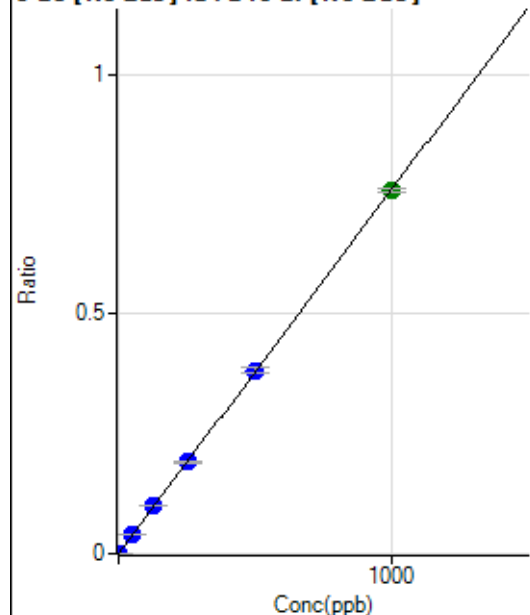


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8110223 MS.b\
Analysis File: P8110223 MS.batch.bin
DA Date-Time: 2023-11-02 15:27:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-02 12:18:22
2	006CALS.d	S02	2023-11-02 12:25:14
3	007CALS.d	S03	2023-11-02 12:28:38
4	008CALS.d	S04	2023-11-02 12:31:56
5	009CALS.d	S05	2023-11-02 12:35:02
6	010CALS.d	S06	2023-11-02 12:38:06
7	011CALS.d	S07	2023-11-02 12:41:07
8	012CALS.d	S08	2023-11-02 12:44:11

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.82	0.0000	P	2.7
2	☐	1.000	1.007	1775.72	0.0008	P	1.6
3	☐	50.000	51.334	88470.56	0.0390	P	2.2
4	☐	125.000	132.215	209375.58	0.1005	P	2.2
5	☐	250.000	251.249	388548.26	0.1910	P	0.8
6	☐	500.000	503.978	744111.82	0.3831	P	2.6
7	☐	1000.000	996.730	1441100.18	0.7576	A	1.0
8	☐			512.86	0.0003	P	4.4

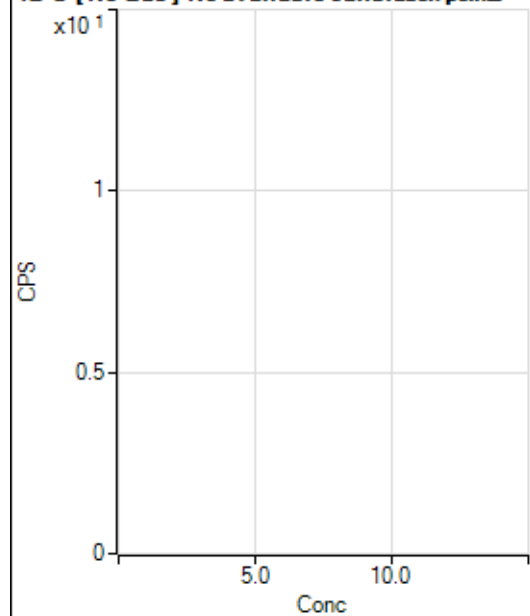
$$y = 7.6009\text{E-}004 * x + 2.6758\text{E-}005$$

$$R = 1.0000$$

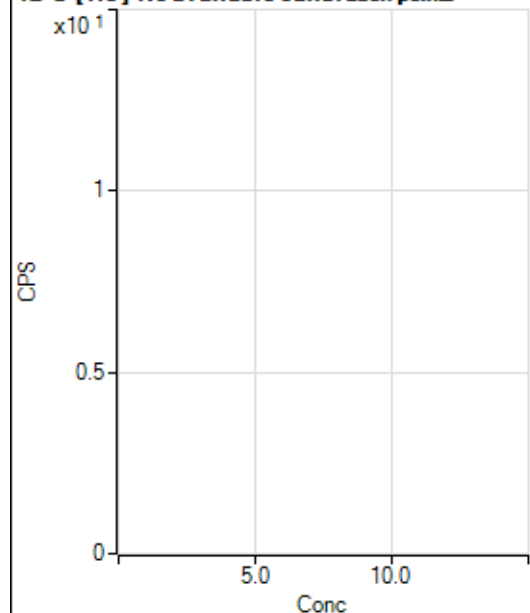
$$DL = 0.002871$$

Weight: <None>

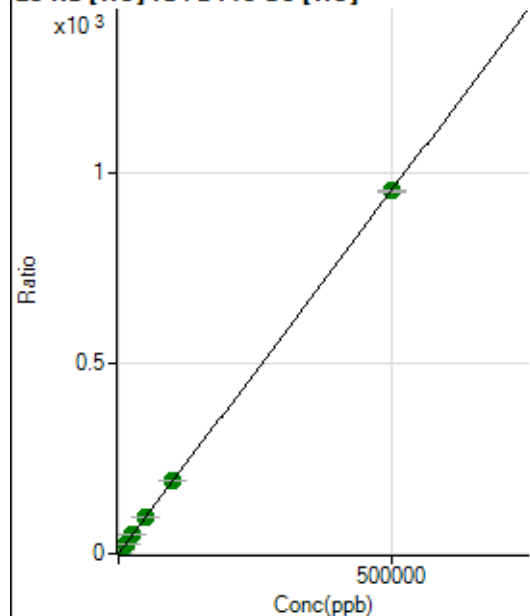
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2381906.89		A	1.0
2	☐			2262863.87		A	0.4
3	☐			2239299.76		A	0.5
4	☐			2196257.12		A	0.5
5	☐			2108588.89		A	1.0
6	☐			2177169.64		A	0.4
7	☐			2411927.17		A	3.4
8	☐			2194148.23		A	4.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32395.76		P	0.4
2	☐			30631.96		P	1.1
3	☐			29612.09		P	0.6
4	☐			29641.06		P	0.8
5	☐			29016.51		P	0.7
6	☐			30877.99		P	0.5
7	☐			35921.67		P	1.2
8	☐			38055.84		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24861.27	0.1594	P	1.0
2	☐	500.000	470.453	165160.00	1.0579	P	0.9
3	☐	5000.000	5116.435	1490419.94	9.9313	A	0.6
4	☐	12500.000	13120.802	3493676.02	25.2189	A	0.6
5	☐	25000.000	26410.466	6549897.19	50.6008	A	4.5
6	☐	50000.000	51341.647	12741870.64	98.2169	A	0.3
7	☐	100000.00	100807.38	25438956.01	192.6916	A	1.1
8	☐	500000.00	499617.18	139153469.0	954.3792	A	0.9

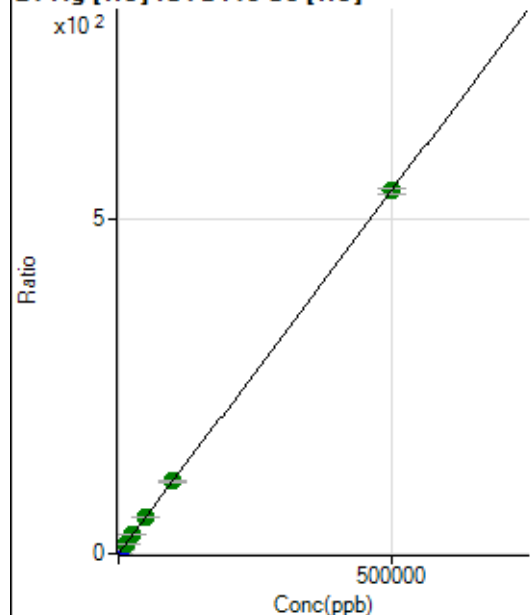
$$y = 0.0019 * x + 0.1594$$

$$R = 1.0000$$

$$DL = 2.479$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0008	P	2.9
2	☐	500.000	471.637	80165.67	0.5135	P	0.7
3	☐	5000.000	5115.629	834619.30	5.5617	P	1.7
4	☐	12500.000	13070.734	1968291.45	14.2092	A	0.8
5	☐	25000.000	26283.215	3697675.92	28.5716	A	5.2
6	☐	50000.000	50463.495	7116830.94	54.8565	A	1.4
7	☐	100000.00	99782.125	14318654.51	108.4677	A	1.8
8	☐	500000.00	499917.66	79226340.49	543.4298	A	1.8

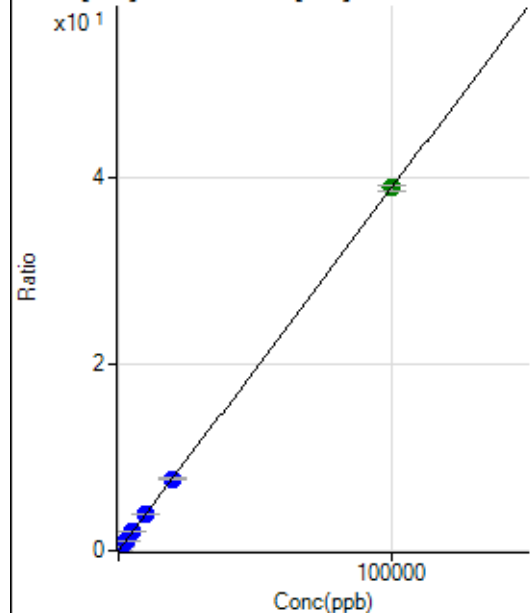
$$y = 0.0011 * x + 7.9797E-004$$

$$R = 1.0000$$

$$DL = 0.06339$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0007	P	9.9
2	☐	20.000	16.751	1132.28	0.0073	P	7.0
3	☐	1000.000	1016.636	59361.82	0.3956	P	1.3
4	☐	2500.000	2547.042	137134.34	0.9899	P	0.6
5	☐	5000.000	5185.007	260776.31	2.0143	P	4.0
6	☐	10000.000	10035.269	505693.94	3.8979	P	0.6
7	☐	20000.000	19851.272	1017769.26	7.7099	P	1.9
8	☐	100000.00	100015.62	5662872.97	38.8414	A	1.3

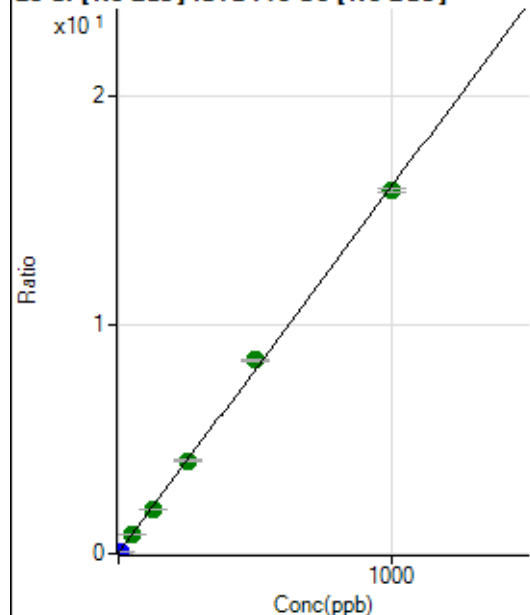
$$y = 3.8835E-004 * x + 7.4796E-004$$

$$R = 1.0000$$

$$DL = 0.5747$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172866.49	0.0416	P	2.4
2	☐	10.000	0.298	195472.95	0.0464	P	0.6
3	☐	50.000	51.205	3525142.93	0.8616	A	0.8
4	☐	125.000	118.328	7539421.97	1.9364	A	1.3
5	☐	250.000	250.429	15102655.05	4.0517	A	1.7
6	☐	500.000	525.397	30045555.94	8.4547	A	1.4
7	☐	1000.000	988.065	56566785.82	15.8633	A	1.0
8	☐			375391.62	0.1056	P	1.9

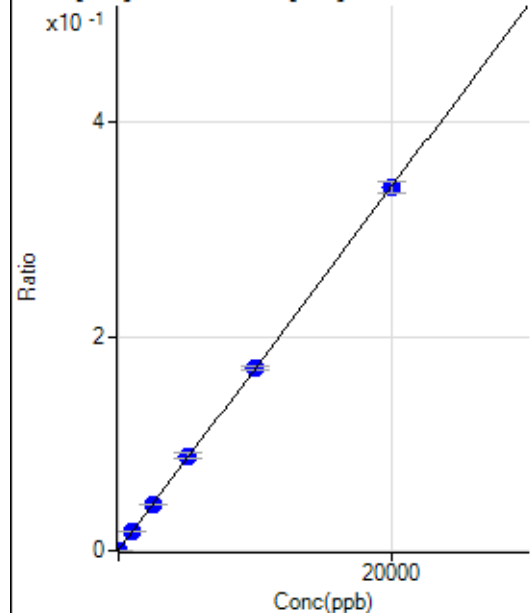
$$y = 0.0160 * x + 0.0416$$

$$R = 0.9994$$

$$DL = 0.1908$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.560	50.00	0.0003	P	40.8
2	☐	0.000	12.560	116.67	0.0007	P	21.4
3	☐	1000.000	1015.500	2665.83	0.0178	P	3.2
4	☐	2500.000	2525.127	6009.07	0.0434	P	1.3
5	☐	5000.000	5178.575	11437.94	0.0884	P	5.6
6	☐	10000.000	10037.474	22162.58	0.1708	P	2.2
7	☐	20000.000	19932.703	44705.39	0.3387	P	3.1
8	☐			111.11	0.0008	P	22.6

$$y = 1.6965E-005 * x + 5.3400E-004$$

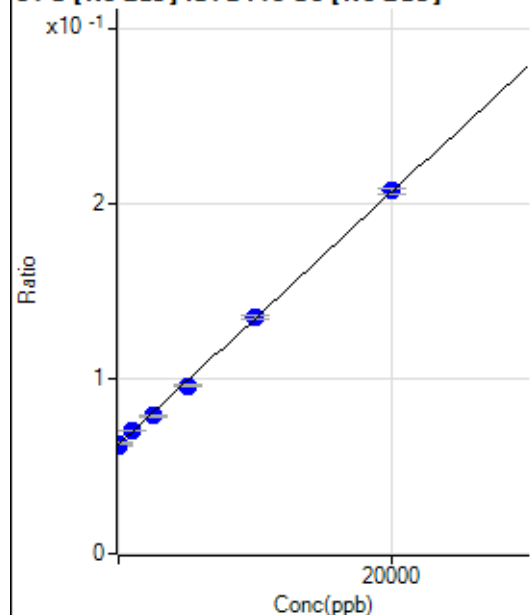
$$R = 1.0000$$

$$DL = 25.73$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-74.894	257040.13	0.0619	P	3.0
2	☐	0.000	74.894	265319.42	0.0630	P	0.6
3	☐	1000.000	1087.431	287639.81	0.0703	P	0.1
4	☐	2500.000	2244.130	306156.80	0.0786	P	1.8
5	☐	5000.000	4628.732	357209.94	0.0958	P	1.5
6	☐	10000.000	10083.722	480335.43	0.1352	P	1.3
7	☐	20000.000	20078.568	738832.21	0.2072	P	1.5
8	☐			228698.86	0.0643	P	2.6

$$y = 7.2101\text{E-}006 * x + 0.0625$$

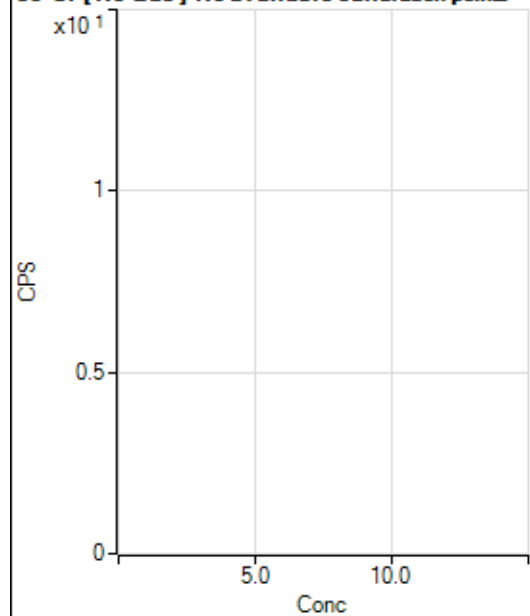
$$R = 0.9997$$

$$DL = 475$$

Weight: <None>

Min Conc: 0

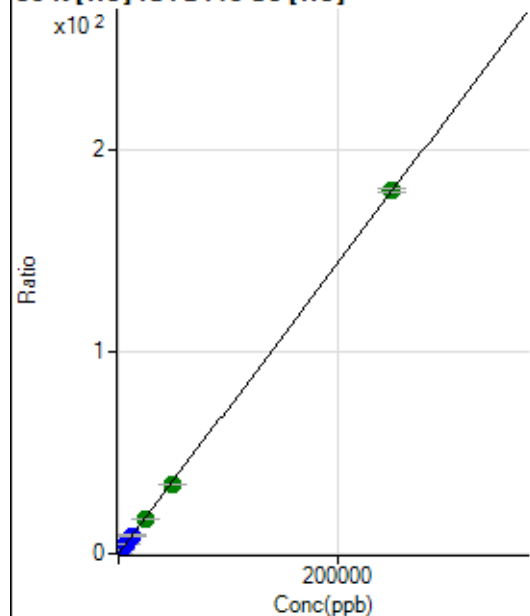
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47537.70		P	0.5
2	☐			52357.61		P	1.1
3	☐			72794.22		P	1.0
4	☐			71901.88		P	0.2
5	☐			67353.40		P	0.6
6	☐			68187.37		P	1.3
7	☐			75414.15		P	2.6
8	☐			70488.38		P	2.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			402.23		P	2.9
2	☐			433.35		P	8.0
3	☐			565.57		P	7.6
4	☐			592.24		P	10.0
5	☐			554.46		P	6.9
6	☐			518.91		P	2.7
7	☐			643.36		P	12.4
8	☐			691.14		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8702.70	0.0558	P	0.4
2	☐	500.000	453.254	59407.08	0.3805	P	0.6
3	☐	2500.000	2443.026	271036.61	1.8061	P	0.5
4	☐	6250.000	6182.235	621277.40	4.4850	P	0.8
5	☐	12500.000	12487.699	1165440.85	9.0024	P	4.0
6	☐	25000.000	24355.907	2271033.49	17.5052	A	1.0
7	☐	50000.000	47728.299	4521150.21	34.2499	A	2.3
8	☐	250000.00	250521.72	26178000.45	179.5376	A	1.2

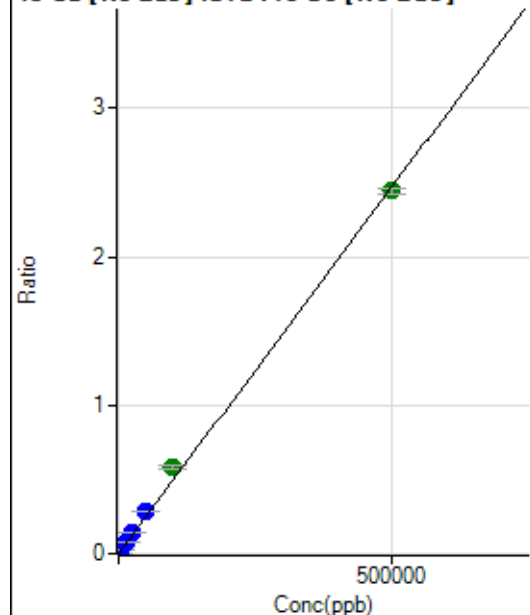
$$y = 7.1643\text{E-}004 * x + 0.0558$$

$$R = 1.0000$$

$$DL = 0.857$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.00	0.0000	P	14.4
2	☐	500.000	455.937	9663.33	0.0023	P	2.9
3	☐	5000.000	5902.117	119309.04	0.0292	P	0.6
4	☐	12500.000	14570.316	279991.84	0.0719	P	1.7
5	☐	25000.000	28423.615	522725.92	0.1403	P	2.4
6	☐	50000.000	57313.211	1004868.48	0.2828	P	1.2
7	☐	100000.00	118263.54	2080156.27	0.5834	A	2.5
8	☐	500000.00	495384.05	8690069.03	2.4436	A	1.7

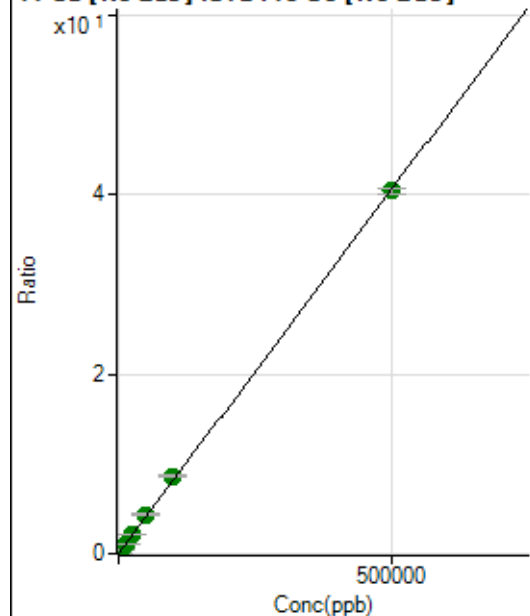
$$y = 4.9327E-006 * x + 4.5677E-005$$

$$R = 0.9992$$

$$DL = 4.003$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40070.46	0.0097	P	2.8
2	☐	500.000	457.681	196970.13	0.0468	P	1.1
3	☐	5000.000	5512.034	1868506.90	0.4567	A	0.5
4	☐	12500.000	13598.523	4331938.48	1.1125	A	0.2
5	☐	25000.000	26694.727	8106950.22	2.1745	A	1.1
6	☐	50000.000	53840.968	15551954.63	4.3761	A	1.6
7	☐	100000.00	106544.76	30841262.87	8.6503	A	1.6
8	☐	500000.00	498189.67	143720611.1	40.4120	A	1.7

$$y = 8.1098E-005 * x + 0.0097$$

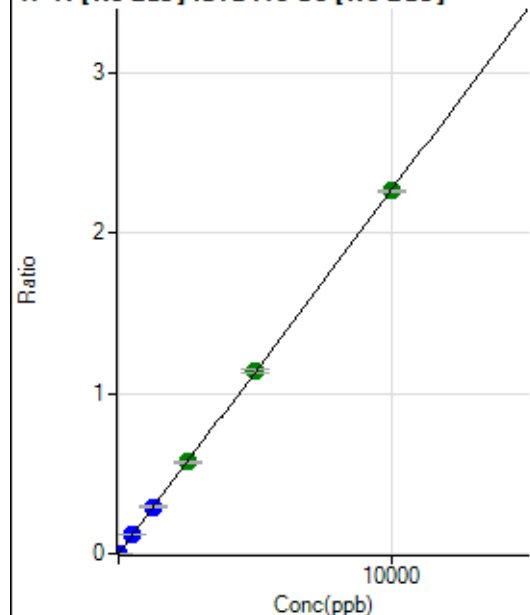
$$R = 0.9999$$

$$DL = 10.14$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.67	0.0000	P	6.1
2	☐	5.000	4.834	4698.58	0.0011	P	2.4
3	☐	500.000	515.246	477510.54	0.1167	P	0.9
4	☐	1250.000	1293.073	1140319.93	0.2929	P	0.8
5	☐	2500.000	2520.599	2127783.93	0.5709	A	1.8
6	☐	5000.000	5020.88	4040305.15	1.1369	A	1.3
7	☐	10000.000	9978.660	8057980.99	2.2599	A	0.3
8	☐			3917.97	0.0011	P	32.1

$$y = 2.2647E-004 * x + 2.0865E-005$$

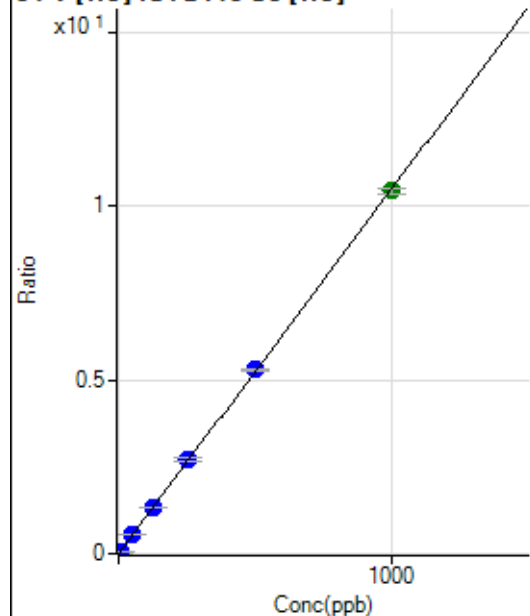
$$R = 1.0000$$

$$DL = 0.01678$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0001	P	42.6
2	☐	5.000	4.727	7754.39	0.0497	P	1.6
3	☐	50.000	50.532	79471.37	0.5296	P	1.3
4	☐	125.000	128.152	186002.23	1.3428	P	1.4
5	☐	250.000	258.152	350076.45	2.7048	P	4.8
6	☐	500.000	504.047	685128.02	5.2810	P	0.6
7	☐	1000.000	995.519	1376971.75	10.4301	A	1.4
8	☐			1605.13	0.0110	P	42.6

$$y = 0.0105 * x + 1.4949E-004$$

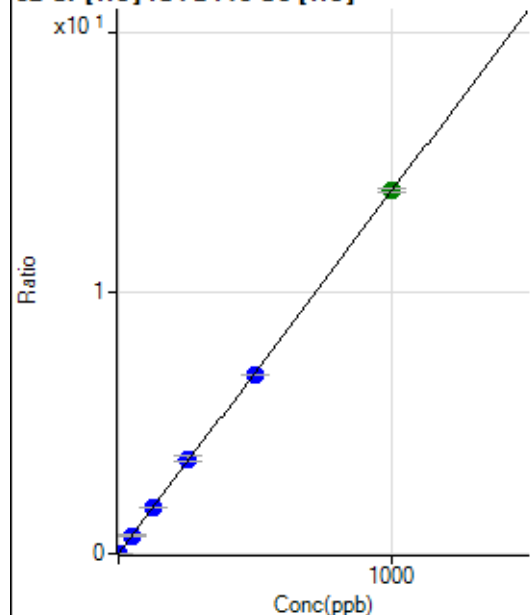
$$R = 0.9999$$

$$DL = 0.01823$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1122.28	0.0072	P	5.7
2	☐	2.000	1.848	5134.31	0.0329	P	2.1
3	☐	50.000	49.815	105035.51	0.6999	P	1.0
4	☐	125.000	129.043	249585.16	1.8016	P	0.4
5	☐	250.000	261.838	472132.93	3.6482	P	5.2
6	☐	500.000	491.703	887975.21	6.8447	P	0.5
7	☐	1000.000	1000.693	1838087.09	13.9225	A	1.0
8	☐			11315.67	0.0777	P	9.9

$$y = 0.0139 * x + 0.0072$$

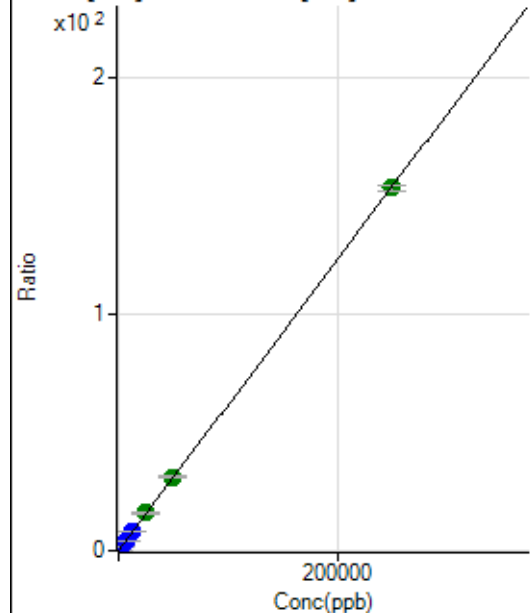
$$R = 0.9999$$

$$DL = 0.08892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	481.12	0.0031	P	11.4
2	☐	50.000	48.664	5138.75	0.0329	P	1.7
3	☐	2500.000	2579.308	237743.85	1.5842	P	0.9
4	☐	6250.000	6601.112	560989.39	4.0496	P	1.4
5	☐	12500.000	13379.116	1062124.38	8.2046	P	4.2
6	☐	25000.000	25855.962	2056638.79	15.8531	A	1.3
7	☐	50000.000	50706.896	4104227.79	31.0870	A	1.2
8	☐	250000.00	249719.49	22321758.00	153.0840	A	1.5

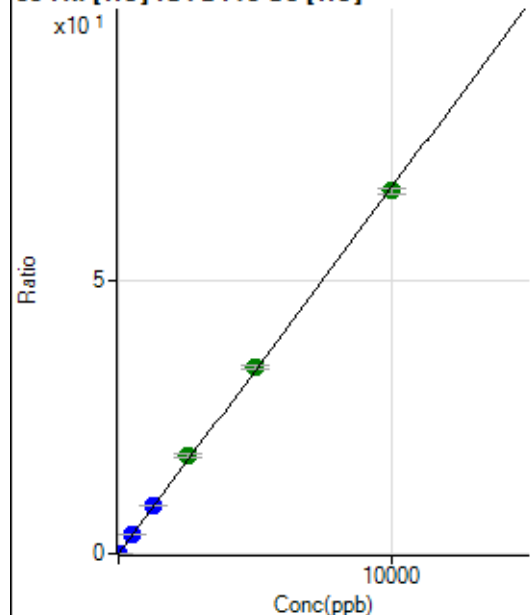
$$y = 6.1301E-004 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 1.716$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0004	P	11.4
2	☐	1.000	0.895	997.82	0.0064	P	2.0
3	☐	500.000	511.494	515144.70	3.4327	P	0.8
4	☐	1250.000	1297.877	1206520.08	8.7097	P	0.5
5	☐	2500.000	2671.641	2321132.62	17.9282	A	3.8
6	☐	5000.000	5089.640	4430767.29	34.1539	A	1.4
7	☐	10000.000	9905.710	8775447.02	66.4716	A	1.3
8	☐			9190.60	0.0633	P	48.7

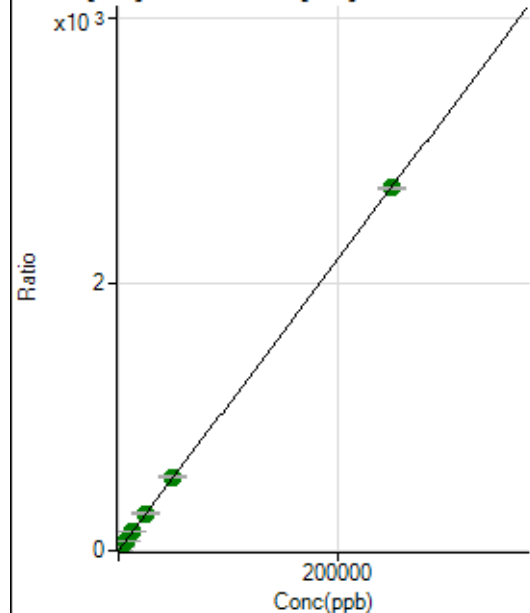
$$y = 0.0067 * x + 3.8484E-004$$

$$R = 0.9998$$

$$DL = 0.01967$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4715.27	0.0302	P	3.6
2	☐	50.000	48.503	87292.75	0.5591	P	0.5
3	☐	2500.000	2633.690	4314586.64	28.7502	A	0.3
4	☐	6250.000	6672.655	10083780.75	72.7945	A	0.9
5	☐	12500.000	13401.945	18922330.14	146.1763	A	4.3
6	☐	25000.000	25812.626	36521149.46	281.5127	A	1.1
7	☐	50000.000	50446.275	72618788.36	550.1386	A	2.5
8	☐	250000.00	249772.48	397117954.0	2,723.758	A	0.5

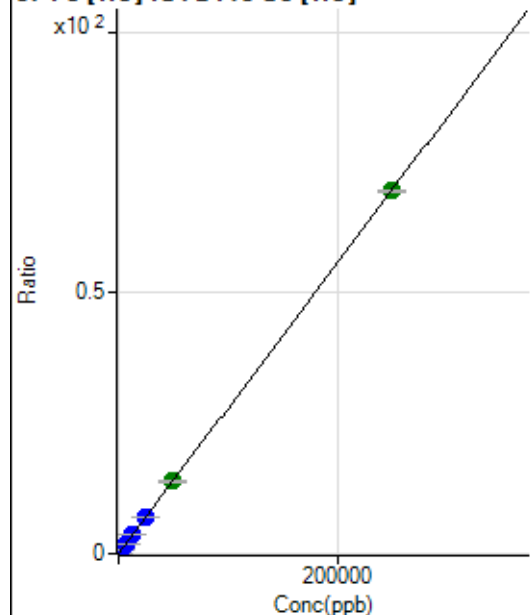
$$y = 0.0109 * x + 0.0302$$

$$R = 1.0000$$

$$DL = 0.3021$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	182.23	0.0012	P	4.9
2	☐	50.000	50.184	2363.56	0.0151	P	6.6
3	☐	2500.000	2539.506	106274.58	0.7082	P	1.0
4	☐	6250.000	6529.953	252004.40	1.8191	P	0.4
5	☐	12500.000	13139.363	473627.26	3.6592	P	4.7
6	☐	25000.000	25262.967	912617.96	7.0344	P	0.8
7	☐	50000.000	50207.039	1845327.56	13.9789	A	2.3
8	☐	250000.00	249892.93	10143950.89	69.5721	A	0.9

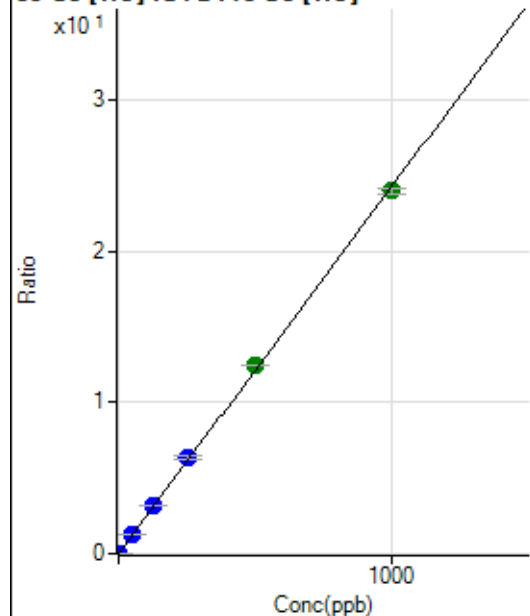
$$y = 2.7840\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.6137$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0004	P	7.1
2	☐	1.000	0.986	3801.65	0.0244	P	3.9
3	☐	50.000	51.471	187471.68	1.2493	P	1.6
4	☐	125.000	129.377	434912.27	3.1394	P	0.6
5	☐	250.000	261.700	821934.43	6.3499	P	4.5
6	☐	500.000	514.816	1620505.86	12.4911	A	0.3
7	☐	1000.000	989.046	3167979.85	23.9971	A	1.3
8	☐			5059.66	0.0348	P	19.5

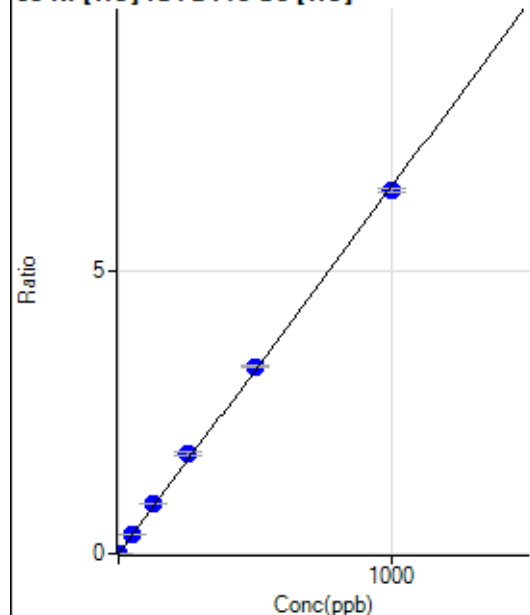
$$y = 0.0243 * x + 4.4167\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.003875$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0003	P	47.0
2	☐	1.000	1.007	1065.61	0.0068	P	5.5
3	☐	50.000	52.698	51294.20	0.3418	P	0.6
4	☐	125.000	135.622	121792.54	0.8792	P	0.1
5	☐	250.000	270.648	227114.13	1.7542	P	3.8
6	☐	500.000	509.871	428681.26	3.3045	P	1.5
7	☐	1000.000	988.440	845685.55	6.4058	P	1.0
8	☐			2580.29	0.0177	P	7.5

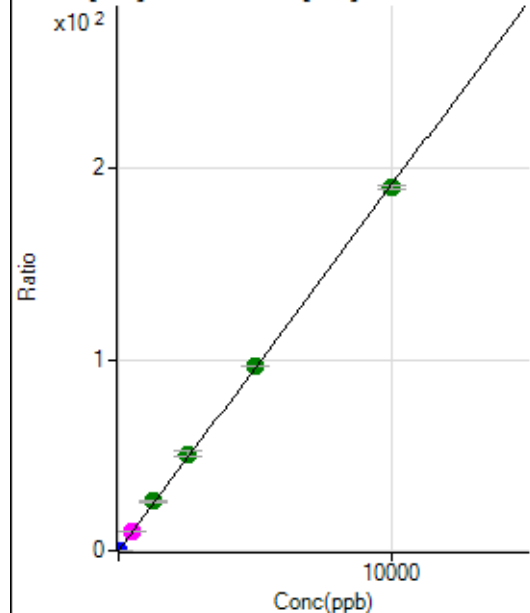
$$y = 0.0065 * x + 2.9936E-004$$

$$R = 0.9997$$

$$DL = 0.06518$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	542.24	0.0035	P	3.7
2	☐	2.000	1.866	6119.15	0.0392	P	2.4
3	☐	500.000	520.430	1495465.36	9.9651	M	0.5
4	☐	1250.000	1343.150	3561859.01	25.7129	A	0.7
5	☐	2500.000	2645.043	6553075.18	50.6326	A	4.9
6	☐	5000.000	5059.313	12564026.90	96.8445	A	0.5
7	☐	10000.000	9921.418	25071646.85	189.9107	A	1.2
8	☐			14546.08	0.1001	P	40.8

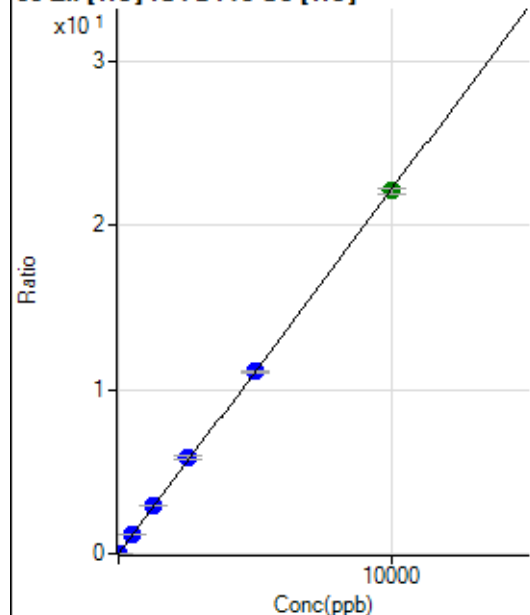
$$y = 0.0191 * x + 0.0035$$

$$R = 0.9998$$

$$DL = 0.02005$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.35	0.0033	P	13.9
2	☐	2.000	1.906	1173.40	0.0075	P	4.0
3	☐	500.000	511.064	170517.97	1.1363	P	1.1
4	☐	1250.000	1305.152	401273.46	2.8967	P	1.0
5	☐	2500.000	2624.464	753476.23	5.8215	P	4.8
6	☐	5000.000	4996.086	1437363.05	11.0791	P	1.0
7	☐	10000.000	9963.394	2916388.26	22.0911	A	1.3
8	☐			7180.98	0.0493	P	7.7

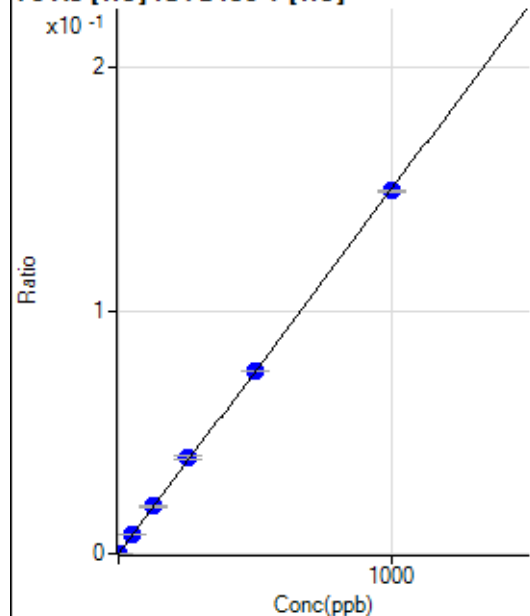
$$y = 0.0022 * x + 0.0033$$

$$R = 0.9999$$

$$DL = 0.6178$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	1.000	0.995	178.89	0.0002	P	8.1
3	☐	50.000	51.209	8761.68	0.0077	P	1.5
4	☐	125.000	129.200	20646.35	0.0194	P	1.2
5	☐	250.000	264.603	39184.39	0.0397	P	4.4
6	☐	500.000	501.526	74630.80	0.0752	P	0.7
7	☐	1000.000	995.001	150299.99	0.1492	P	0.3
8	☐			95.56	0.0001	P	28.7

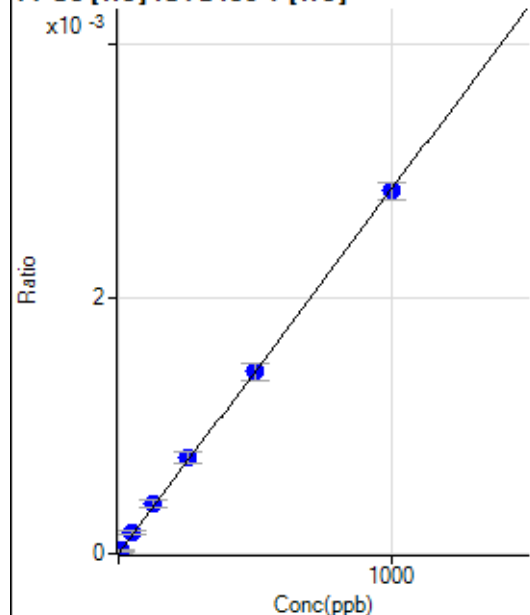
$$y = 1.4997E-004 * x + 1.8706E-006$$

$$R = 0.9999$$

$$DL = 0.06481$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	8.542	30.00	0.0000	P	33.6
3	☐	50.000	58.011	190.00	0.0002	P	10.8
4	☐	125.000	136.324	415.57	0.0004	P	13.5
5	☐	250.000	263.474	743.36	0.0008	P	12.1
6	☐	500.000	498.498	1414.53	0.0014	P	8.7
7	☐	1000.000	995.549	2865.89	0.0028	P	5.0
8	☐			11.11	0.0000	P	18.9

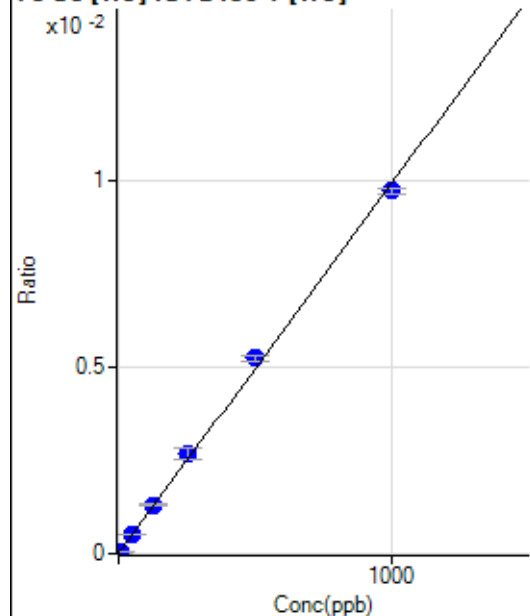
$$y = 2.8577E-006 * x + 9.3387E-007$$

R = 0.9999

DL = 1.698

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	56.6
2	☐	5.000	5.104	70.00	0.0001	P	13.0
3	☐	50.000	53.530	615.58	0.0005	P	0.6
4	☐	125.000	130.992	1394.53	0.0013	P	3.2
5	☐	250.000	268.996	2639.16	0.0027	P	10.3
6	☐	500.000	527.961	5206.57	0.0052	P	2.3
7	☐	1000.000	980.345	9807.95	0.0097	P	1.3
8	☐			97.78	0.0001	P	18.3

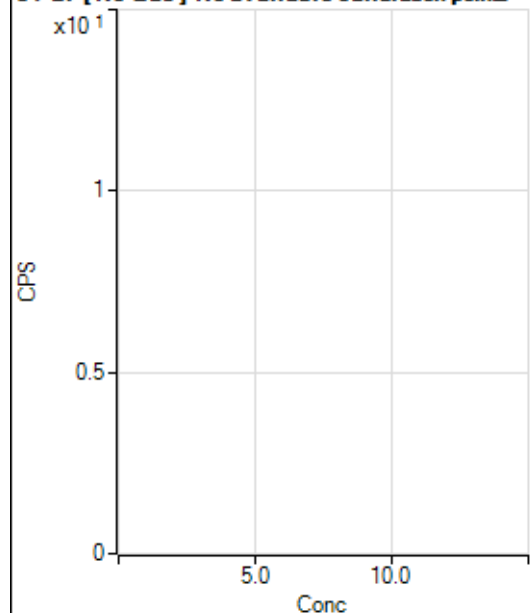
$$y = 9.9237E-006 * x + 8.4822E-006$$

R = 0.9992

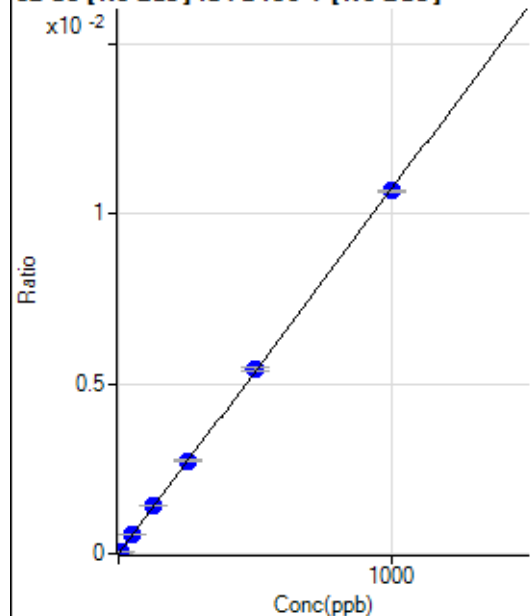
DL = 1.451

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2381.34		P	5.9
2	☐			2243.54		P	4.0
3	☐			1953.49		P	3.9
4	☐			1756.80		P	4.0
5	☐			1574.55		P	4.2
6	☐			1645.67		P	9.4
7	☐			1735.68		P	2.0
8	☐			4289.59		P	12.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-6.67	0.0000	P	-898.
2	☐	5.000	4.946	524.46	0.0001	P	11.3
3	☐	50.000	52.826	5546.79	0.0006	P	2.6
4	☐	125.000	132.732	13277.65	0.0014	P	1.4
5	☐	250.000	254.929	24574.17	0.0027	P	1.7
6	☐	500.000	505.529	47363.87	0.0054	P	2.4
7	☐	1000.000	994.896	93155.18	0.0107	P	0.5
8	☐			600.02	0.0001	P	1.9

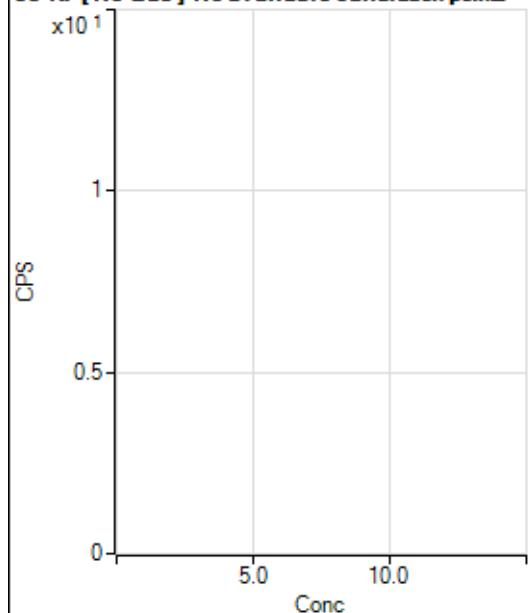
$$y = 1.0724\text{E-}005 * x - 7.1959\text{E-}007$$

$$R = 0.9999$$

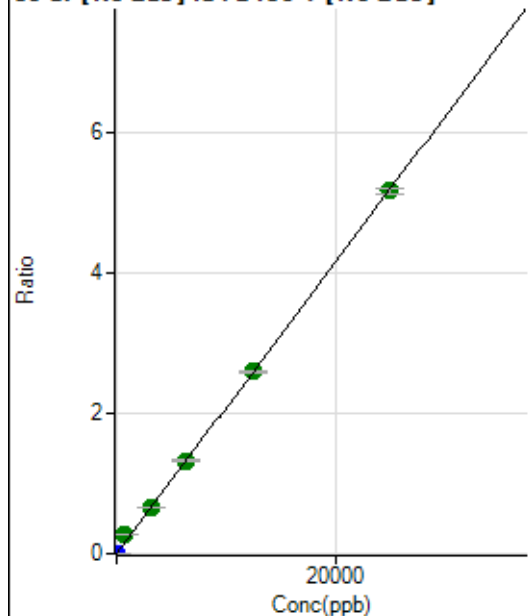
$$DL = 1.809$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			204.45		P	22.9
2	☐			185.56		P	17.6
3	☐			211.11		P	11.6
4	☐			172.22		P	9.7
5	☐			166.67		P	7.2
6	☐			173.34		P	3.8
7	☐			181.12		P	13.3
8	☐			165.56		P	19.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.57	0.0000	P	9.1
2	☐	1.000	0.887	2275.77	0.0002	P	4.6
3	☐	625.000	1298.175	2638909.52	0.2692	A	1.0
4	☐	3125.000	3208.104	6206367.06	0.6651	A	1.0
5	☐	6250.000	6380.707	11893261.63	1.3228	A	1.4
6	☐	12500.000	12505.110	22653434.11	2.5924	A	1.4
7	☐	25000.000	24937.551	45133979.33	5.1697	A	1.9
8	☐			14725.62	0.0017	P	22.5

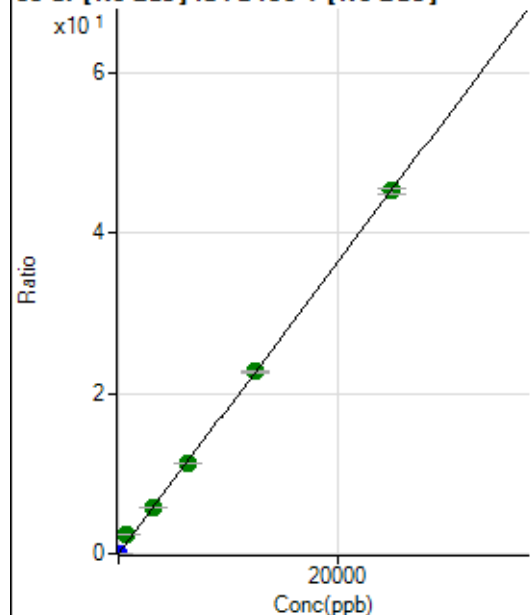
$$y = 2.0731\text{E-}004 * x + 4.2983\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.05667$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	914.49	0.0001	P	21.5
2	☐	1.000	0.909	17429.88	0.0017	P	2.1
3	☐	625.000	1268.701	22533394.66	2.2984	A	1.2
4	☐	3125.000	3188.853	53906956.98	5.7769	A	1.4
5	☐	6250.000	6258.290	101941218.4	11.3375	A	0.3
6	☐	12500.000	12521.232	198206877.0	22.6832	A	1.7
7	☐	25000.000	24963.237	394826434.1	45.2229	A	1.5
8	☐			127864.28	0.0147	P	24.0

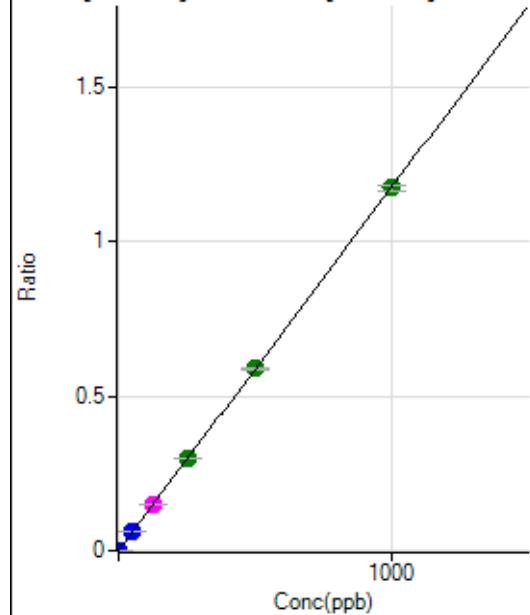
$$y = 0.0018 * x + 9.2304E-005$$

$$R = 0.9997$$

$$DL = 0.03284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.12	0.0000	P	3.6
2	☐	1.000	0.882	10799.81	0.0011	P	1.2
3	☐	50.000	50.477	581440.08	0.0593	P	0.2
4	☐	125.000	129.036	1414229.61	0.1515	M	0.9
5	☐	250.000	253.376	2675205.48	0.2975	A	0.8
6	☐	500.000	500.243	5133513.81	0.5874	A	1.1
7	☐	1000.000	998.506	10236017.76	1.1724	A	1.8
8	☐			6932.05	0.0008	P	4.4

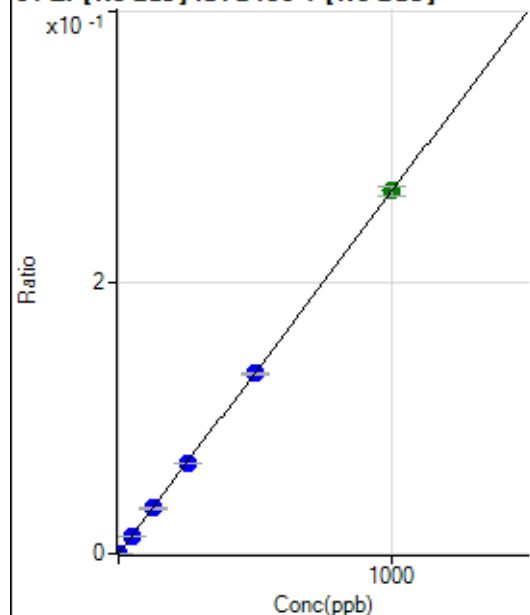
$$y = 0.0012 * x + 4.1555E-005$$

$$R = 1.0000$$

$$DL = 0.00385$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0000	P	29.0
2	☐	1.000	0.915	2516.92	0.0003	P	7.8
3	☐	50.000	49.716	130282.71	0.0133	P	0.1
4	☐	125.000	125.620	313204.55	0.0336	P	2.0
5	☐	250.000	248.621	597273.06	0.0664	P	1.1
6	☐	500.000	496.837	1160034.64	0.1327	P	1.0
7	☐	1000.000	1001.863	2336717.50	0.2677	A	2.5
8	☐			1527.89	0.0002	P	10.1

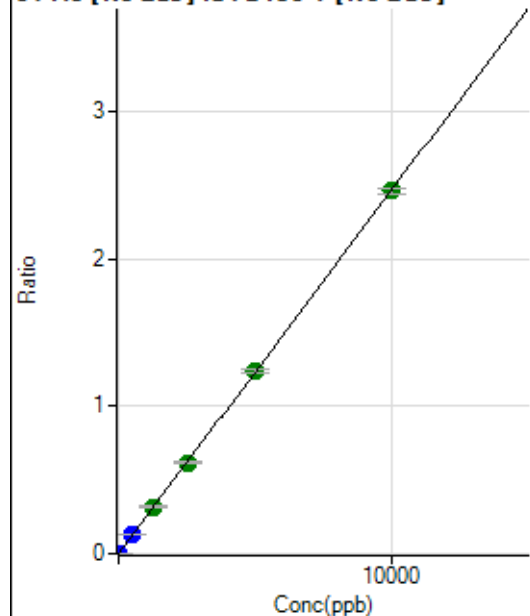
$$y = 2.6716\text{E-}004 * x + 6.5027\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02115$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.12	0.0000	P	23.1
2	☐	5.000	5.296	13216.37	0.0013	P	2.7
3	☐	500.000	508.385	1228061.13	0.1253	P	0.1
4	☐	1250.000	1288.641	2962442.94	0.3175	A	1.7
5	☐	2500.000	2503.432	5545555.89	0.6168	A	1.7
6	☐	5000.000	5023.214	10814080.53	1.2376	A	1.5
7	☐	10000.000	9982.285	21471798.57	2.4593	A	1.5
8	☐			9387.73	0.0011	P	12.3

$$y = 2.4637\text{E-}004 * x + 1.3256\text{E-}005$$

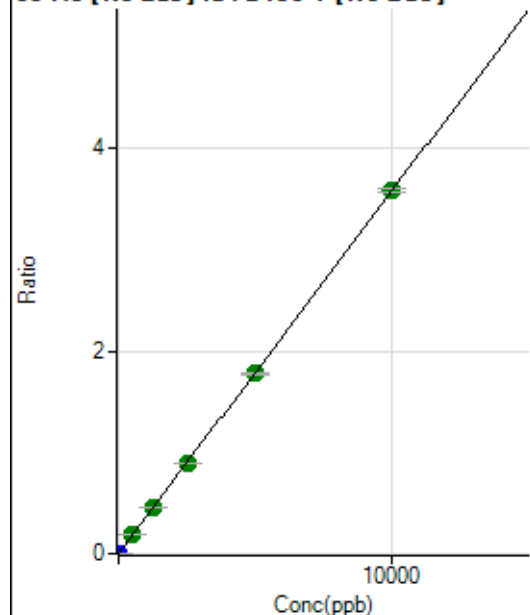
$$R = 1.0000$$

$$DL = 0.03735$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.55	0.0000	P	19.5
2	☐	5.000	4.381	15753.50	0.0016	P	3.3
3	☐	500.000	514.477	1804954.69	0.1841	A	2.2
4	☐	1250.000	1272.311	4247866.50	0.4552	A	1.3
5	☐	2500.000	2487.766	8003583.21	0.8901	A	0.2
6	☐	5000.000	4968.345	15535568.66	1.7777	A	0.5
7	☐	10000.000	10015.374	31290891.48	3.5835	A	1.1
8	☐			11788.00	0.0014	P	8.1

$$y = 3.5780E-004 * x + 3.5934E-006$$

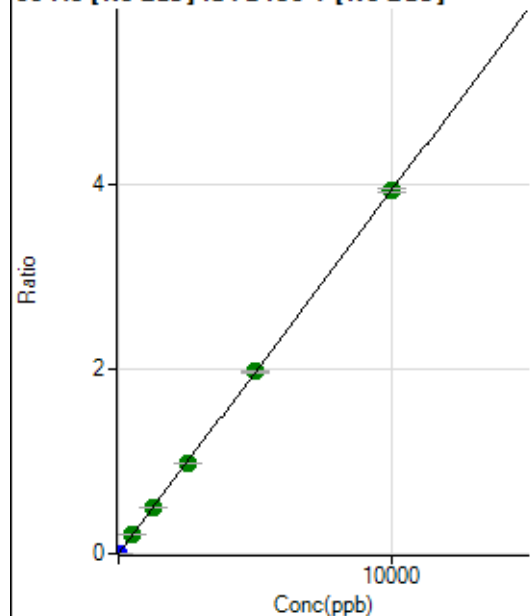
$$R = 1.0000$$

$$DL = 0.005866$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.22	0.0000	P	11.8
2	☐	5.000	4.461	17716.96	0.0018	P	1.5
3	☐	500.000	519.626	2005957.28	0.2046	A	0.2
4	☐	1250.000	1274.183	4681544.76	0.5017	A	1.2
5	☐	2500.000	2498.111	8844174.11	0.9836	A	1.1
6	☐	5000.000	5008.462	17234643.91	1.9720	A	0.9
7	☐	10000.000	9992.237	34350802.54	3.9344	A	1.1
8	☐			13058.33	0.0015	P	7.6

$$y = 3.9374E-004 * x + 1.0335E-005$$

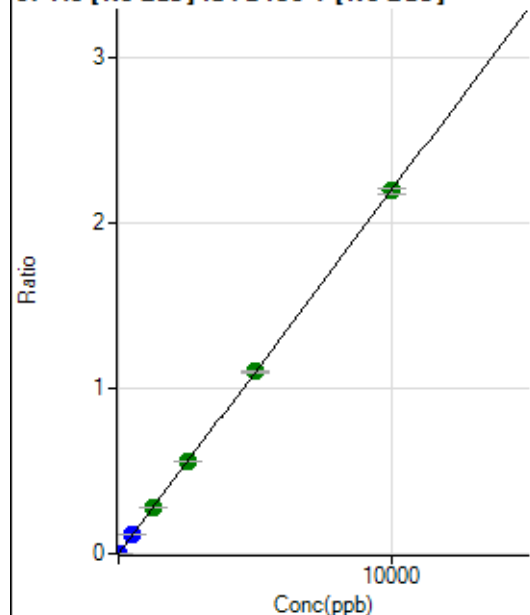
$$R = 1.0000$$

$$DL = 0.009317$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	34.3
2	☐	5.000	4.545	10027.03	0.0010	P	3.4
3	☐	500.000	508.151	1093169.99	0.1115	P	0.3
4	☐	1250.000	1284.093	2629251.90	0.2818	A	1.2
5	☐	2500.000	2527.603	4986911.49	0.5546	A	0.5
6	☐	5000.000	5012.081	9610368.88	1.0998	A	1.5
7	☐	10000.000	9982.390	19123344.99	2.1904	A	1.9
8	☐			6794.15	0.0008	P	6.7

$$y = 2.1943\text{E-}004 * x + 2.7018\text{E-}006$$

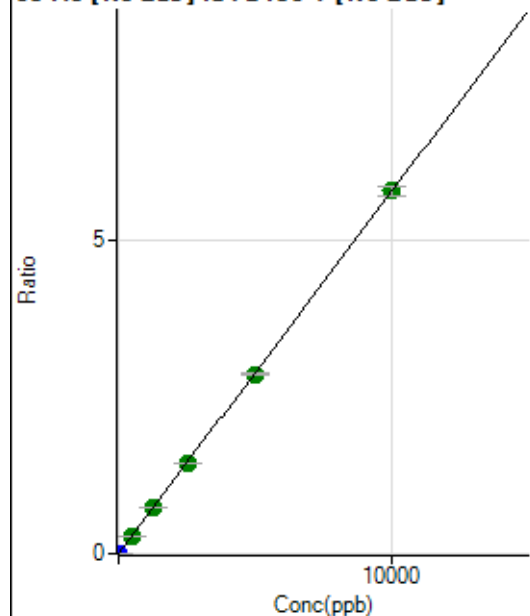
$$R = 1.0000$$

$$DL = 0.01266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	65.56	0.0000	P	16.5
2	☐	5.000	4.338	25150.67	0.0025	P	1.1
3	☐	500.000	498.989	2820832.87	0.2877	A	0.8
4	☐	1250.000	1266.088	6812828.23	0.7300	A	0.6
5	☐	2500.000	2506.908	12996761.89	1.4455	A	1.0
6	☐	5000.000	4952.740	24954533.24	2.8558	A	1.6
7	☐	10000.000	10019.943	50438577.02	5.7776	A	2.4
8	☐			17796.47	0.0020	P	6.5

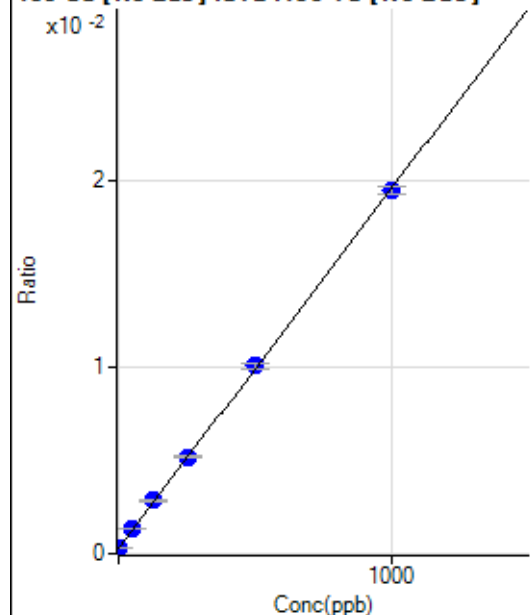
$$y = 5.7661\text{E-}004 * x + 6.6320\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.005705$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2274.66	0.0003	P	2.1
2	☐	1.000	0.640	2395.79	0.0003	P	3.0
3	☐	50.000	55.525	11131.24	0.0013	P	2.9
4	☐	125.000	133.583	23000.35	0.0029	P	3.1
5	☐	250.000	255.600	41638.25	0.0052	P	2.3
6	☐	500.000	506.990	78517.50	0.0101	P	2.9
7	☐	1000.000	993.756	152842.48	0.0195	P	2.2
8	☐			2065.74	0.0003	P	3.0

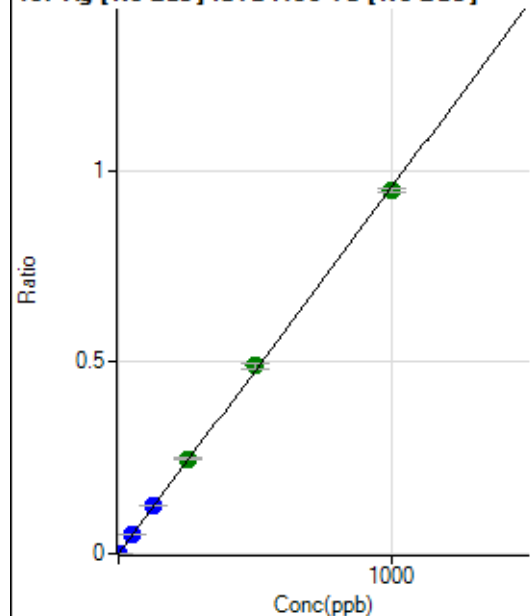
$$y = 1.9316\text{E-}005 * x + 2.7356\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.8722$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.23	0.0000	P	2.4
2	☐	1.000	0.977	8064.64	0.0010	P	3.2
3	☐	50.000	53.597	424331.79	0.0513	P	1.5
4	☐	125.000	132.543	1022311.54	0.1268	P	1.6
5	☐	250.000	259.287	1982631.08	0.2481	A	1.3
6	☐	500.000	511.967	3821263.59	0.4898	A	2.1
7	☐	1000.000	990.572	7441189.27	0.9477	A	1.1
8	☐			5111.01	0.0007	P	3.8

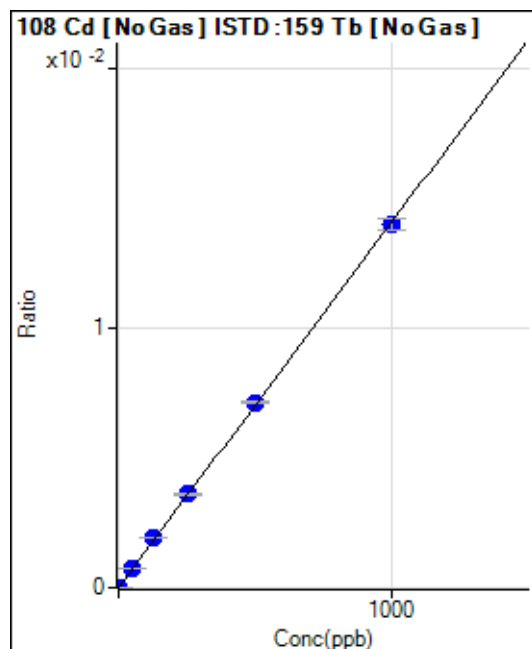
$$y = 9.5673\text{E-}004 * x + 2.7921\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.002096$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.8
2	☐	1.000	0.848	112.22	0.0000	P	4.8
3	☐	50.000	54.487	6352.64	0.0008	P	1.4
4	☐	125.000	135.474	15378.71	0.0019	P	1.0
5	☐	250.000	255.890	28781.20	0.0036	P	0.9
6	☐	500.000	507.233	55685.27	0.0071	P	1.3
7	☐	1000.000	993.378	109714.02	0.0140	P	3.0
8	☐			125.56	0.0000	P	3.1

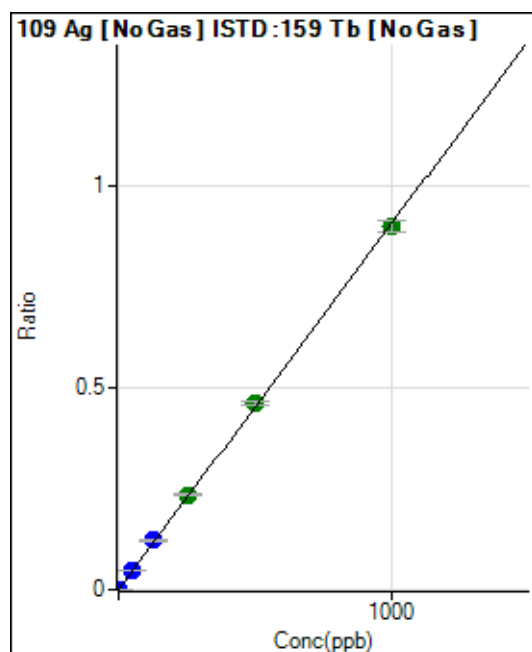
$$y = 1.4069\text{E-}005 * x + 1.4696\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.04949$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	12.1
2	☐	1.000	0.978	7606.60	0.0009	P	1.4
3	☐	50.000	54.200	406316.28	0.0491	P	1.5
4	☐	125.000	134.180	979992.64	0.1216	P	1.6
5	☐	250.000	257.841	1866729.76	0.2336	A	1.8
6	☐	500.000	510.672	3608846.65	0.4626	A	2.3
7	☐	1000.000	991.346	7049443.23	0.8981	A	3.3
8	☐			4848.68	0.0006	P	4.7

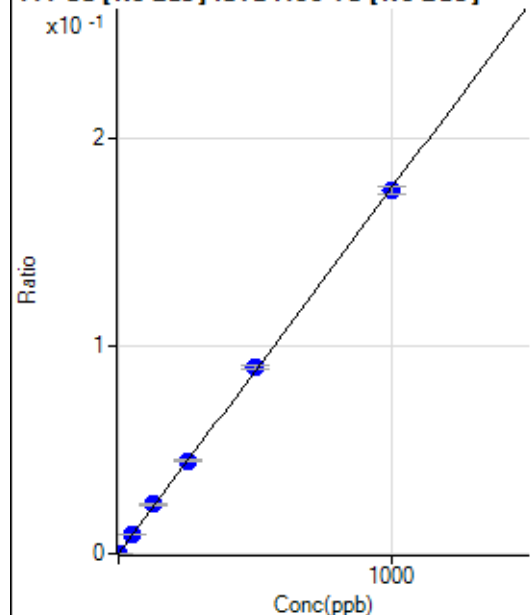
$$y = 9.0592\text{E-}004 * x + 2.2177\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008899$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.60	0.0001	P	2.6
2	☐	1.000	1.045	2006.27	0.0002	P	1.7
3	☐	50.000	54.351	79694.95	0.0096	P	1.3
4	☐	125.000	134.188	191066.02	0.0237	P	2.5
5	☐	250.000	253.525	357520.76	0.0447	P	1.9
6	☐	500.000	510.153	701966.42	0.0900	P	1.2
7	☐	1000.000	992.676	1374136.58	0.1750	P	2.1
8	☐			1496.43	0.0002	P	2.2

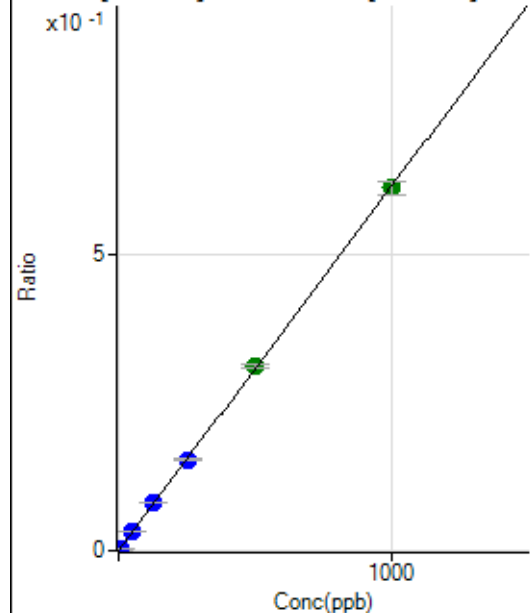
$$y = 1.7626E-004 * x + 5.5155E-005$$

$$R = 0.9999$$

$$DL = 0.0245$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	407.79	0.0000	P	7.0
2	☐	5.000	4.847	25453.69	0.0030	P	0.5
3	☐	50.000	52.049	265877.97	0.0321	P	1.2
4	☐	125.000	130.219	647639.13	0.0803	P	1.1
5	☐	250.000	249.581	1230192.25	0.1539	P	1.4
6	☐	500.000	507.038	2439590.08	0.3127	A	1.8
7	☐	1000.000	995.832	4819999.48	0.6141	A	3.6
8	☐			4624.27	0.0006	P	5.3

$$y = 6.1663E-004 * x + 4.9062E-005$$

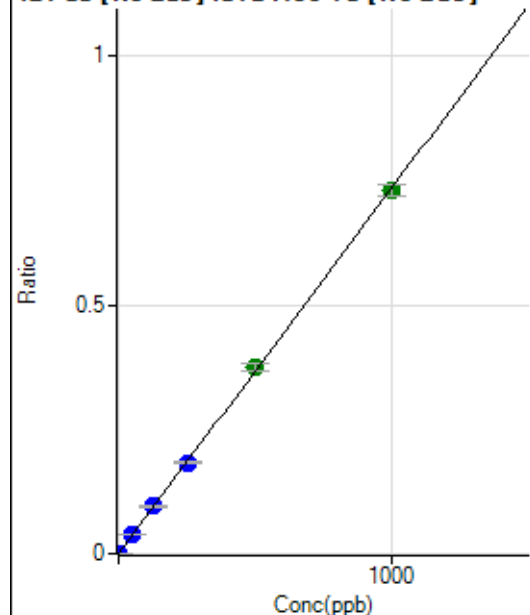
$$R = 1.0000$$

$$DL = 0.01661$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0000	P	23.5
2	☐	2.000	1.943	12004.23	0.0014	P	2.9
3	☐	50.000	52.222	317388.11	0.0384	P	1.2
4	☐	125.000	130.106	770457.61	0.0956	P	2.1
5	☐	250.000	249.962	1467692.53	0.1837	P	0.3
6	☐	500.000	512.118	2934081.03	0.3763	A	4.4
7	☐	1000.000	993.201	5727978.18	0.7297	A	3.3
8	☐			3571.65	0.0005	P	19.4

$$y = 7.3471E-004 * x + 4.9443E-006$$

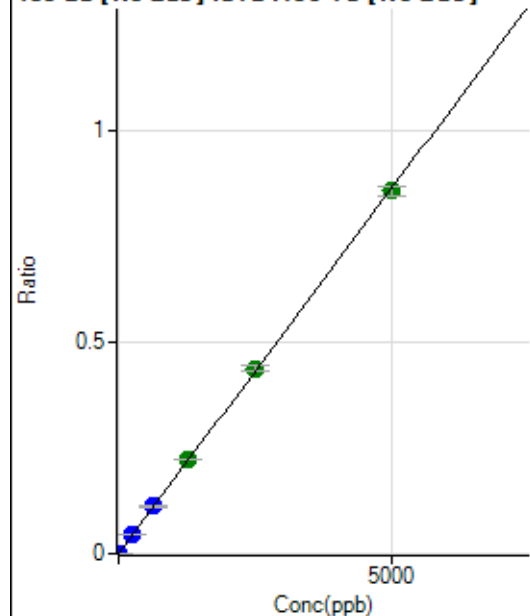
$$R = 0.9999$$

$$DL = 0.004735$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0000	P	15.9
2	☐	10.000	9.684	14082.98	0.0017	P	3.3
3	☐	250.000	258.932	369897.68	0.0447	P	1.4
4	☐	625.000	648.183	902209.58	0.1119	P	2.1
5	☐	1250.000	1284.939	1773416.71	0.2219	A	0.3
6	☐	2500.000	2538.593	3418901.96	0.4384	A	3.7
7	☐	5000.000	4968.625	6735602.82	0.8580	A	2.4
8	☐			5572.31	0.0007	P	1.9

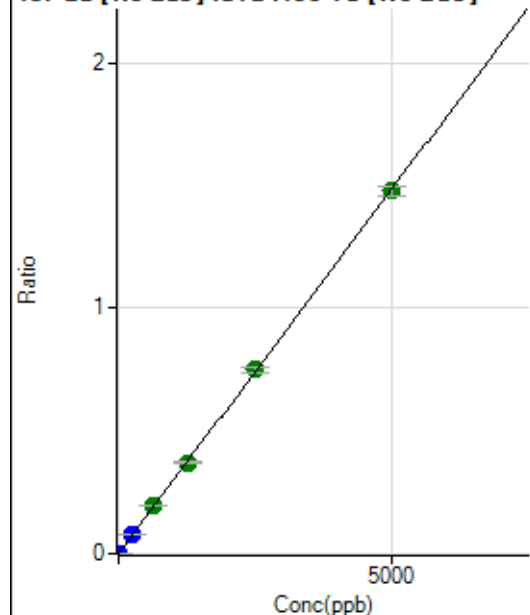
$$y = 1.7269E-004 * x + 8.2940E-006$$

$$R = 0.9999$$

$$DL = 0.02298$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0000	P	20.5
2	☐	10.000	9.813	24495.61	0.0029	P	1.3
3	☐	250.000	265.409	651969.43	0.0788	P	1.7
4	☐	625.000	664.989	1591785.03	0.1975	A	1.5
5	☐	1250.000	1251.194	2969176.97	0.3716	A	1.3
6	☐	2500.000	2524.944	5848617.00	0.7498	A	2.8
7	☐	5000.000	4981.461	11614081.35	1.4793	A	2.3
8	☐			9433.37	0.0012	P	1.6

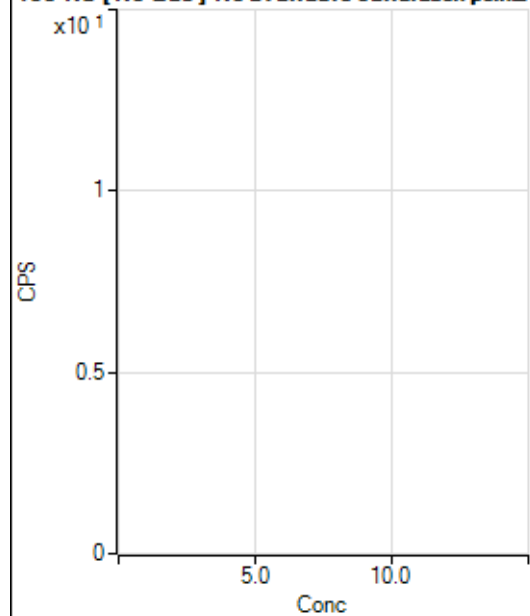
$$y = 2.9696E-004 * x + 9.0927E-006$$

$$R = 1.0000$$

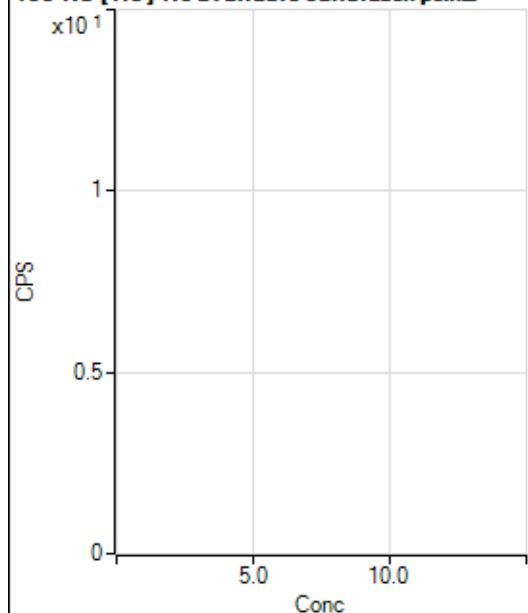
$$DL = 0.01887$$

Weight: <None>

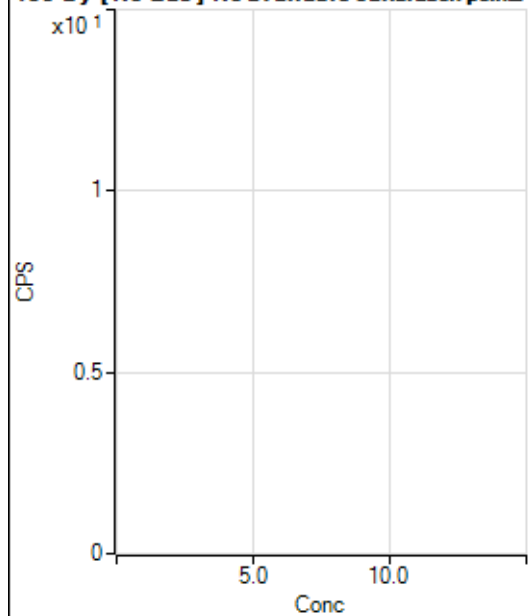
Min Conc: 0

150 Nd [No Gas] No available calibration points

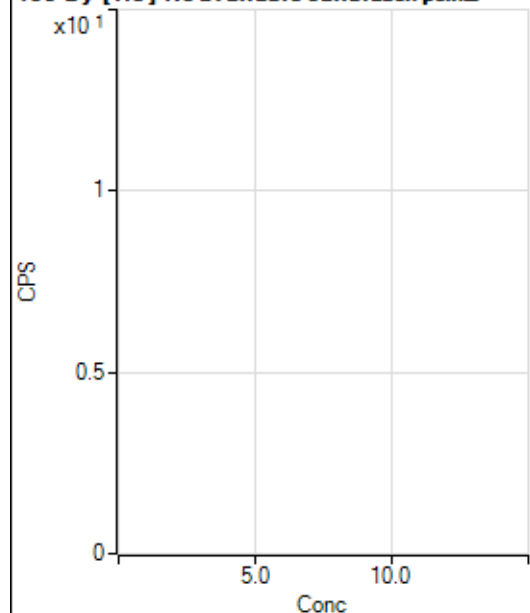
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	34.6
2	☐			10.00		P	66.7
3	☐			27.78		P	18.3
4	☐			53.33		P	10.8
5	☐			85.55		P	27.4
6	☐			193.34		P	28.8
7	☐			370.01		P	3.1
8	☐			287.78		P	7.4

150 Nd [He] No available calibration points

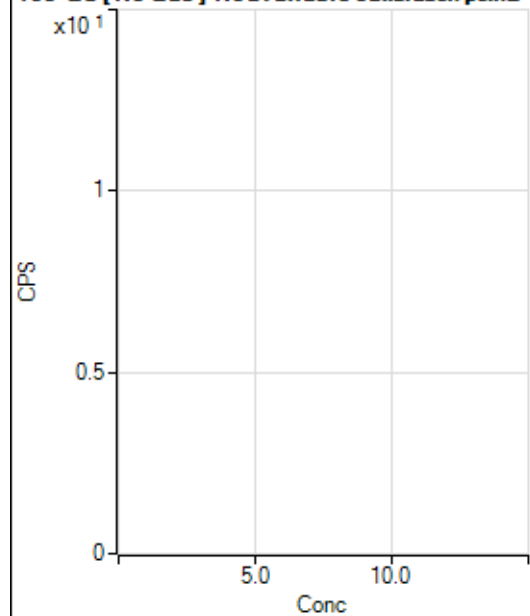
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			11.11		P	75.5
5	☐			14.44		P	53.3
6	☐			43.33		P	30.8
7	☐			71.11		P	7.2
8	☐			130.00		P	6.8

156 Dy [No Gas] No available calibration points

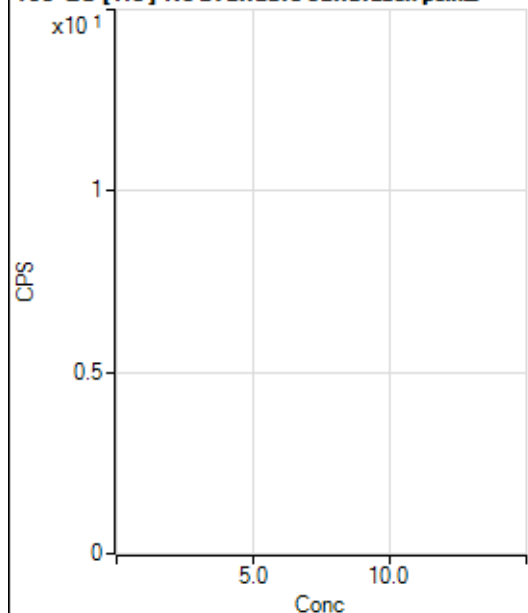
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			10.00		P	66.7
3	☐			25.55		P	27.1
4	☐			63.33		P	29.3
5	☐			95.56		P	28.4
6	☐			188.89		P	16.8
7	☐			454.46		P	2.1
8	☐			1933.50		P	5.7

156 Dy [He] No available calibration points

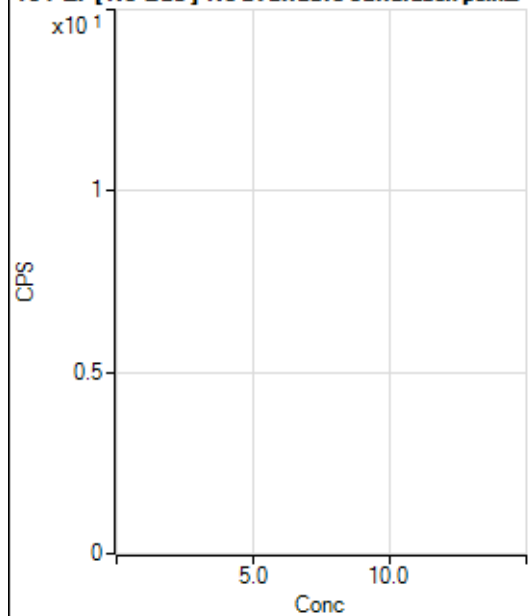
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			15.55		P	24.8
4	☐			38.89		P	34.6
5	☐			46.67		P	18.9
6	☐			92.22		P	5.5
7	☐			227.78		P	5.5
8	☐			1014.49		P	1.9

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

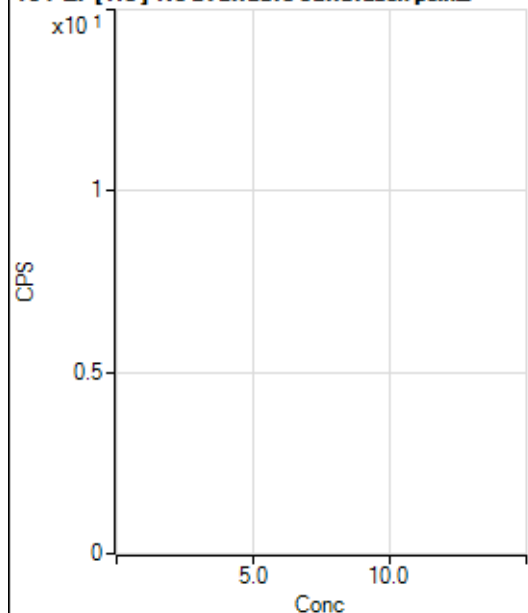
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	27.2
2	☐			60.00		P	36.4
3	☐			71.11		P	15.1
4	☐			107.78		P	15.3
5	☐			166.67		P	3.5
6	☐			231.12		P	11.2
7	☐			394.45		P	15.5
8	☐			2140.19		P	2.6

160 Gd [He] No available calibration points

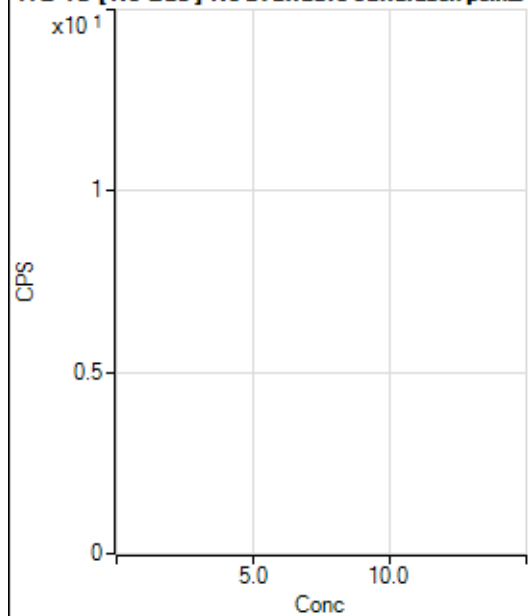
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			87.78		P	11.0
2	☐			108.89		P	16.9
3	☐			125.56		P	16.2
4	☐			116.67		P	27.3
5	☐			118.89		P	19.9
6	☐			196.67		P	13.9
7	☐			260.01		P	16.1
8	☐			1272.29		P	0.6

164 Er [No Gas] No available calibration points

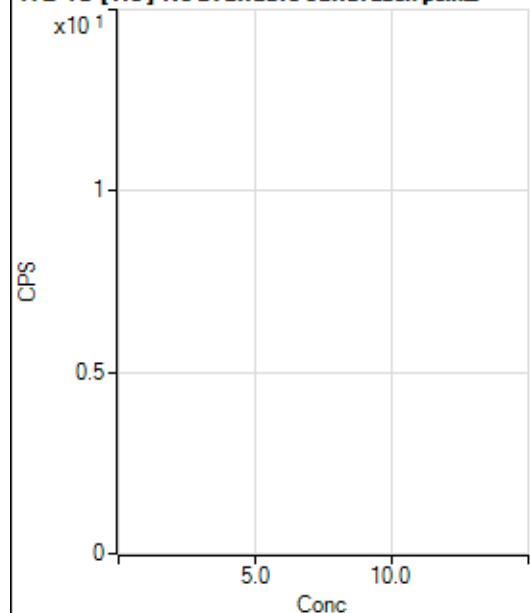
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	8.2
2	☐			66.67		P	13.2
3	☐			60.00		P	25.5
4	☐			80.00		P	4.2
5	☐			97.78		P	30.7
6	☐			136.67		P	11.2
7	☐			197.78		P	11.8
8	☐			280.01		P	17.6

164 Er [He] No available calibration points

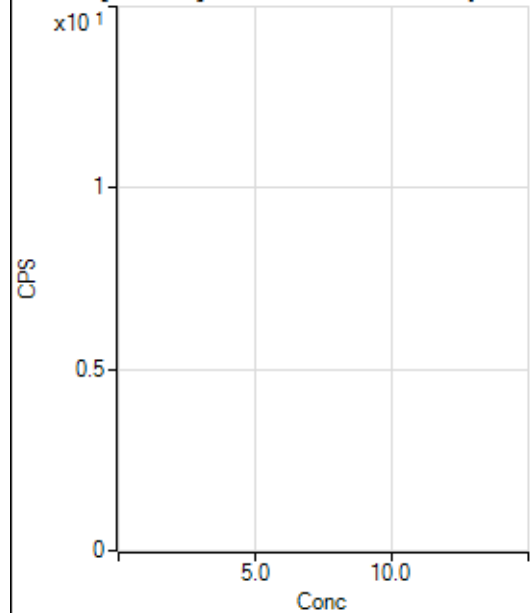
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	12.5
2	☐			35.56		P	23.6
3	☐			21.11		P	24.1
4	☐			28.89		P	29.0
5	☐			35.56		P	46.2
6	☐			45.55		P	15.2
7	☐			98.89		P	19.7
8	☐			116.67		P	23.4

172 Yb [No Gas] No available calibration points

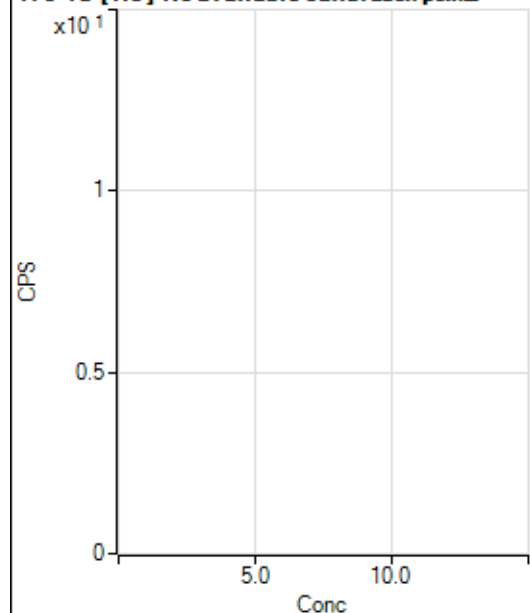
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	28.3
2	☐			52.22		P	35.2
3	☐			68.89		P	7.4
4	☐			83.33		P	46.1
5	☐			111.11		P	6.9
6	☐			155.56		P	3.3
7	☐			235.56		P	17.0
8	☐			195.56		P	14.5

172 Yb [He] No available calibration points

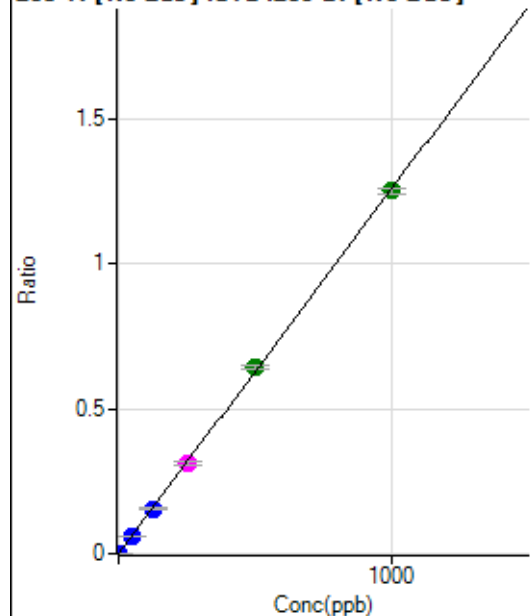
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	15.8
2	☐			23.33		P	37.8
3	☐			25.56		P	30.1
4	☐			38.89		P	9.9
5	☐			41.11		P	16.9
6	☐			67.78		P	10.2
7	☐			150.00		P	5.9
8	☐			114.45		P	16.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			905.60		P	7.7
2	☐			887.81		P	7.6
3	☐			2341.35		P	5.2
4	☐			4493.03		P	2.9
5	☐			7729.01		P	2.7
6	☐			15215.55		P	1.3
7	☐			29683.42		P	1.3
8	☐			902.27		P	2.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8668.48		P	3.8
2	☐			8468.35		P	3.5
3	☐			8980.91		P	0.8
4	☐			9529.08		P	1.0
5	☐			10355.27		P	0.6
6	☐			13703.86		P	3.3
7	☐			20842.07		P	0.8
8	☐			7744.56		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.56	0.0000	P	23.3
2	☐	1.000	0.882	6411.66	0.0011	P	4.6
3	☐	50.000	49.503	350144.65	0.0623	P	1.9
4	☐	125.000	123.110	872535.68	0.1549	P	2.4
5	☐	250.000	247.079	1685002.51	0.3108	M	3.6
6	☐	500.000	512.156	3454762.66	0.6443	A	1.8
7	☐	1000.000	994.914	6653428.02	1.2516	A	1.7
8	☐			2576.97	0.0005	P	1.8

$$y = 0.0013 * x + 1.3241E-005$$

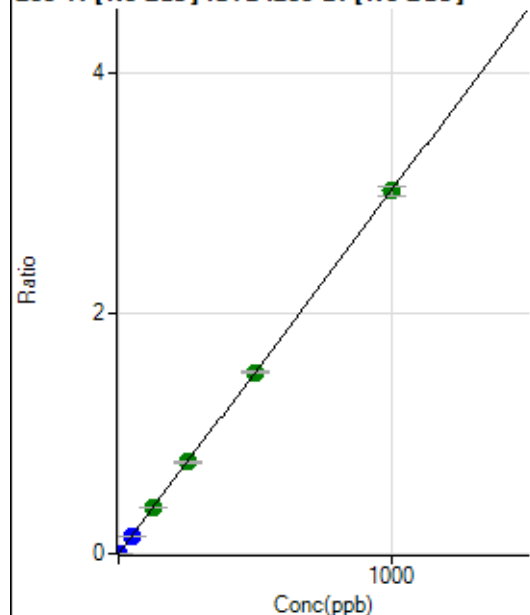
$$R = 0.9999$$

$$DL = 0.007356$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.33	0.0000	P	30.1
2	☐	1.000	0.891	15539.37	0.0027	P	2.4
3	☐	50.000	49.436	840781.45	0.1496	P	2.4
4	☐	125.000	125.924	2146195.85	0.3810	A	2.1
5	☐	250.000	253.217	4152956.26	0.7661	A	1.3
6	☐	500.000	499.770	8107593.21	1.5119	A	0.5
7	☐	1000.000	999.223	16068465.04	3.0229	A	2.9
8	☐			5839.17	0.0012	P	0.8

$$y = 0.0030 * x + 2.3397E-005$$

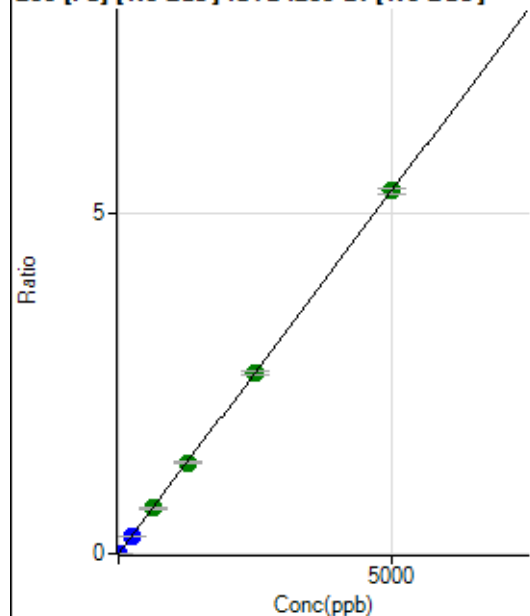
$$R = 1.0000$$

$$DL = 0.006986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.00	0.0000	P	9.8
2	☐	1.000	0.862	5445.65	0.0010	P	2.0
3	☐	250.000	244.979	1468748.38	0.2613	P	0.4
4	☐	625.000	624.676	3753317.83	0.6661	A	1.7
5	☐	1250.000	1256.179	7261795.10	1.3395	A	1.5
6	☐	2500.000	2493.982	14260087.01	2.6595	A	1.3
7	☐	5000.000	5001.756	28353925.69	5.3336	A	1.3
8	☐			18684.87	0.0039	P	0.5

$$y = 0.0011 * x + 3.3375E-005$$

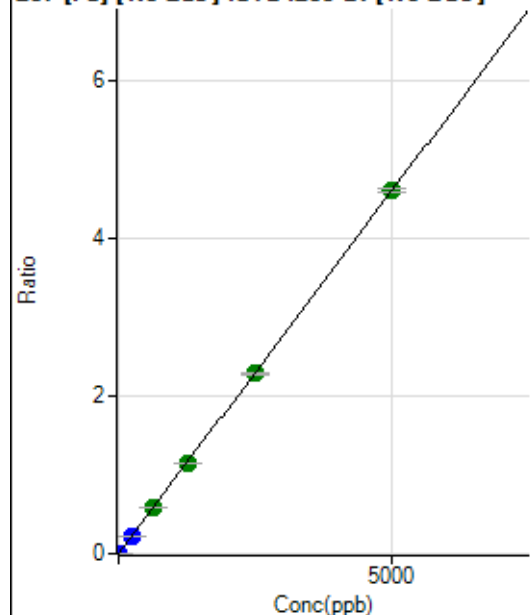
$$R = 1.0000$$

$$DL = 0.009248$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	8.7
2	☐	1.000	0.869	4762.04	0.0008	P	2.9
3	☐	250.000	247.492	1280569.68	0.2278	P	1.3
4	☐	625.000	636.174	3298552.59	0.5855	A	2.3
5	☐	1250.000	1255.330	6263671.50	1.1553	A	0.7
6	☐	2500.000	2484.340	12260233.01	2.2863	A	0.8
7	☐	5000.000	5005.226	24487016.03	4.6063	A	1.2
8	☐			15784.25	0.0033	P	1.6

$$y = 9.2028\text{E-}004 * x + 3.4150\text{E-}005$$

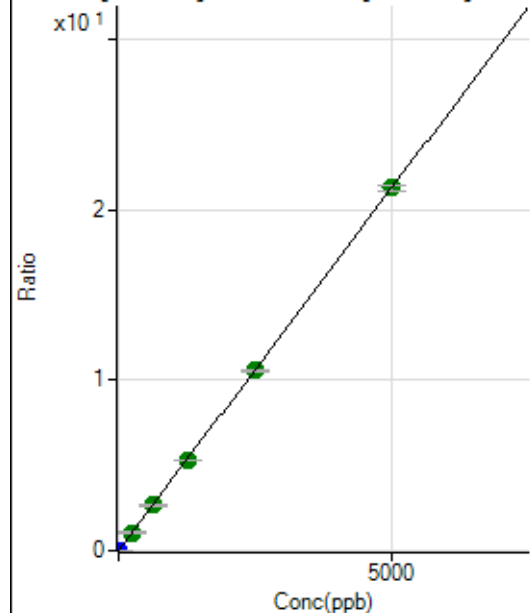
$$R = 1.0000$$

$$DL = 0.009729$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	830.02	0.0001	P	1.8
2	☐	1.000	0.858	21681.76	0.0038	P	1.3
3	☐	250.000	251.261	6010290.58	1.0691	A	1.3
4	☐	625.000	627.668	15045340.78	2.6704	A	2.0
5	☐	1250.000	1255.137	28949468.32	5.3398	A	0.8
6	☐	2500.000	2486.703	56726010.96	10.5791	A	1.3
7	☐	5000.000	5004.968	113187311.3	21.2923	A	1.4
8	☐			73936.39	0.0153	P	0.6

$$y = 0.0043 * x + 1.4571\text{E-}004$$

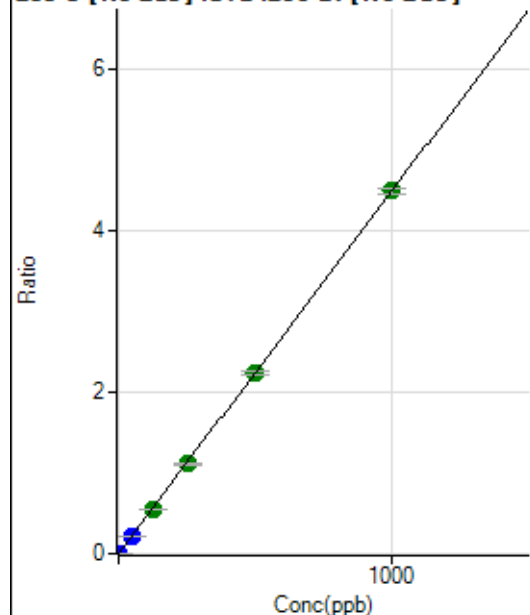
$$R = 1.0000$$

$$DL = 0.001812$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0000	P	12.9
2	☐	1.000	0.846	21757.65	0.0038	P	1.2
3	☐	50.000	47.395	1196281.85	0.2128	P	3.2
4	☐	125.000	122.122	3089866.03	0.5484	A	0.9
5	☐	250.000	247.447	6024176.58	1.1112	A	0.7
6	☐	500.000	498.942	12014250.93	2.2405	A	2.1
7	☐	1000.000	1001.658	23911227.70	4.4980	A	1.4
8	☐			11596.57	0.0024	P	3.3

$$y = 0.0045 * x + 1.0347E-005$$

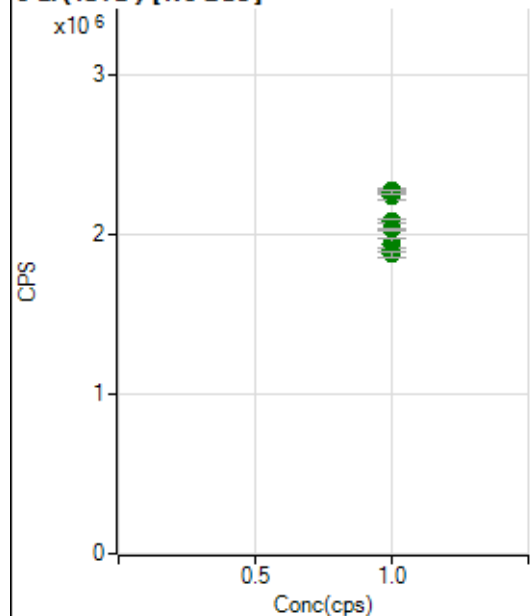
$$R = 1.0000$$

$$DL = 0.0008924$$

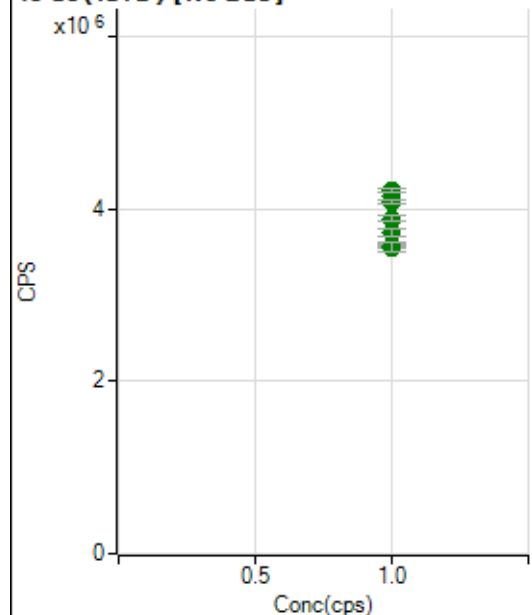
Weight: <None>

Min Conc: 0

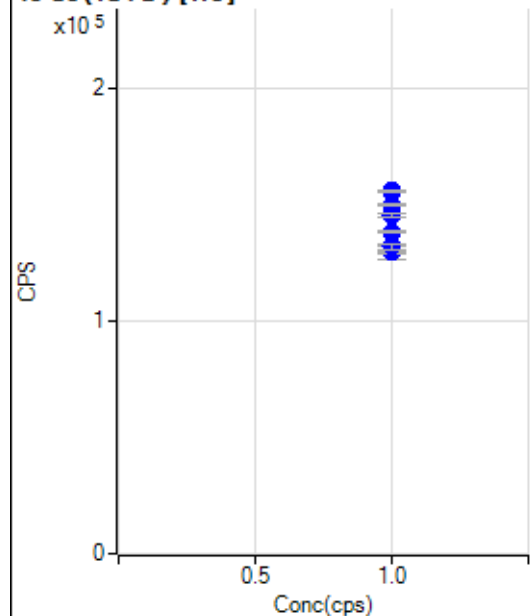
6 Li (ISTD) [No Gas]



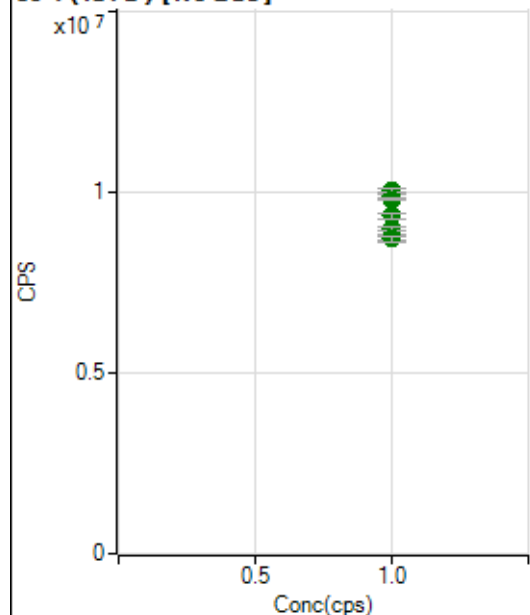
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2273032.49		A	1.1
2	☐	1.000		2241669.48		A	1.9
3	☐	1.000		2266087.24		A	0.8
4	☐	1.000		2083320.94		A	1.6
5	☐	1.000		2034335.84		A	0.5
6	☐	1.000		1943533.50		A	3.5
7	☐	1.000		1902269.21		A	1.5
8	☐	1.000		1875855.16		A	2.0

45 Sc (ISTD) [No Gas]

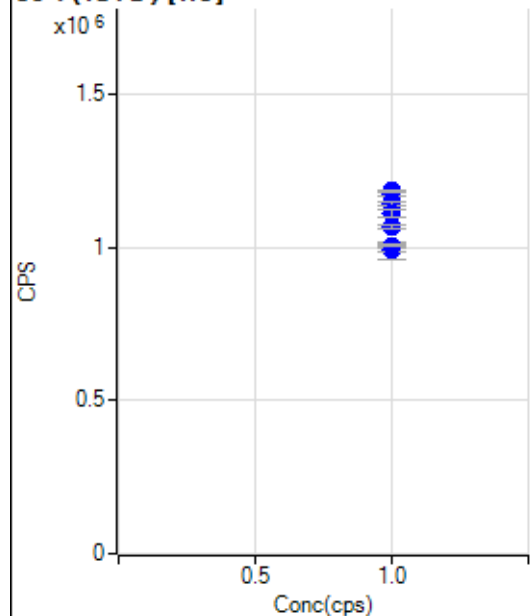
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4153497.82		A	2.6
2	☐	1.000		4211840.08		A	1.0
3	☐	1.000		4091759.10		A	1.2
4	☐	1.000		3894033.41		A	1.8
5	☐	1.000		3728475.36		A	2.5
6	☐	1.000		3553841.37		A	0.4
7	☐	1.000		3565756.89		A	1.5
8	☐	1.000		3557406.23		A	3.0

45 Sc (ISTD) [He]

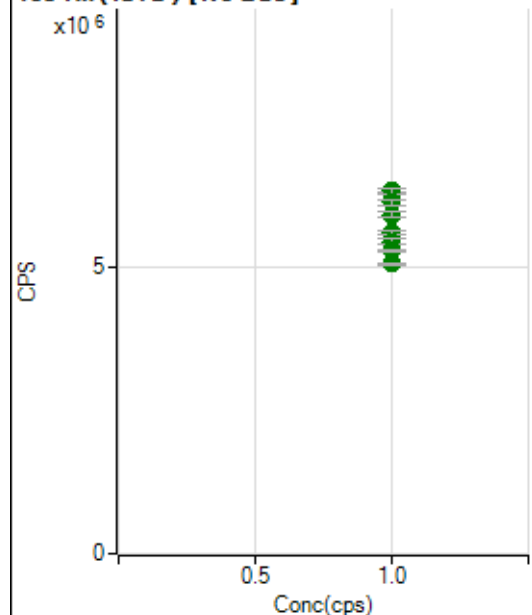
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		155948.36		P	0.3
2	☐	1.000		156119.03		P	0.4
3	☐	1.000		150072.12		P	0.4
4	☐	1.000		138530.48		P	1.1
5	☐	1.000		129620.34		P	4.6
6	☐	1.000		129733.06		P	0.4
7	☐	1.000		132032.53		P	1.5
8	☐	1.000		145802.47		P	1.3

89 Y (ISTD) [No Gas]

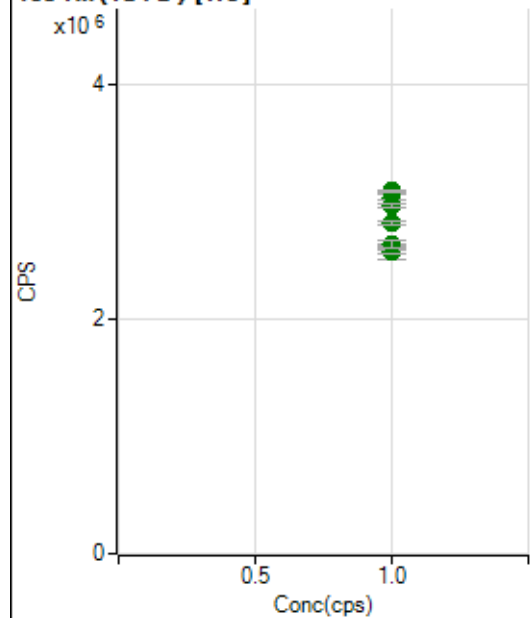
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9895045.69		A	1.1
2	☐	1.000		10028705.06		A	0.9
3	☐	1.000		9803945.62		A	0.8
4	☐	1.000		9332184.86		A	1.3
5	☐	1.000		8991644.03		A	0.8
6	☐	1.000		8739708.69		A	1.7
7	☐	1.000		8731726.33		A	1.2
8	☐	1.000		8700608.55		A	1.5

89 Y (ISTD) [He]

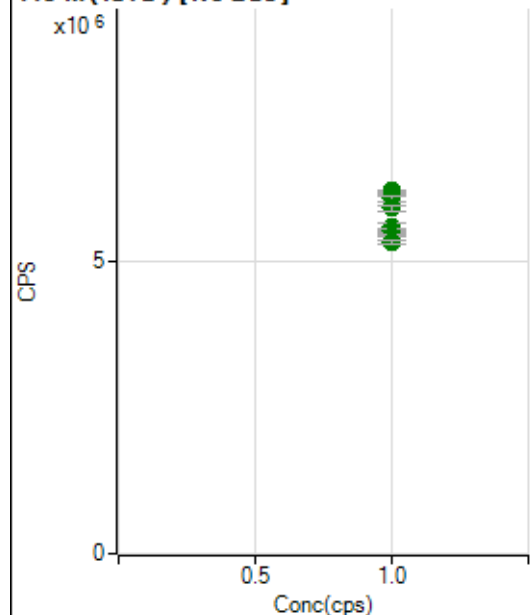
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1174839.58		P	1.0
2	☐	1.000		1184112.40		P	0.8
3	☐	1.000		1140556.49		P	1.1
4	☐	1.000		1065553.42		P	1.5
5	☐	1.000		988873.11		P	5.2
6	☐	1.000		992198.85		P	0.9
7	☐	1.000		1007198.72		P	0.9
8	☐	1.000		1109525.72		P	2.0

103 Rh (ISTD) [No Gas]

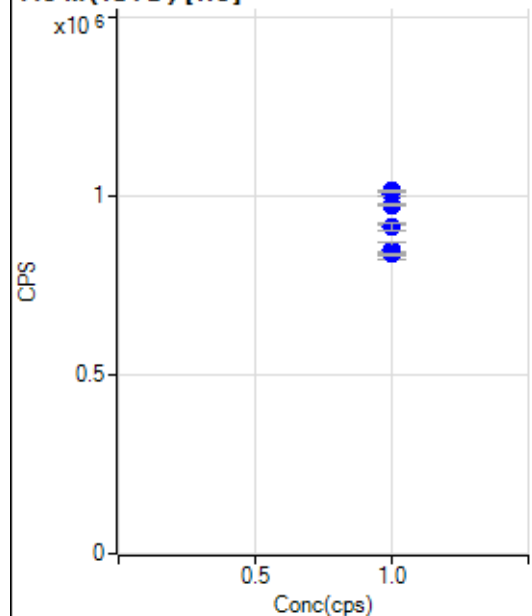
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6266337.96		A	0.6
2	☐	1.000		6316401.09		A	1.3
3	☐	1.000		6114149.49		A	1.5
4	☐	1.000		5900508.73		A	1.6
5	☐	1.000		5591717.56		A	0.8
6	☐	1.000		5436314.05		A	1.9
7	☐	1.000		5274242.77		A	0.8
8	☐	1.000		5043779.09		A	0.9

103 Rh (ISTD) [He]

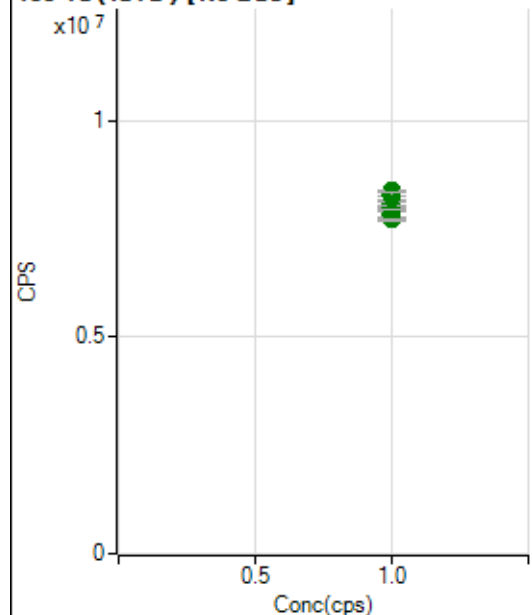
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3041777.49		A	1.7
2	☐	1.000		3095843.63		A	0.9
3	☐	1.000		2974590.03		A	1.0
4	☐	1.000		2823202.46		A	1.4
5	☐	1.000		2579289.20		A	4.7
6	☐	1.000		2606173.45		A	1.1
7	☐	1.000		2570876.18		A	1.2
8	☐	1.000		2640426.49		A	2.2

115 In (ISTD) [No Gas]

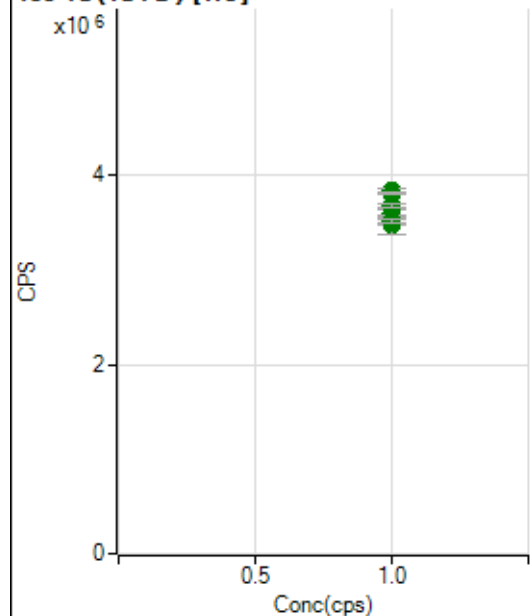
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6219405.14		A	0.5
2	☐	1.000		6161819.41		A	0.5
3	☐	1.000		6089630.61		A	1.7
4	☐	1.000		5921831.50		A	1.6
5	☐	1.000		5604231.78		A	1.9
6	☐	1.000		5534213.51		A	1.0
7	☐	1.000		5453267.64		A	1.0
8	☐	1.000		5348672.69		A	1.2

115 In (ISTD) [He]

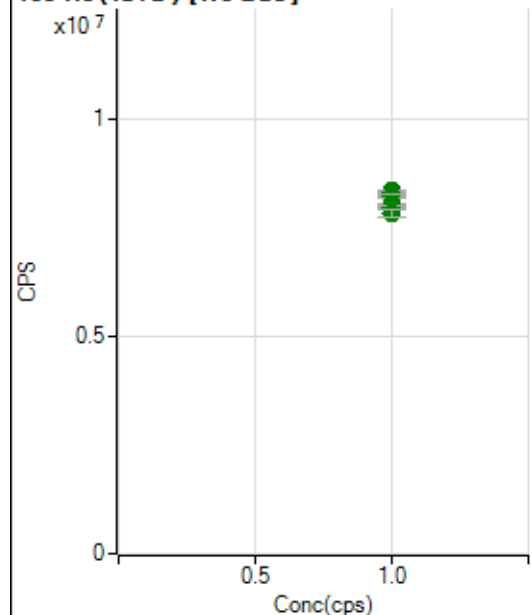
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1007135.72		P	1.0
2	☐	1.000		1015552.48		P	0.8
3	☐	1.000		976921.74		P	0.6
4	☐	1.000		912868.84		P	1.3
5	☐	1.000		847946.56		P	5.3
6	☐	1.000		840951.48		P	0.4
7	☐	1.000		838797.74		P	0.5
8	☐	1.000		915290.05		P	1.9

159 Tb (ISTD) [No Gas]

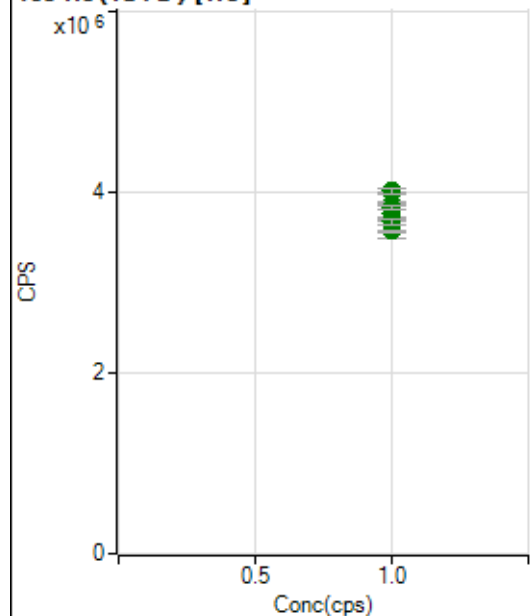
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8316099.18		A	1.2
2	☐	1.000		8379357.38		A	0.3
3	☐	1.000		8272351.61		A	2.0
4	☐	1.000		8061658.42		A	1.9
5	☐	1.000		7991673.07		A	1.1
6	☐	1.000		7802926.27		A	2.2
7	☐	1.000		7852669.61		A	2.1
8	☐	1.000		7708643.43		A	0.9

159 Tb (ISTD) [He]

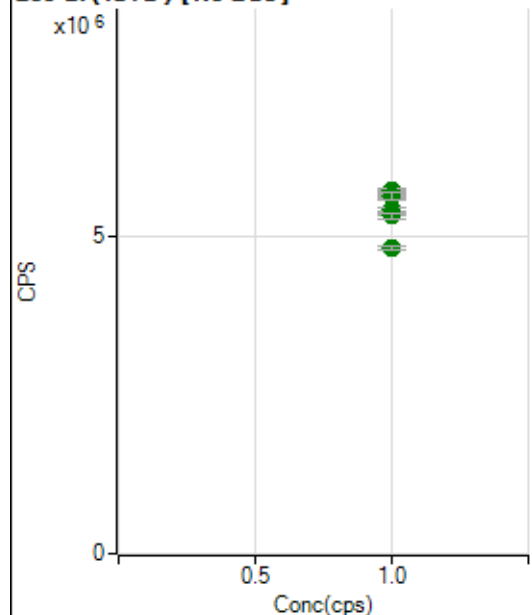
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3803249.94		A	0.7
2	☐	1.000		3833019.42		A	1.7
3	☐	1.000		3802167.17		A	0.7
4	☐	1.000		3596761.30		A	2.4
5	☐	1.000		3472050.61		A	5.6
6	☐	1.000		3484654.32		A	0.9
7	☐	1.000		3521534.63		A	1.2
8	☐	1.000		3672073.17		A	1.3

165 Ho (ISTD) [No Gas]

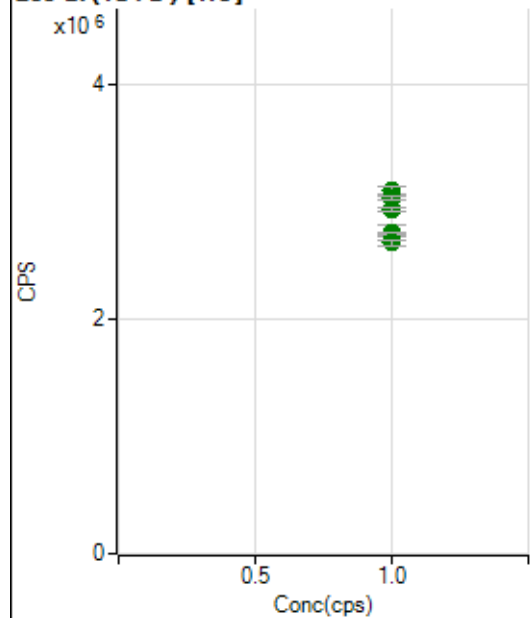
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8332405.09		A	0.9
2	☐	1.000		8286722.66		A	1.5
3	☐	1.000		8305137.59		A	1.3
4	☐	1.000		8205985.16		A	1.0
5	☐	1.000		8024962.94		A	0.6
6	☐	1.000		7931908.15		A	1.0
7	☐	1.000		7939474.95		A	1.0
8	☐	1.000		7814144.82		A	2.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3989417.96		A	1.0
2	☐	1.000		4013800.53		A	1.7
3	☐	1.000		3882491.99		A	0.4
4	☐	1.000		3771329.84		A	2.2
5	☐	1.000		3584218.59		A	5.5
6	☐	1.000		3571380.85		A	0.6
7	☐	1.000		3674550.99		A	1.4
8	☐	1.000		3835512.51		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5696941.31		A	1.1
2	☐	1.000		5713195.89		A	1.4
3	☐	1.000		5621701.10		A	0.9
4	☐	1.000		5634945.82		A	1.9
5	☐	1.000		5421681.52		A	1.1
6	☐	1.000		5362650.16		A	1.3
7	☐	1.000		5316922.28		A	2.1
8	☐	1.000		4827095.38		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3035290.86		A	1.0
2	☐	1.000		3095844.26		A	2.1
3	☐	1.000		3031992.49		A	1.0
4	☐	1.000		2941234.71		A	1.1
5	☐	1.000		2737471.45		A	4.6
6	☐	1.000		2717073.19		A	0.9
7	☐	1.000		2733437.01		A	1.1
8	☐	1.000		2650382.60		A	1.4