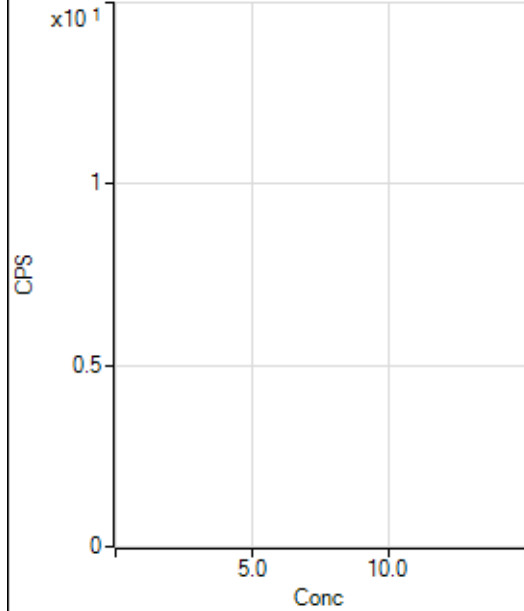
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			1.11		P	173.2
3	☐			16.67		P	52.9
4	☐			22.22		P	17.3
5	☐			46.67		P	21.4
6	☐			91.11		P	16.9
7	☐			178.89		P	2.8
8	☐			413.34		P	11.1

160 Gd [No Gas] Noavailable calibration poin_

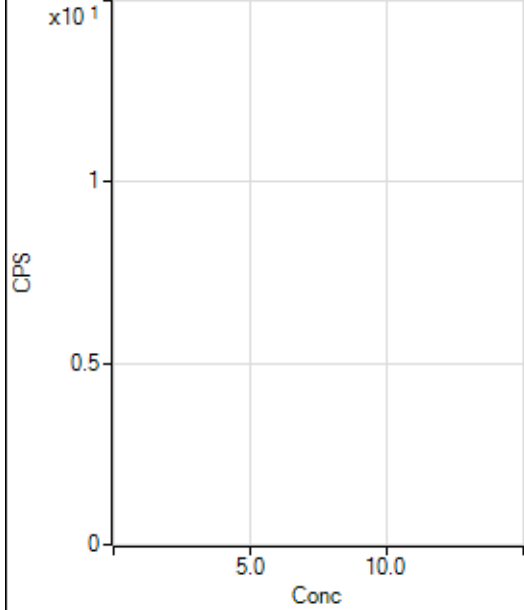
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			97.23		P	40.5
2	☐			125.00		P	11.5
3	☐			86.11		P	31.1
4	☐			141.67		P	25.6
5	☐			175.01		P	9.5
6	☐			188.90		P	9.2
7	☐			369.46		P	7.9
8	☐			1130.63		P	2.4

160 Gd [He] No available calibration points

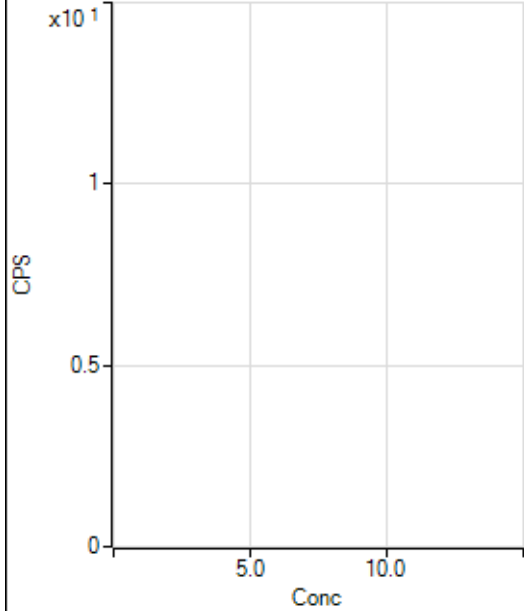
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			156.67		P	9.8
2	☐			142.23		P	5.4
3	☐			164.45		P	16.9
4	☐			168.89		P	4.6
5	☐			175.56		P	17.0
6	☐			201.11		P	13.4
7	☐			287.79		P	11.6
8	☐			671.14		P	13.4

164 Er [No Gas] No available calibration points

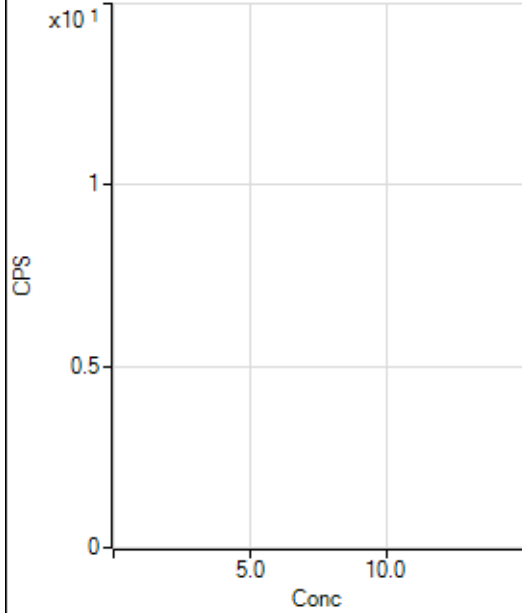
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			77.78		P	40.6
2	☐			66.67		P	33.1
3	☐			63.89		P	27.2
4	☐			66.67		P	12.5
5	☐			97.22		P	21.6
6	☐			105.56		P	24.1
7	☐			158.34		P	29.3
8	☐			91.67		P	48.1

164 Er [He] No available calibration points

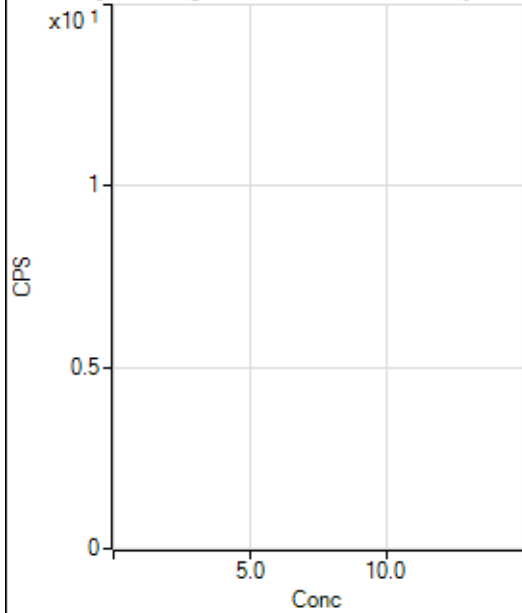
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			23.33		P	75.6
2	☐			22.22		P	67.6
3	☐			25.56		P	30.1
4	☐			21.11		P	50.8
5	☐			30.00		P	38.5
6	☐			40.00		P	8.3
7	☐			64.44		P	3.0
8	☐			42.22		P	9.1

172 Yb [No Gas] No available calibration points

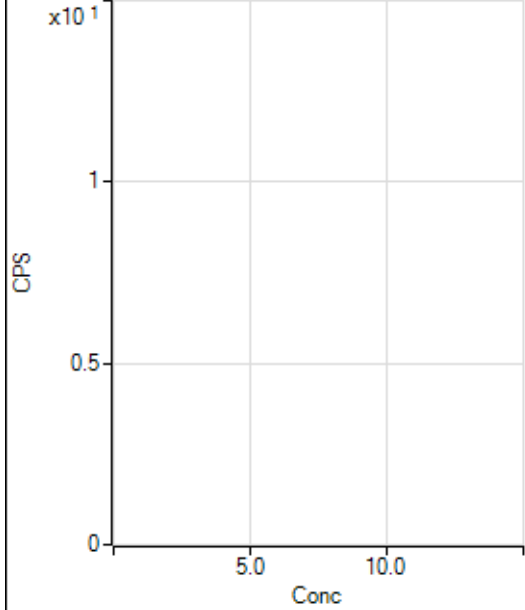
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			55.56		P	34.6
2	☐			30.56		P	110.2
3	☐			52.78		P	24.1
4	☐			58.34		P	37.8
5	☐			72.22		P	29.0
6	☐			97.23		P	47.2
7	☐			166.67		P	20.0
8	☐			363.90		P	10.3

172 Yb [He] No available calibration points

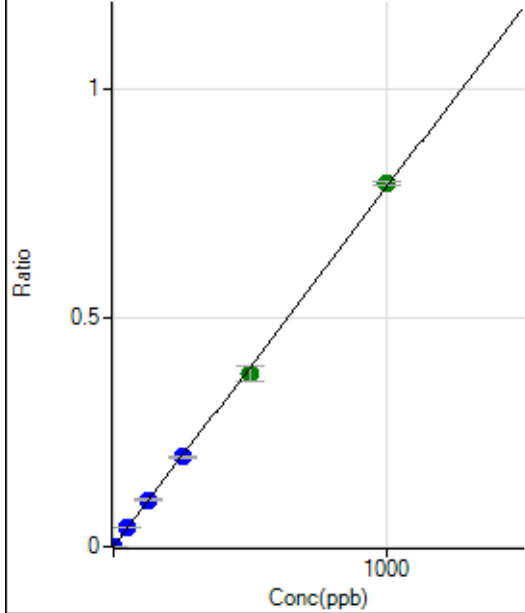
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	20.0
2	☐			29.63		P	28.6
3	☐			33.34		P	44.1
4	☐			33.33		P	33.3
5	☐			40.74		P	43.8
6	☐			66.67		P	14.4
7	☐			101.85		P	11.4
8	☐			214.82		P	12.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1922.42		P	6.2
2	☐			2194.70		P	7.5
3	☐			2905.96		P	4.5
4	☐			4153.56		P	5.9
5	☐			6590.75		P	2.6
6	☐			10846.40		P	2.3
7	☐			19876.64		P	2.6
8	☐			2222.47		P	3.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			10250.43		P	1.4
2	☐			10255.97		P	4.6
3	☐			10871.34		P	9.1
4	☐			11204.96		P	3.0
5	☐			12495.01		P	3.5
6	☐			13655.44		P	3.2
7	☐			19154.92		P	2.5
8	☐			10739.71		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.34	0.0000	P	65.7
2	☐	1.000	0.980	4267.49	0.0008	P	6.1
3	☐	50.000	51.441	224834.38	0.0405	P	0.2
4	☐	125.000	129.216	543065.39	0.1017	P	3.5
5	☐	250.000	248.865	1066781.68	0.1958	P	3.6
6	☐	500.000	480.591	2185643.21	0.3782	A	9.1
7	☐	1000.000	1009.389	4436451.92	0.7942	A	1.2
8	☐			1372.34	0.0003	P	14.8

$$y = 7.8683E-004 * x + 1.0880E-005$$

$$R = 0.9997$$

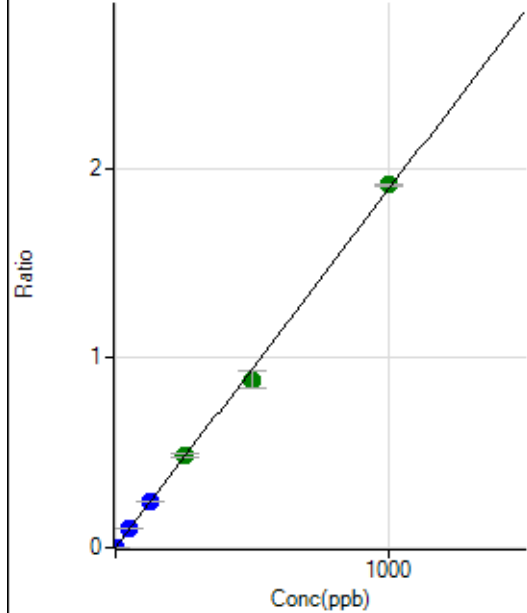
$$DL = 0.02724$$

$$BEC = 0.01383$$

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	155.56	0.0000	P	20.6
2	☐	1.000	0.952	9959.61	0.0018	P	0.6
3	☐	50.000	51.984	544783.04	0.0981	P	0.6
4	☐	125.000	129.871	1309158.62	0.2450	P	1.7
5	☐	250.000	255.592	2626758.00	0.4822	A	3.9
6	☐	500.000	469.662	5119657.02	0.8861	A	9.5
7	☐	1000.000	1013.063	10676870.29	1.9112	A	0.5
8	☐			3759.04	0.0008	P	18.0

$$y = 0.0019 * x + 2.8884E-005$$

$$R = 0.9993$$

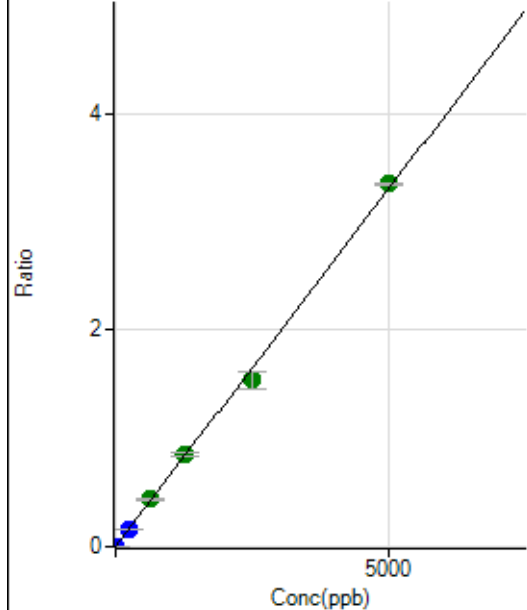
$$DL = 0.009452$$

$$BEC = 0.01531$$

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	370.38	0.0001	P	23.1
2	☐	1.000	0.913	3669.11	0.0007	P	4.3
3	☐	250.000	252.378	927096.55	0.1669	P	0.7
4	☐	625.000	660.078	2331758.67	0.4365	A	2.6
5	☐	1250.000	1284.050	4625977.42	0.8491	A	3.3
6	☐	2500.000	2328.948	8895712.64	1.5399	A	9.8
7	☐	5000.000	5072.510	18735750.42	3.3540	A	0.7
8	☐			6112.67	0.0012	P	7.4

$$y = 6.6119E-004 * x + 6.8891E-005$$

$$R = 0.9991$$

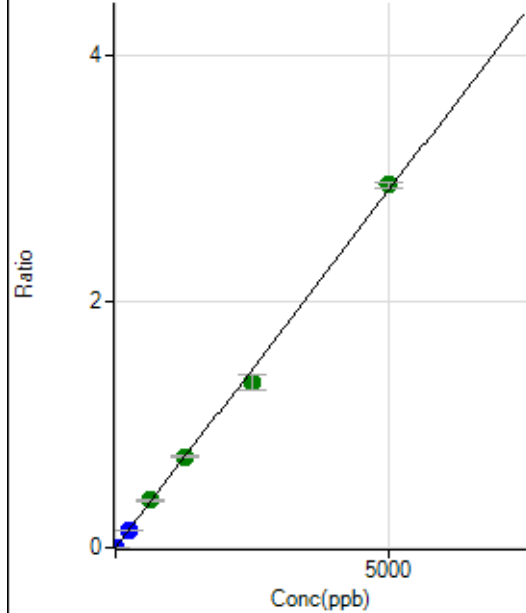
$$DL = 0.07222$$

$$BEC = 0.1042$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	311.12	0.0001	P	10.9
2	☐	1.000	0.939	3283.81	0.0006	P	2.5
3	☐	250.000	254.432	818659.03	0.1474	P	0.6
4	☐	625.000	663.590	2053896.97	0.3844	A	1.3
5	☐	1250.000	1275.873	4026354.37	0.7390	A	3.1
6	☐	2500.000	2315.297	7748332.99	1.3410	A	9.4
7	☐	5000.000	5080.838	16441308.93	2.9428	A	1.7
8	☐			5097.40	0.0010	P	7.6

$$y = 5.7918\text{E-}004 * x + 5.7678\text{E-}005$$

$$R = 0.9989$$

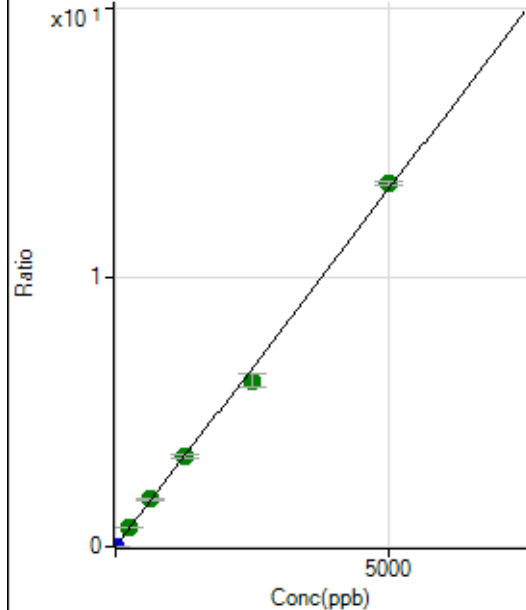
$$DL = 0.03247$$

$$BEC = 0.09959$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1398.21	0.0003	P	7.0
2	☐	1.000	0.936	14981.50	0.0027	P	0.6
3	☐	250.000	259.868	3832479.56	0.6901	A	0.7
4	☐	625.000	659.692	9358849.04	1.7515	A	1.2
5	☐	1250.000	1268.847	18354012.68	3.3685	A	2.7
6	☐	2500.000	2323.451	35655153.69	6.1681	A	8.7
7	☐	5000.000	5078.733	75319375.99	13.4822	A	1.0
8	☐			23964.77	0.0048	P	6.1

$$y = 0.0027 * x + 2.5957\text{E-}004$$

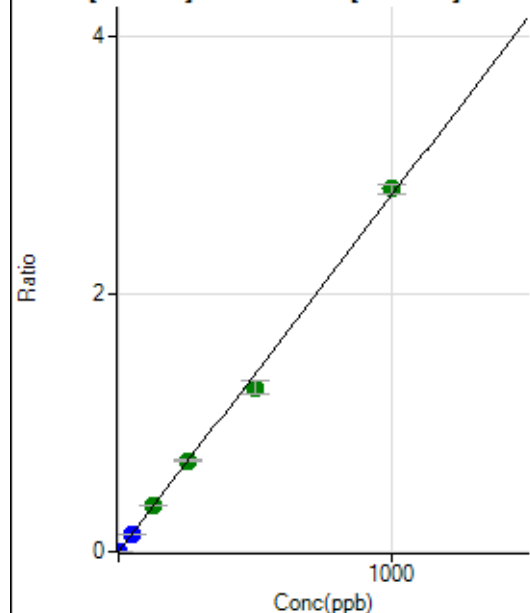
$$R = 0.9990$$

$$DL = 0.02043$$

$$BEC = 0.09778$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.9
2	☐	1.000	0.939	14191.58	0.0026	P	2.0
3	☐	50.000	50.286	772338.06	0.1391	P	0.9
4	☐	125.000	129.159	1908091.71	0.3572	A	2.7
5	☐	250.000	254.851	3840545.35	0.7048	A	2.6
6	☐	500.000	459.742	7351889.75	1.2714	A	8.2
7	☐	1000.000	1018.382	15733816.32	2.8163	A	2.6
8	☐			3050.48	0.0006	P	9.8

$$y = 0.0028 * x + 4.6492E-006$$

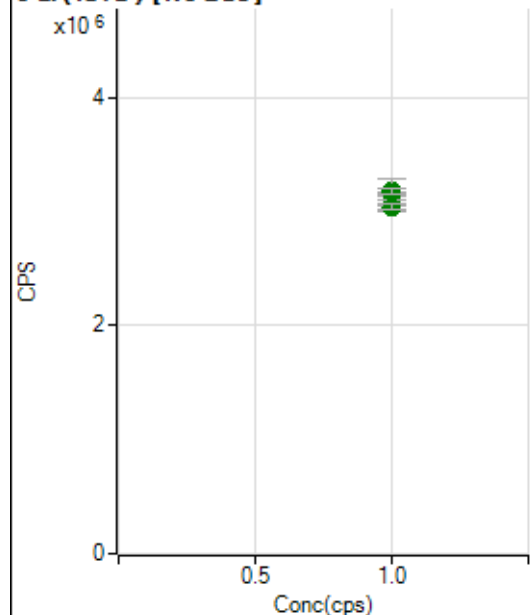
$$R = 0.9988$$

$$DL = 0.001709$$

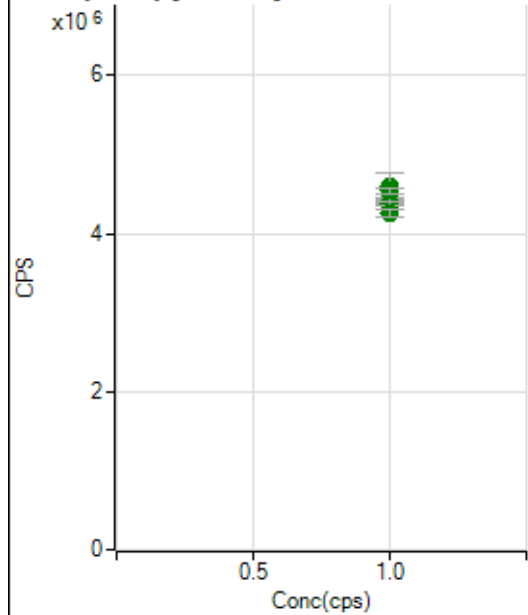
$$BEC = 0.001681$$

Weight: <None>

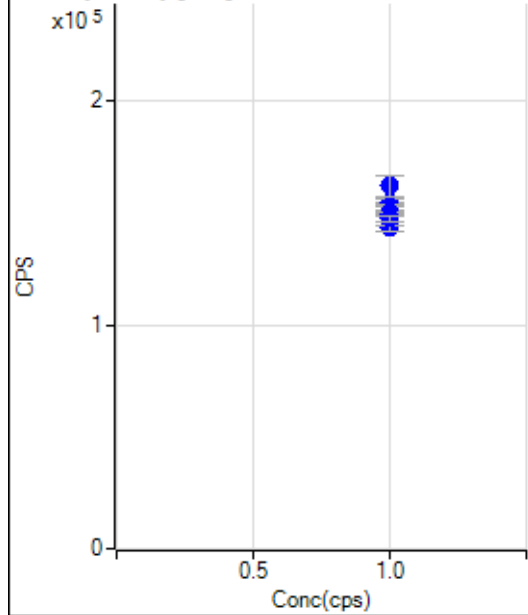
Min Conc: 0

6 Li (ISTD) [No Gas]

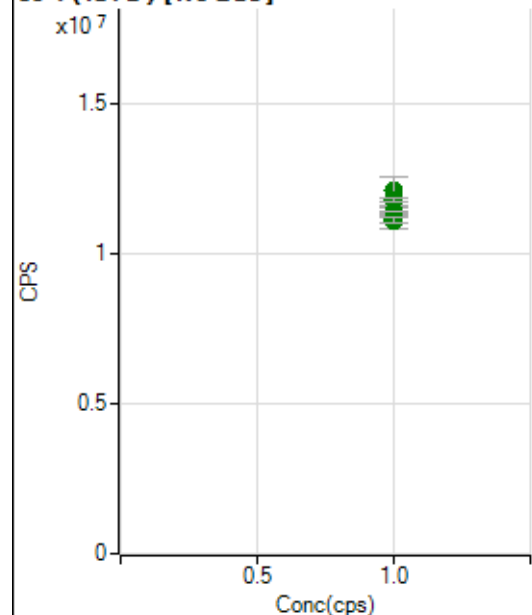
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3131817.04		A	1.9
2	☐	1.000		3170556.45		A	2.0
3	☐	1.000		3154085.56		A	1.2
4	☐	1.000		3055433.78		A	3.7
5	☐	1.000		3075865.94		A	1.5
6	☐	1.000		3181991.61		A	6.9
7	☐	1.000		3176482.71		A	1.3
8	☐	1.000		3042555.42		A	1.7

45 Sc (ISTD) [No Gas]

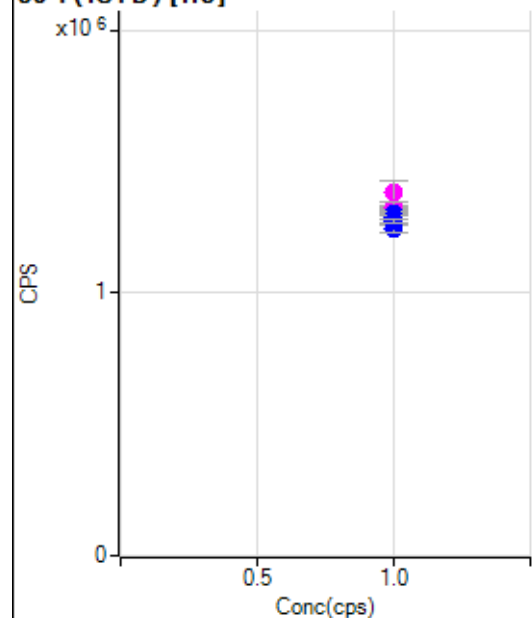
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4415853.37		A	1.4
2	☐	1.000		4415343.44		A	0.7
3	☐	1.000		4434687.89		A	1.2
4	☐	1.000		4320122.57		A	4.6
5	☐	1.000		4374535.11		A	0.9
6	☐	1.000		4592190.11		A	7.6
7	☐	1.000		4542048.75		A	1.3
8	☐	1.000		4257611.95		A	2.5

45 Sc (ISTD) [He]

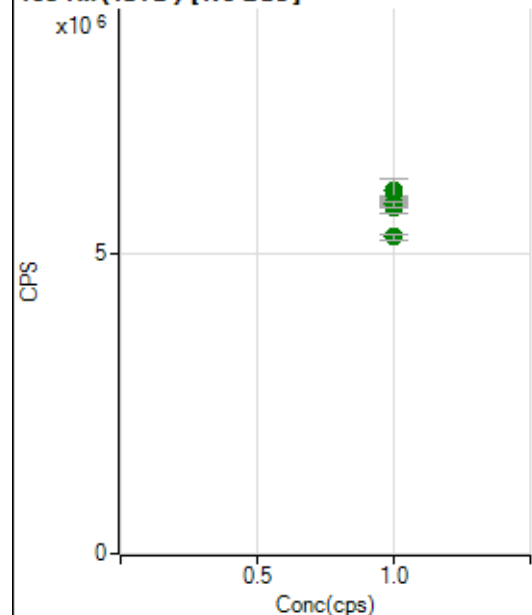
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		153694.13		P	0.7
2	☐	1.000		155024.80		P	1.2
3	☐	1.000		162083.43		P	6.1
4	☐	1.000		153117.22		P	0.5
5	☐	1.000		150435.66		P	1.5
6	☐	1.000		143144.45		P	1.8
7	☐	1.000		149532.33		P	0.8
8	☐	1.000		147471.85		P	1.6

89 Y (ISTD) [No Gas]

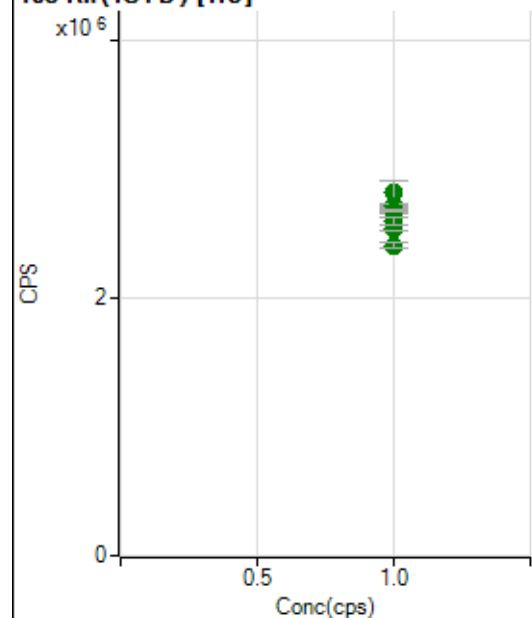
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11170676.15		A	2.4
2	☐	1.000		11338446.64		A	0.5
3	☐	1.000		11598649.55		A	0.2
4	☐	1.000		11126192.54		A	4.8
5	☐	1.000		11425593.99		A	0.1
6	☐	1.000		12116330.24		A	7.8
7	☐	1.000		11791353.71		A	1.0
8	☐	1.000		11139158.31		A	2.2

89 Y (ISTD) [He]

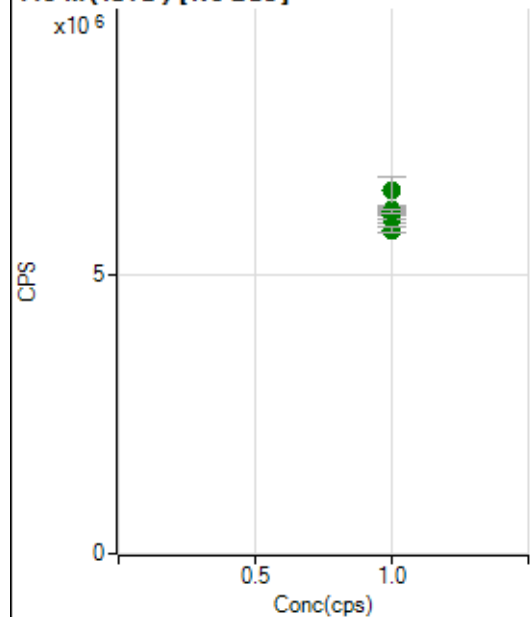
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1318013.02		P	0.5
2	☐	1.000		1320516.64		P	0.7
3	☐	1.000		1381323.41		M	7.0
4	☐	1.000		1328423.31		M	2.9
5	☐	1.000		1305813.11		P	0.4
6	☐	1.000		1242449.62		P	2.3
7	☐	1.000		1290267.69		P	1.0
8	☐	1.000		1272607.75		P	1.3

103 Rh (ISTD) [No Gas]

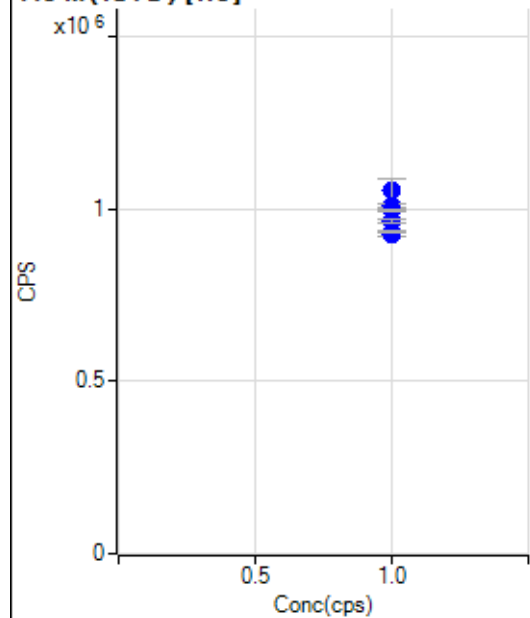
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5893080.25		A	2.6
2	☐	1.000		5836489.89		A	1.4
3	☐	1.000		5913339.54		A	0.9
4	☐	1.000		5781593.97		A	3.3
5	☐	1.000		5840164.15		A	0.6
6	☐	1.000		6051703.17		A	7.1
7	☐	1.000		5828987.54		A	1.5
8	☐	1.000		5281061.31		A	1.6

103 Rh (ISTD) [He]

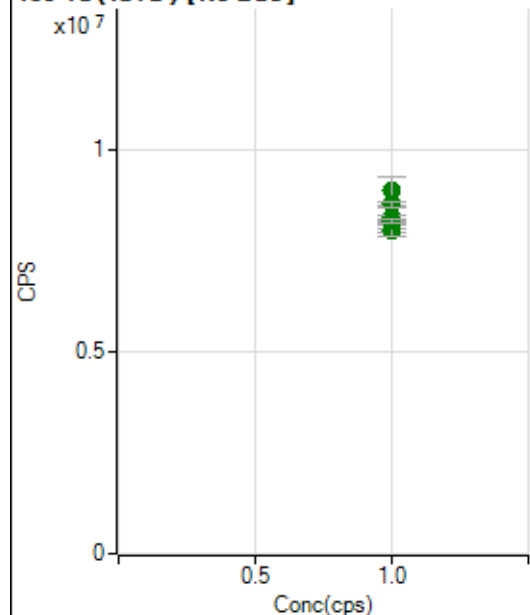
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2691114.54		A	2.0
2	☐	1.000		2690256.97		A	1.7
3	☐	1.000		2820139.44		A	7.0
4	☐	1.000		2721540.32		A	0.7
5	☐	1.000		2680618.73		A	0.8
6	☐	1.000		2547504.11		A	2.2
7	☐	1.000		2604131.49		A	2.5
8	☐	1.000		2412753.89		A	1.7

115 In (ISTD) [No Gas]

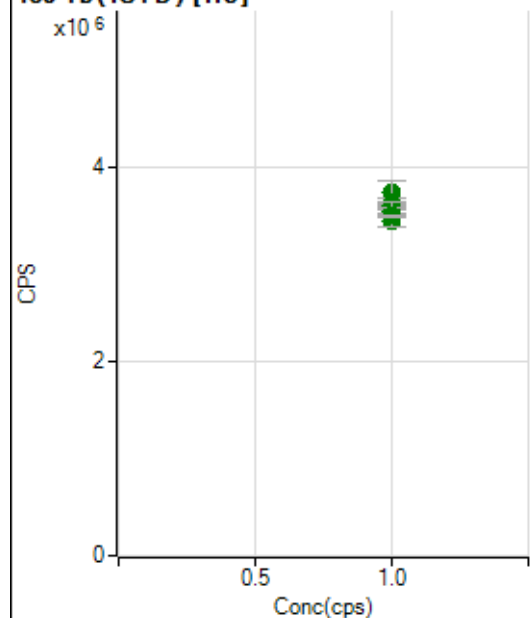
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6148257.97		A	1.8
2	☐	1.000		6116978.17		A	1.0
3	☐	1.000		6193212.94		A	1.5
4	☐	1.000		6097378.71		A	5.3
5	☐	1.000		6028093.53		A	0.1
6	☐	1.000		6524287.34		A	8.0
7	☐	1.000		6151601.89		A	1.4
8	☐	1.000		5822230.75		A	1.7

115 In (ISTD) [He]

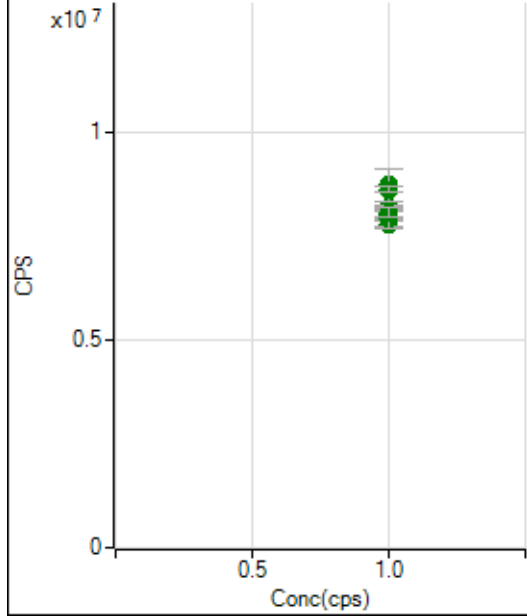
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1000370.82		P	0.5
2	☐	1.000		1005050.00		P	0.4
3	☐	1.000		1052801.73		P	7.1
4	☐	1.000		1007853.65		P	1.3
5	☐	1.000		996198.13		P	0.8
6	☐	1.000		928467.44		P	2.0
7	☐	1.000		966526.72		P	1.3
8	☐	1.000		932519.67		P	0.7

159 Tb (ISTD) [No Gas]

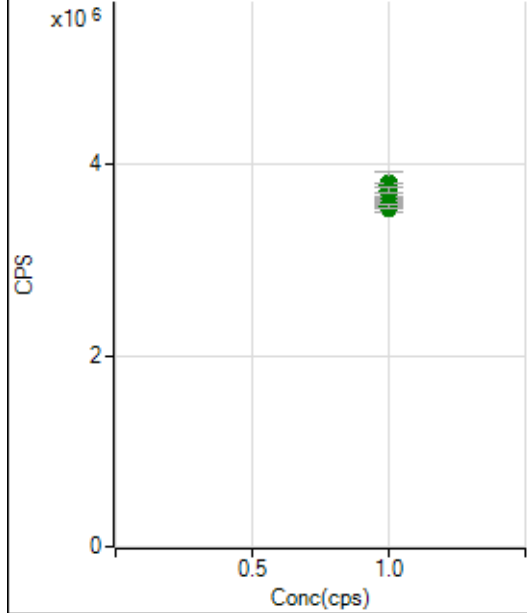
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7993673.70		A	1.6
2	☐	1.000		8204125.22		A	1.7
3	☐	1.000		8308018.21		A	1.8
4	☐	1.000		8006825.85		A	4.3
5	☐	1.000		8221925.23		A	1.3
6	☐	1.000		8978260.63		A	8.2
7	☐	1.000		8640978.62		A	1.4
8	☐	1.000		8232436.19		A	1.2

159 Tb (ISTD) [He]

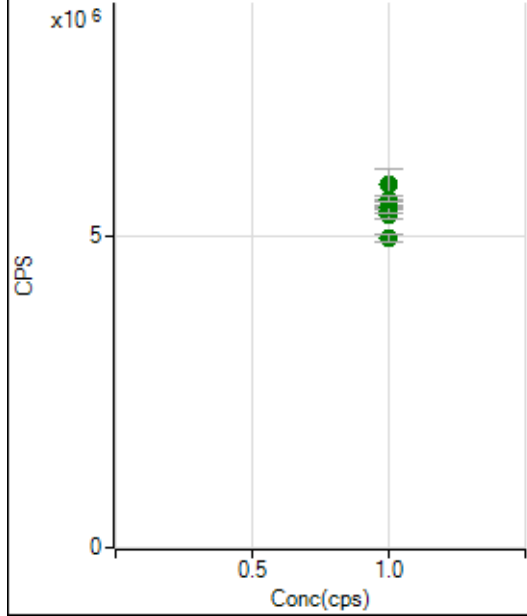
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3537800.19		A	0.8
2	☐	1.000		3504338.42		A	1.3
3	☐	1.000		3731879.80		A	6.4
4	☐	1.000		3637042.03		A	1.9
5	☐	1.000		3625046.55		A	0.3
6	☐	1.000		3438175.26		A	3.1
7	☐	1.000		3609510.99		A	1.8
8	☐	1.000		3492951.41		A	0.4

165 Ho (ISTD) [No Gas]

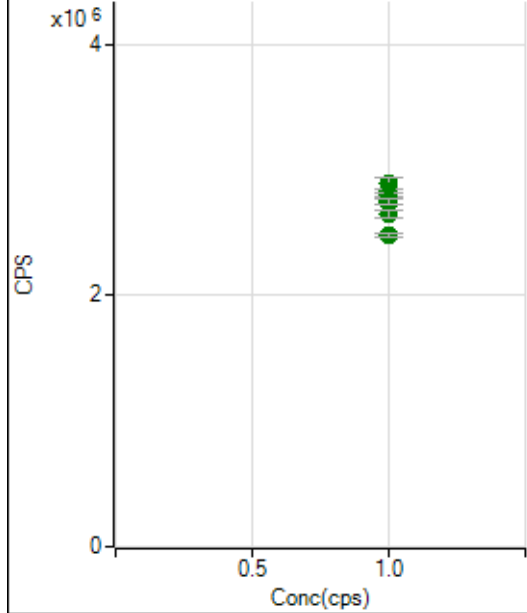
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7782721.18		A	1.7
2	☐	1.000		7992377.00		A	1.8
3	☐	1.000		8024139.24		A	2.5
4	☐	1.000		7880968.14		A	4.9
5	☐	1.000		8157464.42		A	1.8
6	☐	1.000		8719742.21		A	8.7
7	☐	1.000		8604239.51		A	1.5
8	☐	1.000		8063094.28		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3646363.24		A	0.6
2	☐	1.000		3609432.34		A	0.4
3	☐	1.000		3793569.73		A	6.9
4	☐	1.000		3752051.68		A	3.0
5	☐	1.000		3778084.28		A	1.4
6	☐	1.000		3531870.09		A	1.8
7	☐	1.000		3729362.34		A	1.7
8	☐	1.000		3563117.86		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5388722.77		A	1.6
2	☐	1.000		5457565.48		A	0.5
3	☐	1.000		5553288.32		A	0.8
4	☐	1.000		5344630.06		A	3.0
5	☐	1.000		5451917.00		A	3.3
6	☐	1.000		5811902.69		A	9.3
7	☐	1.000		5586403.46		A	1.4
8	☐	1.000		4959027.91		A	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2792334.85		A	1.6
2	☐	1.000		2744281.87		A	1.6
3	☐	1.000		2885937.70		A	3.3
4	☐	1.000		2834760.41		A	1.2
5	☐	1.000		2795728.60		A	1.2
6	☐	1.000		2641510.45		A	2.4
7	☐	1.000		2748739.82		A	1.8
8	☐	1.000		2475149.77		A	1.3