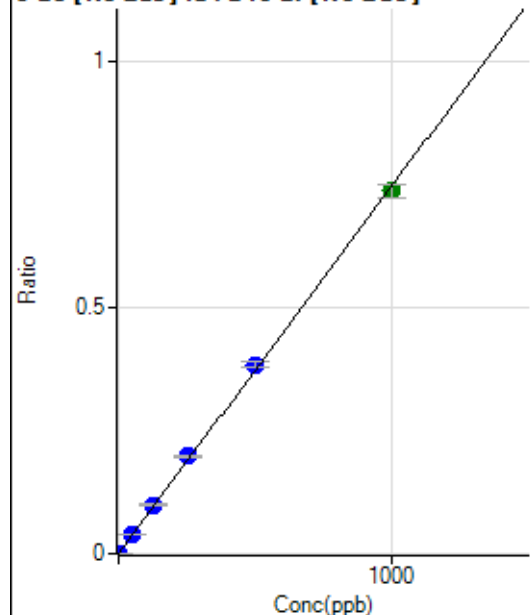


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101723MS.b\
 Analysis File: P8101723MS.batch.bin
 DA Date-Time: 2023-10-17 19:32:09
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-17 11:09:23
2	006CALS.d	S02	2023-10-17 11:16:13
3	007CALS.d	S03	2023-10-17 11:19:37
4	008CALS.d	S04	2023-10-17 11:22:52
5	009CALS.d	S05	2023-10-17 11:25:55
6	010CALS.d	S06	2023-10-17 11:28:59
7	011CALS.d	S07	2023-10-17 11:32:01
8	012CALS.d	S08	2023-10-17 11:35:06

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.91	0.0000	P	22.3
2	☐	1.000	1.027	2075.31	0.0008	P	2.9
3	☐	50.000	51.801	104299.36	0.0386	P	1.7
4	☐	125.000	131.878	246050.28	0.0983	P	3.3
5	☐	250.000	265.316	461882.95	0.1977	P	1.1
6	☐	500.000	514.603	863130.37	0.3834	P	3.1
7	☐	1000.000	987.919	1644990.20	0.7361	A	3.5
8	☐			273.72	0.0001	P	9.4

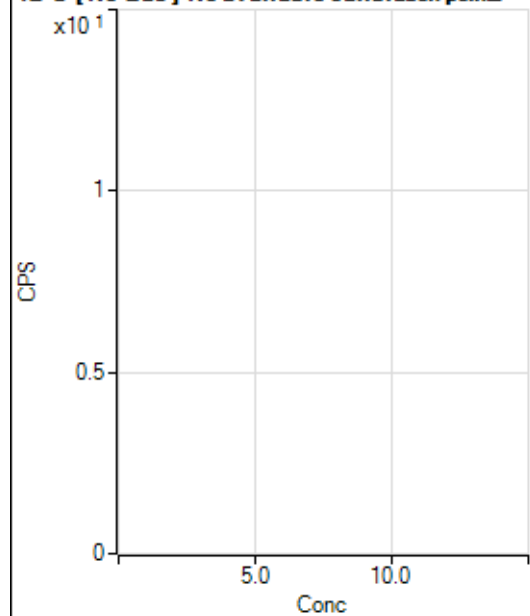
$$y = 7.4504\text{E-}004 * x + 1.5967\text{E-}005$$

$$R = 0.9997$$

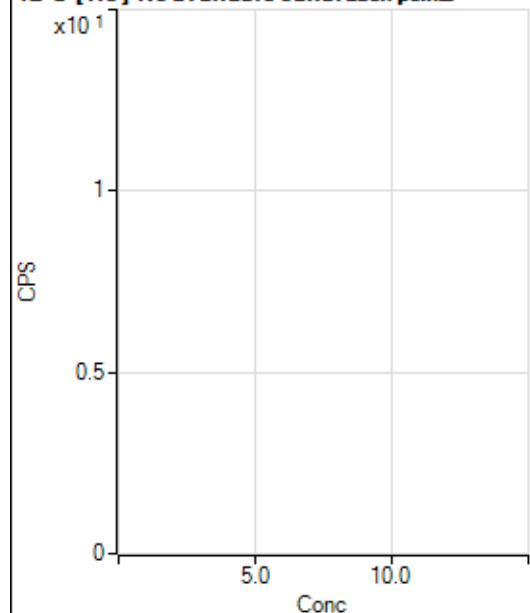
$$DL = 0.01435$$

Weight: <None>

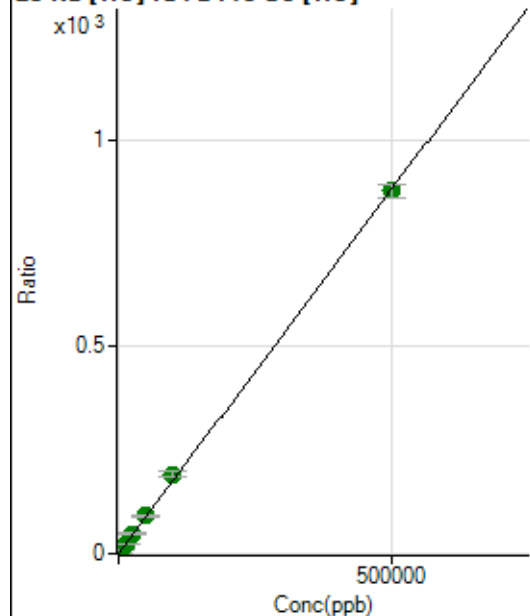
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2683163.78		A	1.7
2	☐			2555564.03		A	2.4
3	☐			2866013.53		A	2.1
4	☐			2881714.85		A	1.3
5	☐			2582082.26		A	0.9
6	☐			3005289.40		A	2.6
7	☐			3170502.63		A	4.1
8	☐			2214744.50		A	0.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32425.83		P	0.4
2	☐			30574.08		P	1.1
3	☐			34488.30		P	3.4
4	☐			34972.71		P	0.6
5	☐			31812.29		P	0.9
6	☐			38686.47		P	2.5
7	☐			42318.79		P	1.1
8	☐			33887.93		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21224.40	0.1150	P	2.4
2	☐	500.000	482.729	184571.09	0.9653	P	4.2
3	☐	5000.000	5418.977	1761535.56	9.6600	A	0.8
4	☐	12500.000	13429.677	4118743.13	23.7700	A	0.8
5	☐	25000.000	27462.610	7630749.75	48.4875	A	4.3
6	☐	50000.000	51872.879	14868986.45	91.4836	A	2.6
7	☐	100000.00	108298.61	29728641.78	190.8715	A	7.4
8	☐	500000.00	498002.44	154905974.3	877.2933	A	3.6

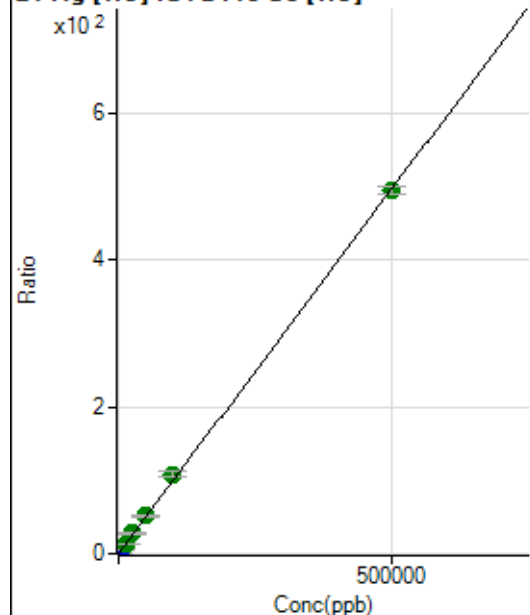
$$y = 0.0018 * x + 0.1150$$

$$R = 0.9999$$

$$DL = 4.788$$

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	232.23	0.0013	P	9.6
2	☐	500.000	482.399	91763.39	0.4799	P	3.8
3	☐	5000.000	5456.097	987355.98	5.4145	P	0.4
4	☐	12500.000	13610.908	2340114.29	13.5053	A	1.3
5	☐	25000.000	27874.046	4353682.43	27.6565	A	2.9
6	☐	50000.000	52235.934	8422866.82	51.8272	A	3.2
7	☐	100000.00	108901.66	16829879.61	108.0483	A	7.3
8	☐	500000.00	497820.05	87223179.81	493.9144	A	2.2

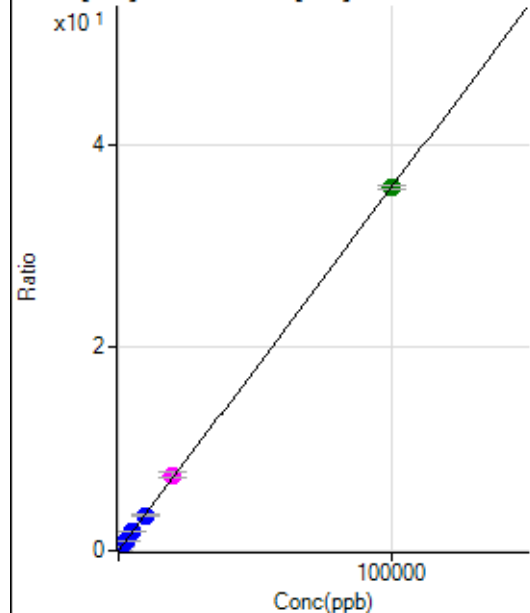
$$y = 9.9215\text{E-}004 * x + 0.0013$$

$$R = 0.9998$$

$$DL = 0.3655$$

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	1587.88	0.0086	P	3.5
2	☐	20.000	0.929	1710.12	0.0089	P	3.2
3	☐	1000.000	1005.899	67119.70	0.3681	P	1.4
4	☐	2500.000	2594.476	162150.95	0.9358	P	0.6
5	☐	5000.000	5225.153	295220.77	1.8759	P	4.3
6	☐	10000.000	9758.636	568255.05	3.4959	P	1.9
7	☐	20000.000	20705.460	1153880.69	7.4079	M	7.1
8	☐	100000.00	99869.370	6304963.31	35.6977	A	1.1

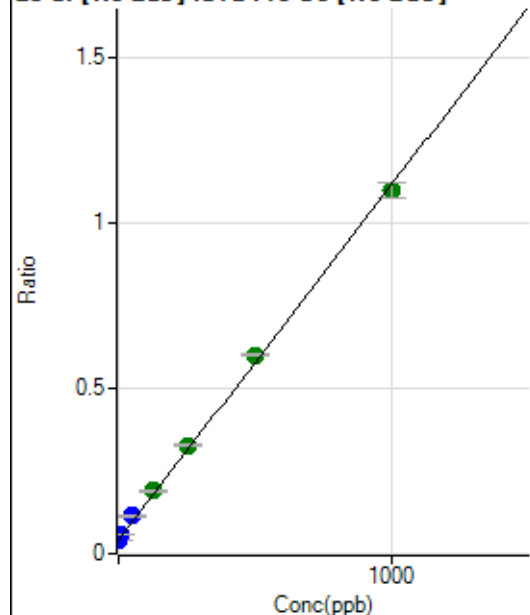
$$y = 3.5736\text{E-}004 * x + 0.0086$$

$$R = 1.0000$$

$$DL = 2.508$$

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	213540.77	0.0418	P	6.7
2	☐	10.000	14.184	297625.17	0.0570	P	1.4
3	☐	50.000	68.106	601417.64	0.1150	P	2.8
4	☐	125.000	137.203	933549.24	0.1893	A	2.2
5	☐	250.000	266.250	1550421.52	0.3281	A	1.3
6	☐	500.000	521.326	2699972.49	0.6023	A	0.9
7	☐	1000.000	982.802	5078961.24	1.0985	A	4.1
8	☐			321593.95	0.0699	P	3.1

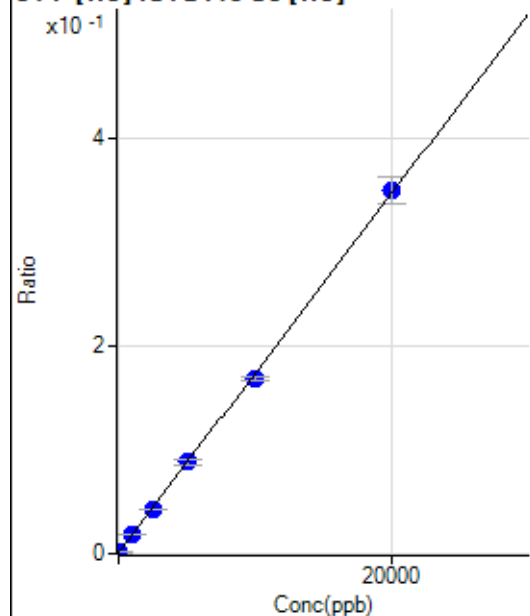
$$y = 0.0011 * x + 0.0418$$

$$R = 0.9995$$

$$DL = 7.781$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.818	117.78	0.0006	P	8.7
2	☐	0.000	12.818	207.78	0.0011	P	9.5
3	☐	1000.000	999.748	3317.08	0.0182	P	4.4
4	☐	2500.000	2441.022	7480.87	0.0432	P	1.4
5	☐	5000.000	5036.046	13871.18	0.0882	P	5.1
6	☐	10000.000	9703.724	27479.46	0.1691	P	2.4
7	☐	20000.000	20146.511	54526.46	0.3501	P	7.3
8	☐			143.34	0.0008	P	8.5

$$y = 1.7334E-005 * x + 8.6056E-004$$

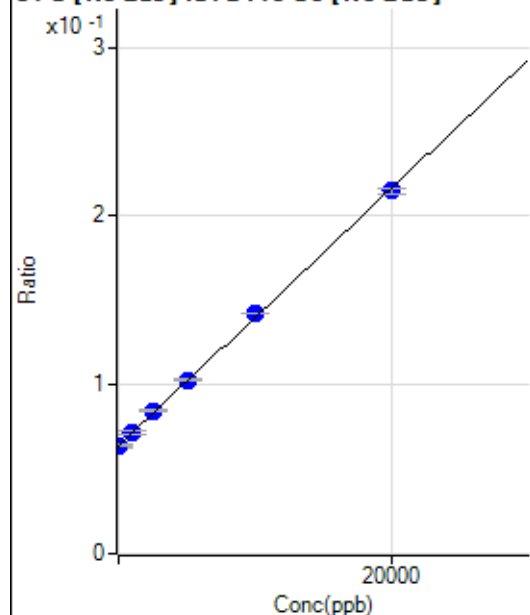
$$R = 0.9998$$

$$DL = 13.72$$

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	-18.357	325990.03	0.0638	P	5.2
2	☐	0.000	18.357	334179.16	0.0640	P	1.2
3	☐	1000.000	1028.680	375195.75	0.0718	P	2.7
4	☐	2500.000	2731.554	417888.88	0.0847	P	0.5
5	☐	5000.000	5130.631	486947.28	0.1030	P	1.3
6	☐	10000.000	10292.269	638300.58	0.1424	P	0.3
7	☐	20000.000	19790.830	993335.47	0.2148	P	1.2
8	☐			281298.67	0.0611	P	1.0

$$y = 7.6254E-006 * x + 0.0639$$

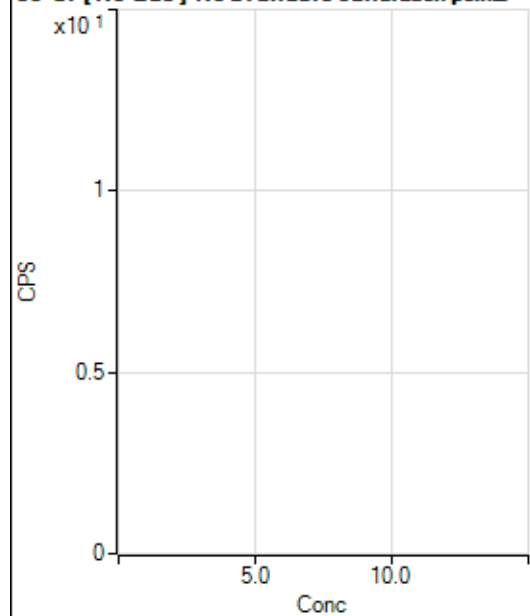
R = 0.9998

DL = 800.6

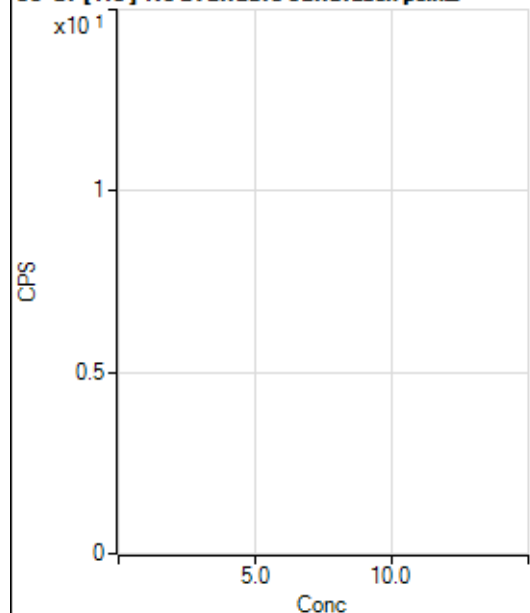
Weight: <None>

Min Conc: 0

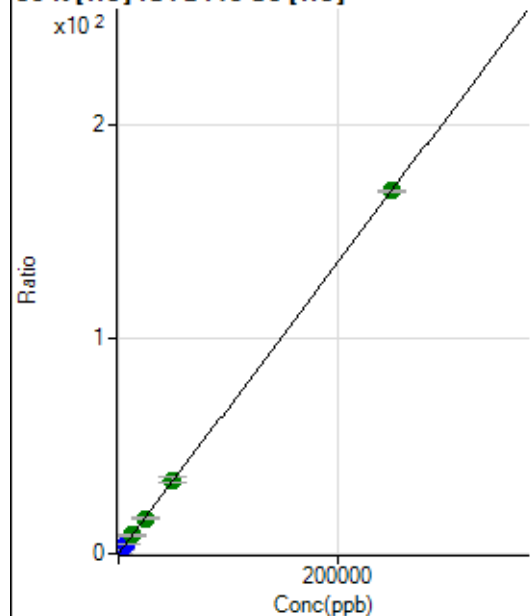
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			68490.98		P	1.0
2	☐			70782.92		P	0.3
3	☐			82011.68		P	0.6
4	☐			77761.89		P	0.4
5	☐			74575.09		P	1.1
6	☐			76069.43		P	1.3
7	☐			85649.06		P	1.9
8	☐			75320.16		P	2.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			492.24		P	4.4
2	☐			538.90		P	6.8
3	☐			587.79		P	5.3
4	☐			540.01		P	10.3
5	☐			535.57		P	10.1
6	☐			561.13		P	8.4
7	☐			650.02		P	5.4
8	☐			620.02		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9676.64	0.0525	P	3.4
2	☐	500.000	447.327	67820.73	0.3546	P	3.9
3	☐	2500.000	2508.695	318610.76	1.7472	P	0.6
4	☐	6250.000	6222.209	737462.67	4.2559	P	0.3
5	☐	12500.000	12732.036	1361826.04	8.6537	A	4.5
6	☐	25000.000	24225.453	2668689.28	16.4181	A	3.4
7	☐	50000.000	50475.994	5319223.50	34.1518	A	7.3
8	☐	250000.00	249971.36	29836486.50	168.9220	A	0.7

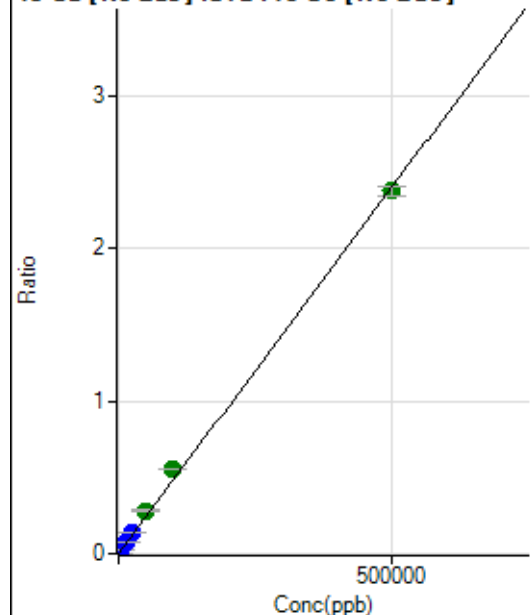
$$y = 6.7556E-004 * x + 0.0525$$

$$R = 1.0000$$

$$DL = 8.009$$

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	243.34	0.0000	P	8.6
2	☐	500.000	470.548	12026.22	0.0023	P	1.1
3	☐	5000.000	5933.023	149086.72	0.0285	P	2.4
4	☐	12500.000	14780.716	349903.44	0.0710	P	0.9
5	☐	25000.000	29219.917	662708.30	0.1402	P	1.2
6	☐	50000.000	59011.275	1269132.27	0.2831	A	1.4
7	☐	100000.00	115247.96	2556639.66	0.5529	A	1.2
8	☐	500000.00	495771.96	10941477.20	2.3784	A	2.4

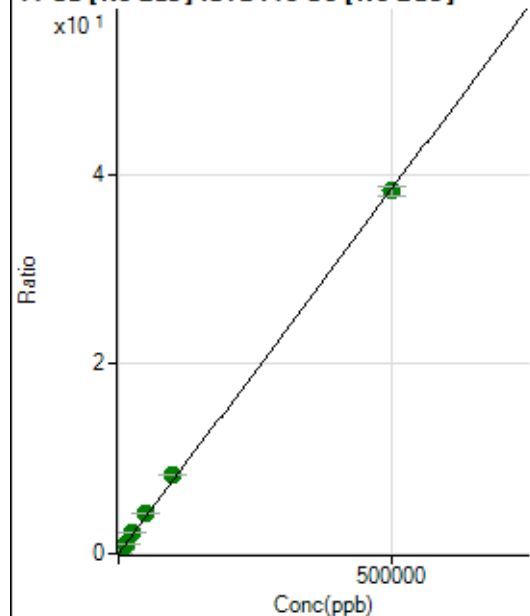
$$y = 4.7972\text{E-}006 * x + 4.7589\text{E-}005$$

$$R = 0.9994$$

$$DL = 2.545$$

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	35288.85	0.0069	P	4.3
2	☐	500.000	462.992	221705.03	0.0425	P	0.5
3	☐	5000.000	5613.606	2292736.51	0.4384	A	1.8
4	☐	12500.000	13900.353	5303078.01	1.0754	A	1.0
5	☐	25000.000	27736.549	10108856.24	2.1389	A	0.4
6	☐	50000.000	54420.059	18782587.50	4.1900	A	1.2
7	☐	100000.00	108114.50	38460687.21	8.3174	A	0.7
8	☐	500000.00	497757.15	176036666.2	38.2681	A	2.6

$$y = 7.6867\text{E-}005 * x + 0.0069$$

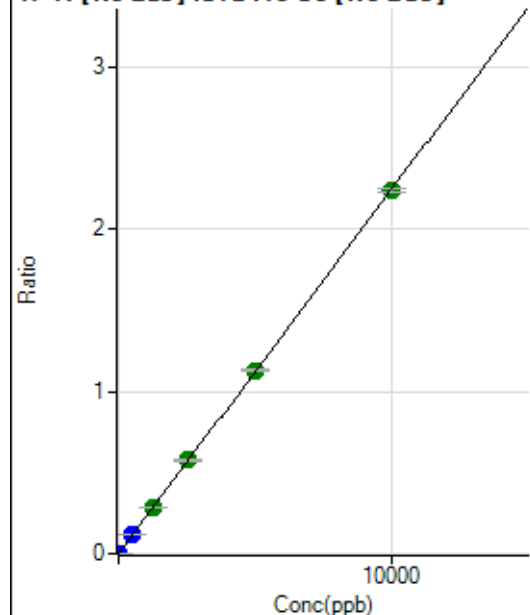
$$R = 0.9998$$

$$DL = 11.53$$

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	117.78	0.0000	P	15.6
2	☐	5.000	5.052	6032.45	0.0012	P	2.7
3	☐	500.000	511.444	600061.78	0.1147	P	2.8
4	☐	1250.000	1269.021	1403785.53	0.2847	A	1.1
5	☐	2500.000	2570.070	2724479.79	0.5765	A	1.1
6	☐	5000.000	5039.299	5066875.10	1.1303	A	0.2
7	☐	10000.000	9959.883	10330008.80	2.2340	A	1.2
8	☐			1804.58	0.0004	P	5.0

$$y = 2.2430E-004 * x + 2.3059E-005$$

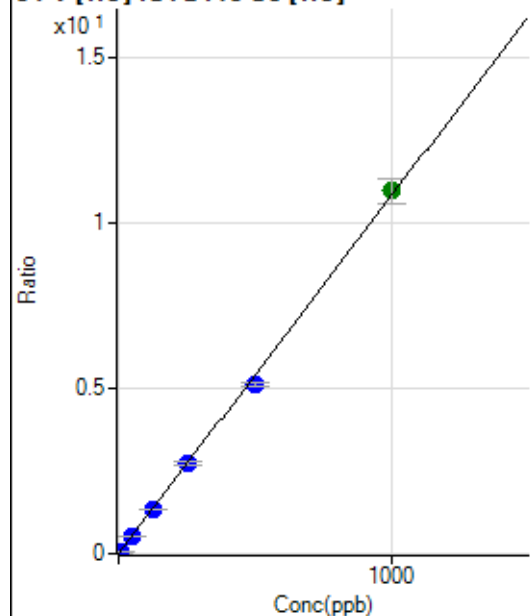
$$R = 1.0000$$

$$DL = 0.04805$$

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	25.56	0.0001	P	7.3
2	☐	5.000	4.432	9216.38	0.0482	P	4.8
3	☐	50.000	48.932	96794.67	0.5308	P	1.0
4	☐	125.000	122.031	229348.31	1.3236	P	0.6
5	☐	250.000	249.964	426657.01	2.7111	P	4.3
6	☐	500.000	474.489	836434.96	5.1461	P	2.3
7	☐	1000.000	1013.192	1711887.46	10.9885	A	6.8
8	☐			580.02	0.0033	P	17.1

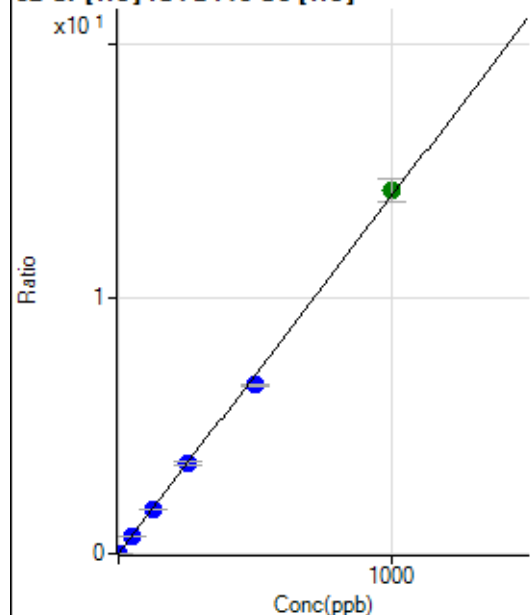
$$y = 0.0108 * x + 1.3850E-004$$

$$R = 0.9995$$

$$DL = 0.002805$$

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	1492.31	0.0081	P	3.5
2	☐	2.000	1.891	6610.49	0.0346	P	5.9
3	☐	50.000	49.022	126728.48	0.6950	P	1.8
4	☐	125.000	120.981	295128.69	1.7032	P	0.3
5	☐	250.000	250.558	553807.27	3.5188	P	3.9
6	☐	500.000	471.341	1074897.60	6.6122	P	1.3
7	☐	1000.000	1014.741	2216659.90	14.2260	A	6.5
8	☐			7376.40	0.0418	P	4.0

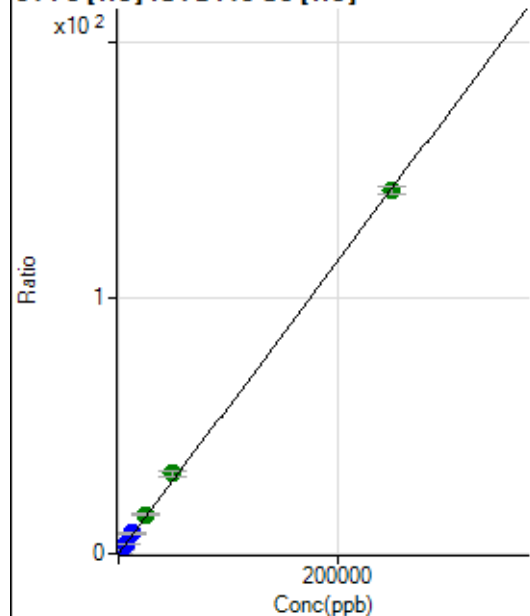
$$y = 0.0140 * x + 0.0081$$

$$R = 0.9994$$

$$DL = 0.06099$$

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	417.79	0.0023	P	9.2
2	☐	50.000	50.191	5896.82	0.0308	P	5.3
3	☐	2500.000	2731.043	284022.22	1.5575	P	0.2
4	☐	6250.000	6824.686	673862.86	3.8888	P	1.0
5	☐	12500.000	13919.396	1248203.18	7.9291	P	3.2
6	☐	25000.000	26825.186	2483594.93	15.2787	A	2.6
7	☐	50000.000	55111.743	4889996.42	31.3873	A	6.7
8	☐	250000.00	248707.48	25012686.57	141.6363	A	2.0

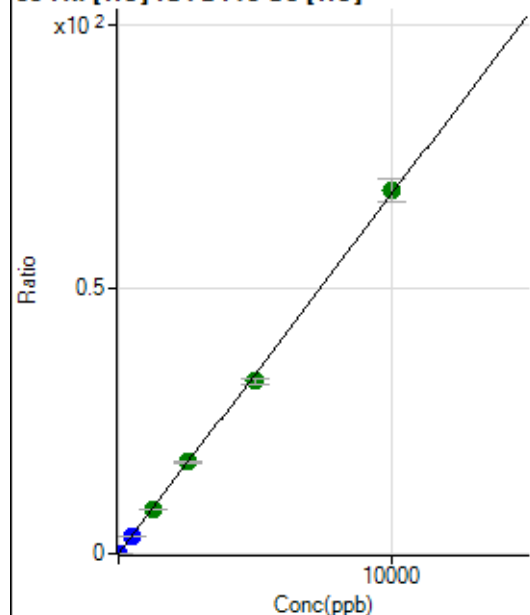
$$y = 5.6948E-004 * x + 0.0023$$

$$R = 0.9998$$

$$DL = 1.098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.78	0.0006	P	15.6
2	☐	1.000	0.995	1415.64	0.0074	P	3.7
3	☐	500.000	498.708	617508.97	3.3863	P	0.6
4	☐	1250.000	1231.790	1449221.45	8.3632	A	1.1
5	☐	2500.000	2545.758	2720867.54	17.2836	A	2.8
6	☐	5000.000	4800.463	5296955.23	32.5907	A	3.1
7	☐	10000.000	10090.670	10674942.34	68.5055	A	6.3
8	☐			6481.62	0.0367	P	8.9

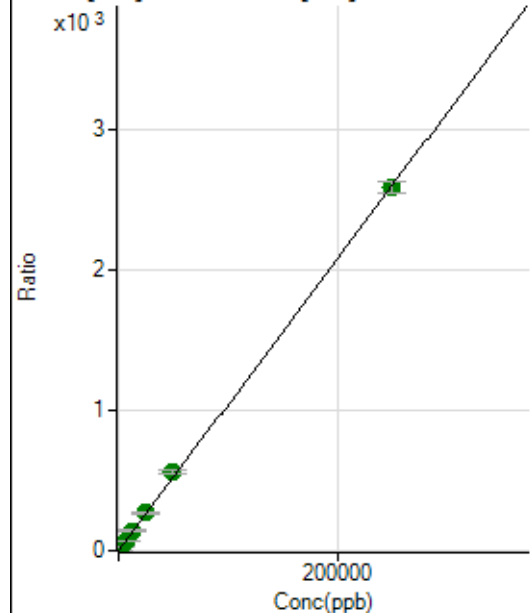
$$y = 0.0068 * x + 6.3773E-004$$

$$R = 0.9997$$

$$DL = 0.0441$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4105.08	0.0223	P	4.6
2	☐	50.000	48.968	101336.02	0.5300	P	4.2
3	☐	2500.000	2695.125	5099987.28	27.9676	A	1.0
4	☐	6250.000	6749.857	12131784.13	70.0104	A	1.1
5	☐	12500.000	13736.382	22420490.77	142.4525	A	3.9
6	☐	25000.000	25781.511	43452073.24	267.3465	A	3.2
7	☐	50000.000	54031.108	87331847.03	560.2619	A	5.6
8	☐	250000.00	249039.36	455991210.9	2,582.270	A	3.1

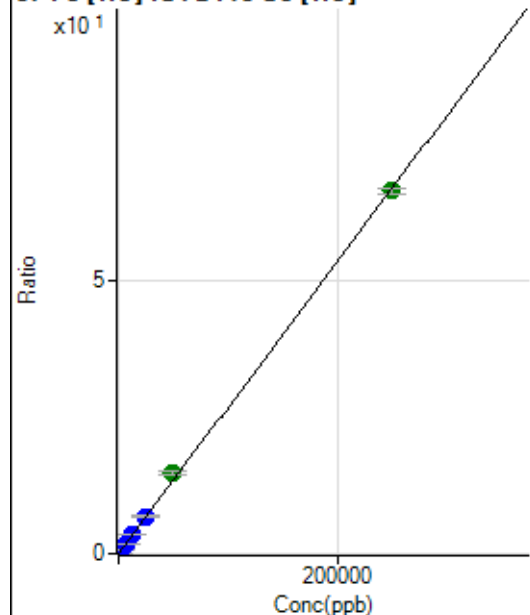
$$y = 0.0104 * x + 0.0223$$

$$R = 0.9999$$

$$DL = 0.2932$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0006	P	23.1
2	☐	50.000	47.957	2566.93	0.0134	P	2.3
3	☐	2500.000	2655.392	129078.56	0.7078	P	0.8
4	☐	6250.000	6557.727	302740.09	1.7472	P	0.7
5	☐	12500.000	13517.482	566726.00	3.6007	P	3.8
6	☐	25000.000	25594.020	1108133.98	6.8171	P	1.8
7	☐	50000.000	55435.180	2301752.10	14.7646	A	5.3
8	☐	250000.00	248793.44	11702551.35	66.2614	A	1.4

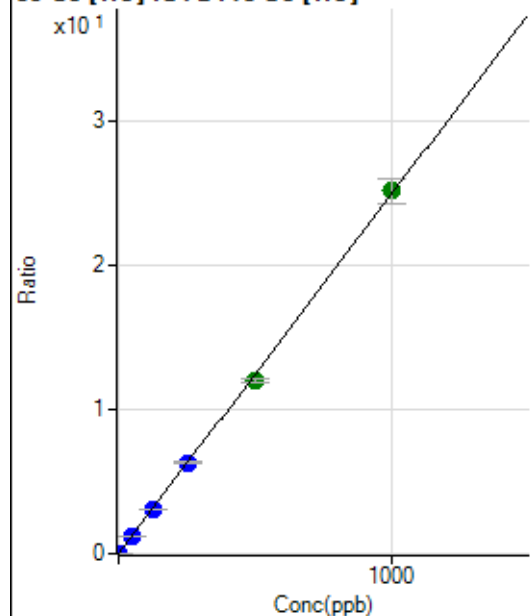
$$y = 2.6633\text{E-}004 * x + 6.4382\text{E-}004$$

$$R = 0.9997$$

$$DL = 1.673$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0004	P	21.7
2	☐	1.000	0.940	4569.67	0.0239	P	5.4
3	☐	50.000	49.810	226970.16	1.2447	P	1.7
4	☐	125.000	123.739	535687.17	3.0914	P	1.0
5	☐	250.000	252.881	994449.27	6.3172	P	3.2
6	☐	500.000	480.981	1952802.94	12.0151	A	2.6
7	☐	1000.000	1008.956	3925925.04	25.2036	A	7.1
8	☐			10748.59	0.0609	P	4.1

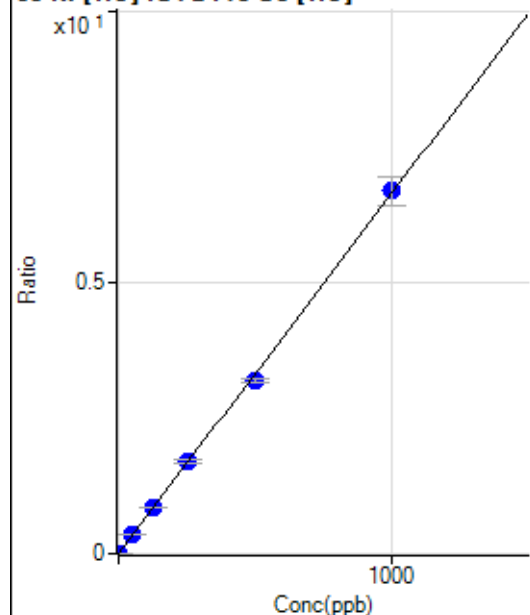
$$y = 0.0250 * x + 4.3413\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.01129$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	85.55	0.0005	P	22.8
2	☐	1.000	0.982	1338.97	0.0070	P	5.1
3	☐	50.000	51.595	62545.70	0.3430	P	1.1
4	☐	125.000	127.353	146582.09	0.8459	P	0.6
5	☐	250.000	256.992	268596.89	1.7066	P	3.9
6	☐	500.000	480.319	518354.82	3.1892	P	2.5
7	☐	1000.000	1007.719	1041896.15	6.6906	P	7.7
8	☐			3483.80	0.0197	P	3.3

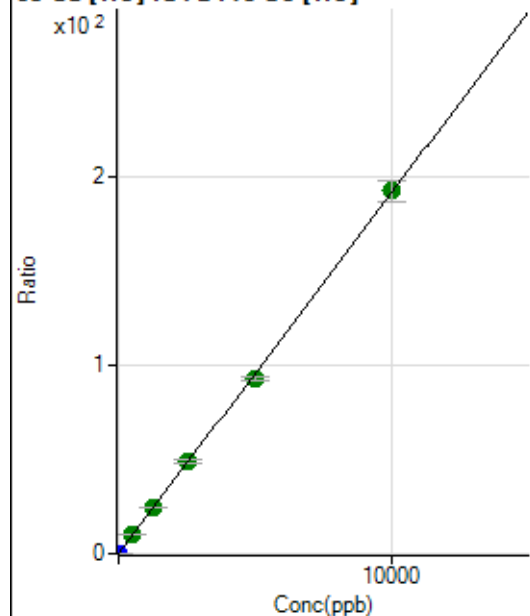
$$y = 0.0066 * x + 4.6360E-004$$

$$R = 0.9997$$

$$DL = 0.04775$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	632.24	0.0034	P	8.0
2	☐	2.000	1.883	7550.96	0.0395	P	5.7
3	☐	500.000	518.341	1811375.27	9.9333	A	1.1
4	☐	1250.000	1271.327	4220844.87	24.3582	A	1.4
5	☐	2500.000	2569.757	7748549.26	49.2323	A	4.0
6	☐	5000.000	4855.528	15119382.69	93.0208	A	2.3
7	☐	10000.000	10051.214	30009291.50	192.5546	A	6.0
8	☐			8163.62	0.0462	P	12.7

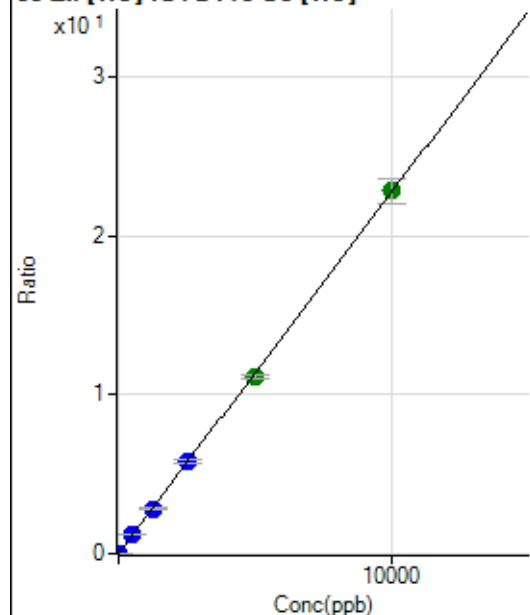
$$y = 0.0192 * x + 0.0034$$

$$R = 0.9998$$

$$DL = 0.04272$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2420.23	0.0131	P	1.5
2	☐	2.000	2.037	3397.11	0.0177	P	1.4
3	☐	500.000	503.623	210899.05	1.1565	P	1.1
4	☐	1250.000	1240.713	490406.55	2.8300	P	1.3
5	☐	2500.000	2541.298	910161.81	5.7828	P	3.8
6	☐	5000.000	4904.529	1812296.00	11.1483	A	1.8
7	☐	10000.000	10038.391	3551971.89	22.8042	A	7.2
8	☐			5631.17	0.0319	P	0.6

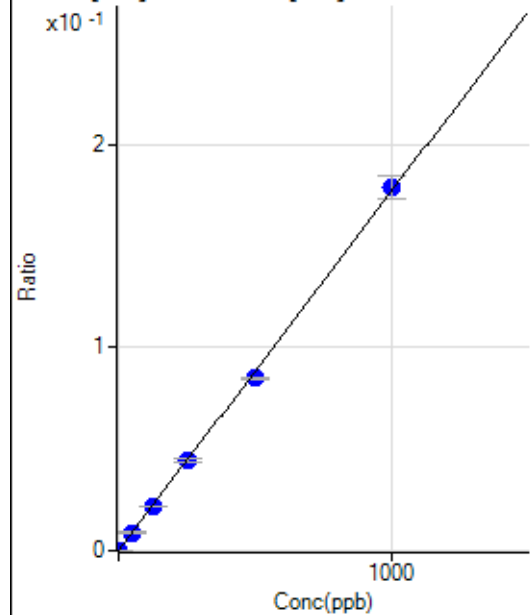
$$y = 0.0023 * x + 0.0131$$

$$R = 0.9999$$

$$DL = 0.2613$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.2
2	☐	1.000	0.986	222.23	0.0002	P	15.8
3	☐	50.000	50.428	10736.41	0.0089	P	2.1
4	☐	125.000	122.721	25075.71	0.0217	P	1.7
5	☐	250.000	253.326	46615.91	0.0448	P	4.9
6	☐	500.000	479.639	91345.46	0.0849	P	1.6
7	☐	1000.000	1009.612	183366.10	0.1787	P	6.3
8	☐			97.78	0.0001	P	21.9

$$y = 1.7700E-004 * x + 2.7533E-006$$

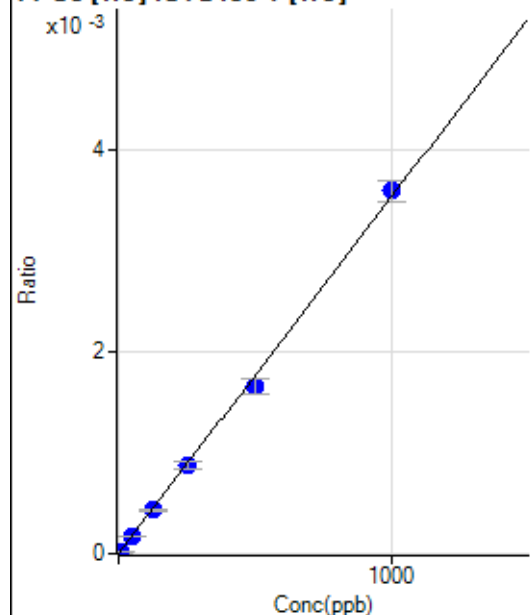
$$R = 0.9997$$

$$DL = 0.08083$$

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	4.279	20.00	0.0000	P	36.0
3	☐	50.000	48.866	208.89	0.0002	P	3.0
4	☐	125.000	122.721	502.24	0.0004	P	5.9
5	☐	250.000	247.676	911.15	0.0009	P	8.0
6	☐	500.000	468.701	1784.57	0.0017	P	9.3
7	☐	1000.000	1016.576	3691.63	0.0036	P	5.5
8	☐			23.33	0.0000	P	13.2

$$y = 3.5370\text{E-}006 * x + 9.1684\text{E-}007$$

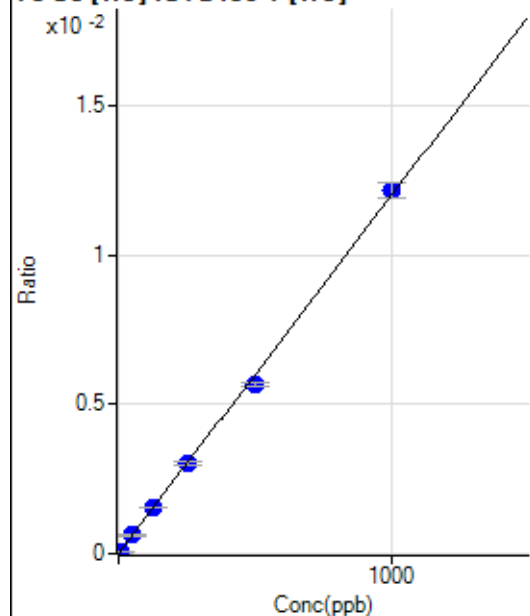
$$R = 0.9993$$

$$DL = 1.347$$

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	13.33	0.0000	P	24.4
2	☐	5.000	5.425	95.56	0.0001	P	9.7
3	☐	50.000	51.566	756.69	0.0006	P	7.3
4	☐	125.000	128.336	1790.13	0.0016	P	2.1
5	☐	250.000	251.383	3145.95	0.0030	P	5.7
6	☐	500.000	473.302	6120.28	0.0057	P	2.5
7	☐	1000.000	1012.506	12484.56	0.0122	P	4.3
8	☐			86.67	0.0001	P	18.0

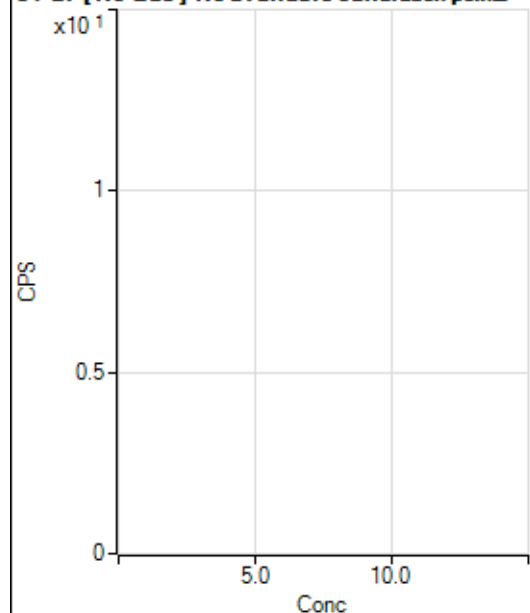
$$y = 1.1996\text{E-}005 * x + 1.0998\text{E-}005$$

$$R = 0.9995$$

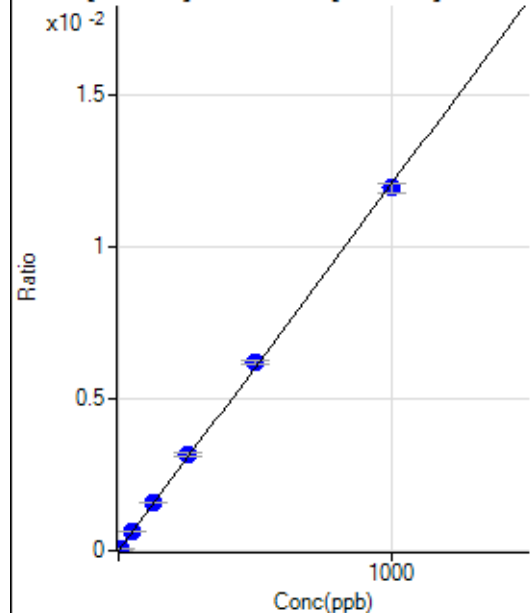
$$DL = 0.6703$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2752.52		P	1.8
2	☐			2799.20		P	2.6
3	☐			2709.18		P	4.3
4	☐			2468.02		P	3.9
5	☐			2391.34		P	2.9
6	☐			2366.89		P	5.9
7	☐			2439.12		P	1.5
8	☐			4078.41		P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-13.34	0.0000	P	-150.
2	☐	5.000	4.932	620.03	0.0001	P	9.3
3	☐	50.000	52.957	6878.49	0.0006	P	2.5
4	☐	125.000	131.305	16502.29	0.0016	P	2.6
5	☐	250.000	261.905	31407.92	0.0032	P	2.4
6	☐	500.000	513.383	59880.44	0.0062	P	1.3
7	☐	1000.000	989.397	118210.17	0.0119	P	2.8
8	☐			695.59	0.0001	P	10.2

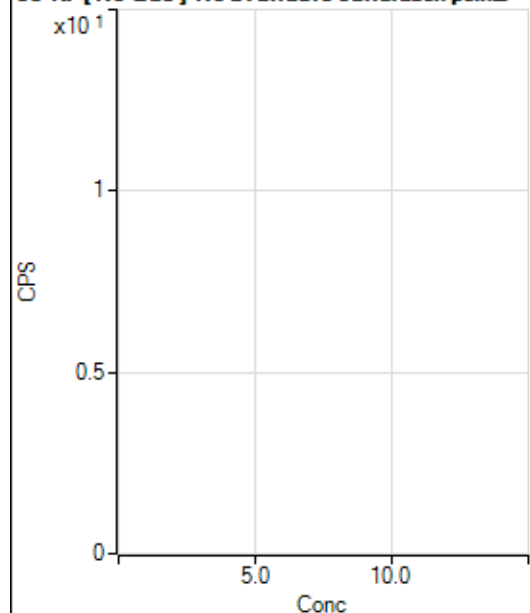
$$y = 1.2060E-005 * x - 1.3216E-006$$

$$R = 0.9998$$

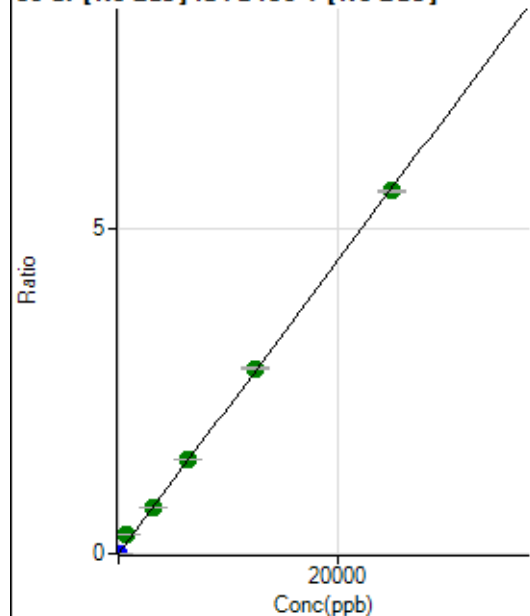
$$DL = 0.4959$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			185.56		P	9.0
2	☐			155.56		P	11.8
3	☐			150.00		P	9.7
4	☐			186.67		P	16.4
5	☐			172.23		P	8.1
6	☐			154.45		P	9.0
7	☐			141.12		P	4.9
8	☐			174.45		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	390.01	0.0000	P	11.3
2	☐	1.000	0.955	2689.17	0.0003	P	2.3
3	☐	625.000	1295.918	3148007.73	0.2917	A	1.9
4	☐	3125.000	3169.227	7439649.96	0.7132	A	1.1
5	☐	6250.000	6434.433	14405642.43	1.4481	A	0.7
6	☐	12500.000	12676.398	27595860.70	2.8528	A	0.9
7	☐	25000.000	24843.392	55401134.17	5.5909	A	0.8
8	☐			7091.91	0.0007	P	3.1

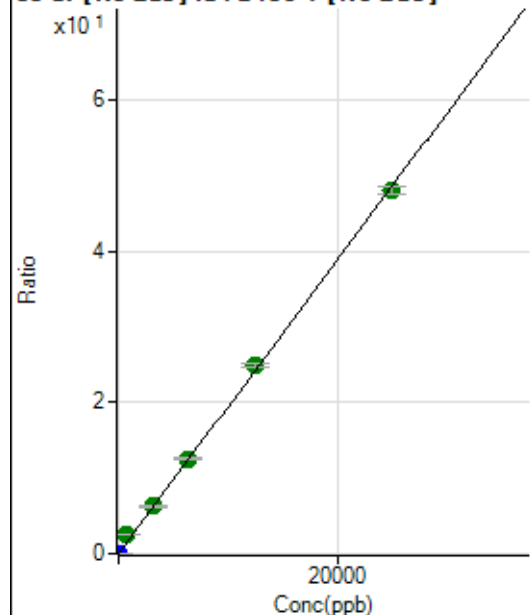
$$y = 2.2504E-004 * x + 3.7427E-005$$

$$R = 0.9997$$

$$DL = 0.05631$$

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	855.59	0.0001	P	5.2
2	☐	1.000	0.969	20895.76	0.0020	P	2.0
3	☐	625.000	1304.923	27317140.42	2.5306	A	1.0
4	☐	3125.000	3225.230	65241186.25	6.2545	A	0.9
5	☐	6250.000	6486.544	125132829.2	12.5790	A	0.8
6	☐	12500.000	12840.731	240873569.7	24.9012	A	1.8
7	☐	25000.000	24740.972	475383624.0	47.9785	A	2.3
8	☐			71305.64	0.0073	P	22.8

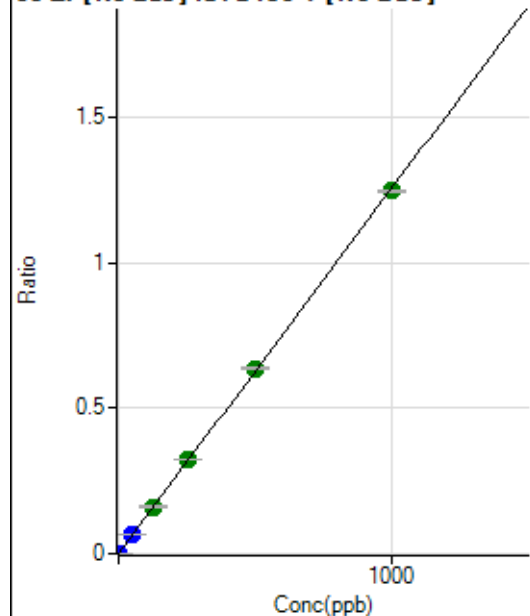
$$y = 0.0019 * x + 8.1933E-005$$

$$R = 0.9996$$

$$DL = 0.006589$$

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	462.23	0.0000	P	3.1
2	☐	1.000	0.924	12827.09	0.0012	P	1.4
3	☐	50.000	50.670	686575.90	0.0636	P	1.8
4	☐	125.000	128.427	1681019.58	0.1612	A	1.0
5	☐	250.000	257.853	3218565.86	0.3235	A	0.3
6	☐	500.000	507.643	6160852.41	0.6369	A	0.8
7	☐	1000.000	993.753	12353925.93	1.2467	A	0.7
8	☐			5681.22	0.0006	P	2.6

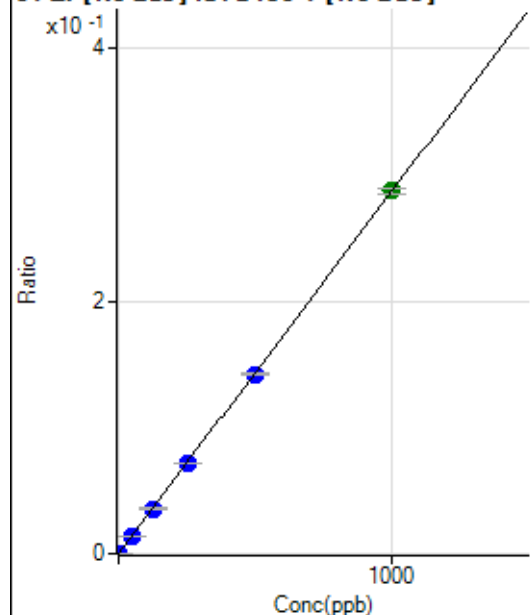
$$y = 0.0013 * x + 4.4244E-005$$

$$R = 0.9999$$

$$DL = 0.003236$$

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	108.89	0.0000	P	15.9
2	☐	1.000	0.895	2843.66	0.0003	P	5.1
3	☐	50.000	49.490	153223.37	0.0142	P	1.7
4	☐	125.000	124.164	371329.25	0.0356	P	1.2
5	☐	250.000	250.057	713171.48	0.0717	P	0.1
6	☐	500.000	495.429	1373824.58	0.1420	P	0.8
7	☐	1000.000	1002.402	2847035.13	0.2873	A	1.7
8	☐			1253.40	0.0001	P	6.7

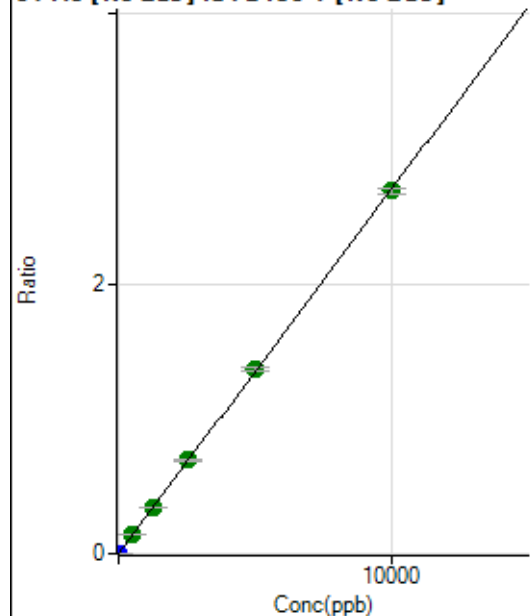
$$y = 2.8664\text{E-}004 * x + 1.0369\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01727$$

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	156.67	0.0000	P	7.6
2	☐	5.000	5.479	15911.41	0.0015	P	1.3
3	☐	500.000	520.412	1515265.48	0.1404	A	3.2
4	☐	1250.000	1269.894	3573749.91	0.3426	A	1.2
5	☐	2500.000	2562.963	6879688.79	0.6915	A	0.9
6	☐	5000.000	5051.064	13181720.64	1.3627	A	1.7
7	☐	10000.000	9955.220	26613459.88	2.6858	A	1.4
8	☐			6351.52	0.0007	P	4.3

$$y = 2.6978\text{E-}004 * x + 1.4952\text{E-}005$$

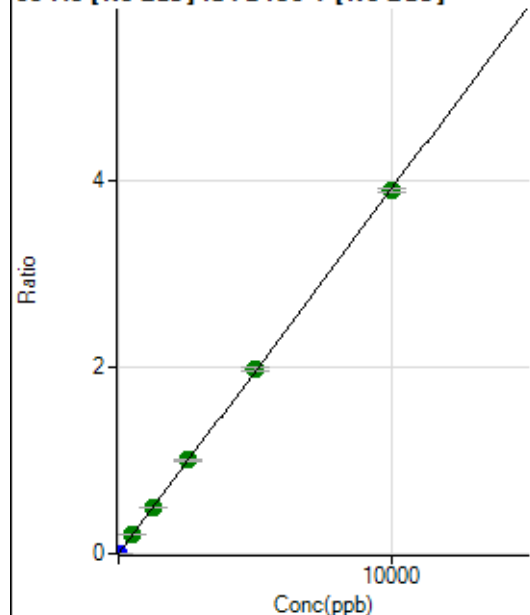
$$R = 1.0000$$

$$DL = 0.01269$$

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	38.89	0.0000	P	44.0
2	☐	5.000	4.655	19483.76	0.0018	P	0.5
3	☐	500.000	521.151	2204884.63	0.2043	A	2.0
4	☐	1250.000	1268.026	5184759.09	0.4970	A	0.4
5	☐	2500.000	2561.785	9991015.96	1.0042	A	1.1
6	☐	5000.000	5069.805	19223108.74	1.9873	A	1.7
7	☐	10000.000	9946.341	38631023.59	3.8988	A	1.1
8	☐			7565.48	0.0008	P	5.4

$$y = 3.9198\text{E-}004 * x + 3.6738\text{E-}006$$

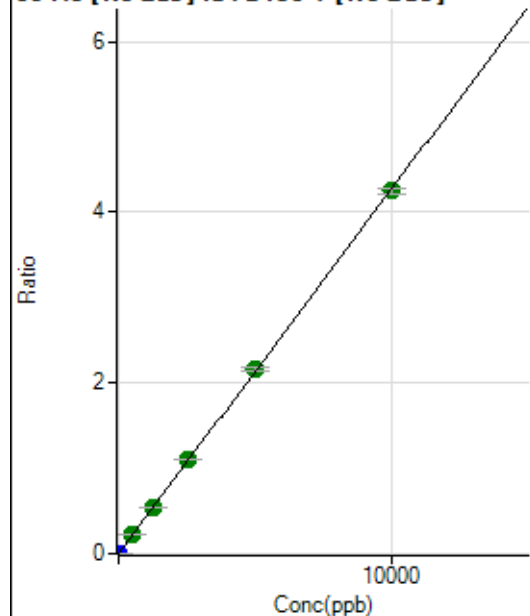
$$R = 0.9999$$

$$DL = 0.01237$$

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	175.56	0.0000	P	1.7
2	☐	5.000	4.777	21914.08	0.0021	P	1.7
3	☐	500.000	513.595	2366713.20	0.2193	A	2.8
4	☐	1250.000	1266.081	5639058.11	0.5406	A	0.5
5	☐	2500.000	2577.683	10948885.53	1.1006	A	0.9
6	☐	5000.000	5054.882	20877261.64	2.1582	A	1.4
7	☐	10000.000	9950.449	42095207.71	4.2484	A	1.3
8	☐			8795.15	0.0009	P	5.6

$$y = 4.2696\text{E-}004 * x + 1.6783\text{E-}005$$

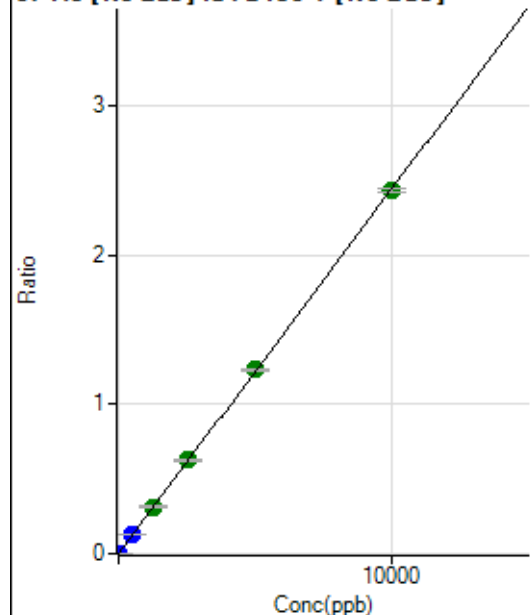
$$R = 0.9999$$

$$DL = 0.002025$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	20.7
2	☐	5.000	4.759	12411.20	0.0012	P	2.4
3	☐	500.000	511.319	1348920.43	0.1250	P	1.9
4	☐	1250.000	1285.813	3278036.72	0.3143	A	1.5
5	☐	2500.000	2562.911	6232377.20	0.6264	A	2.8
6	☐	5000.000	5044.784	11928010.66	1.2331	A	0.9
7	☐	10000.000	9956.838	24114292.42	2.4337	A	1.2
8	☐			4526.35	0.0005	P	5.9

$$y = 2.4443\text{E-}004 * x + 1.5980\text{E-}006$$

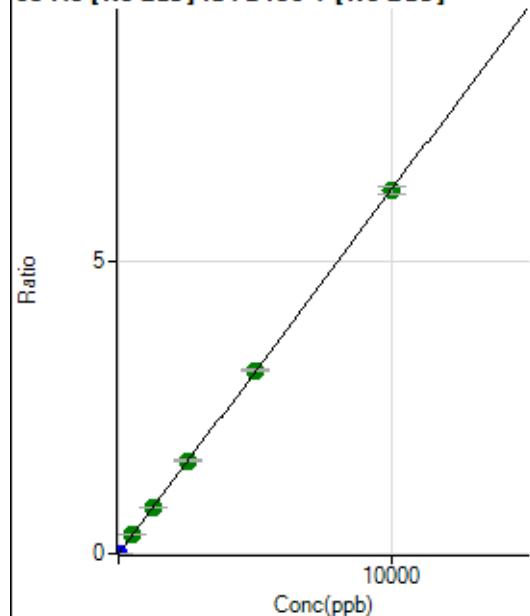
$$R = 1.0000$$

$$DL = 0.004069$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	7.7
2	☐	5.000	4.635	30749.65	0.0029	P	1.3
3	☐	500.000	513.300	3441606.82	0.3189	A	3.3
4	☐	1250.000	1277.235	8277551.26	0.7936	A	1.2
5	☐	2500.000	2544.482	15728780.04	1.5810	A	2.4
6	☐	5000.000	5036.855	30274258.72	3.1296	A	0.9
7	☐	10000.000	9966.383	61355254.64	6.1925	A	2.0
8	☐			11818.57	0.0012	P	3.7

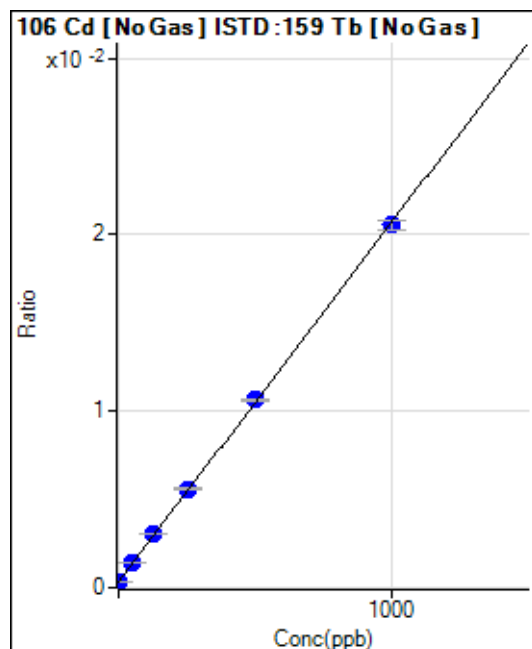
$$y = 6.2134\text{E-}004 * x + 5.8583\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002186$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3052.60	0.0003	P	5.0
2	☐	1.000	0.619	3310.43	0.0003	P	2.6
3	☐	50.000	55.245	14418.78	0.0014	P	1.0
4	☐	125.000	133.057	29625.16	0.0030	P	1.1
5	☐	250.000	257.919	53852.56	0.0056	P	2.1
6	☐	500.000	506.373	99876.25	0.0106	P	1.0
7	☐	1000.000	993.565	194731.62	0.0205	P	2.4
8	☐			2950.35	0.0003	P	1.5

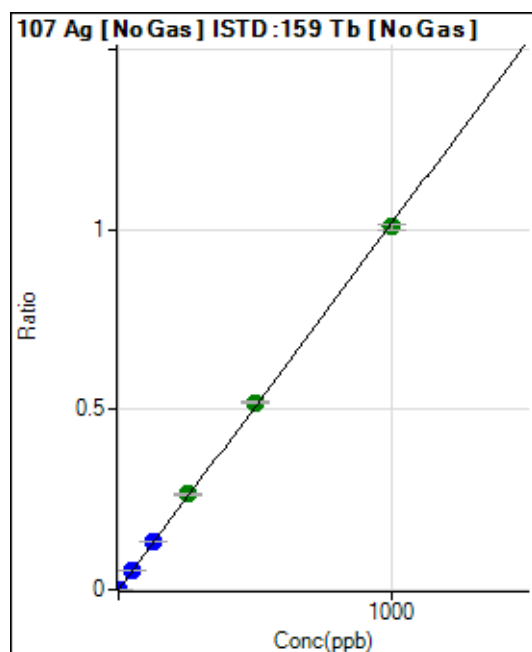
$$y = 2.0356\text{E-}005 * x + 3.2367\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.366$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	15.5
2	☐	1.000	0.934	9389.95	0.0010	P	3.2
3	☐	50.000	53.923	545209.27	0.0548	P	0.9
4	☐	125.000	131.184	1301586.70	0.1332	P	1.2
5	☐	250.000	260.176	2553035.10	0.2642	A	1.5
6	☐	500.000	511.111	4876243.09	0.5191	A	1.4
7	☐	1000.000	990.931	9537019.51	1.0063	A	1.6
8	☐			1902.38	0.0002	P	2.7

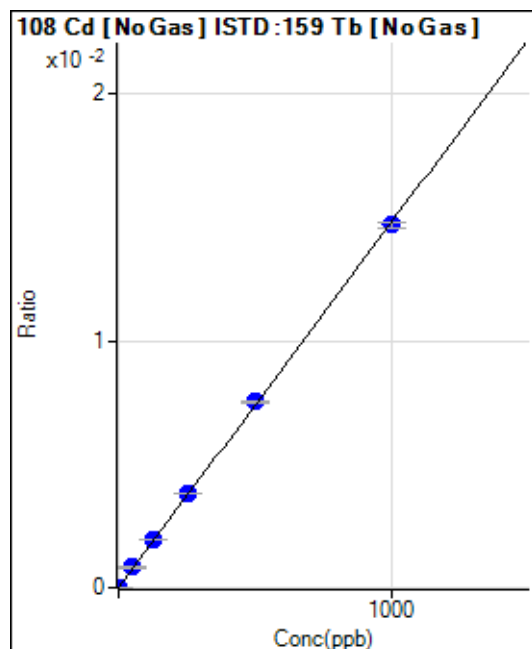
$$y = 0.0010 * x + 5.3152\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.002429$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	46.2
2	☐	1.000	1.126	168.89	0.0000	P	10.5
3	☐	50.000	55.361	8158.03	0.0008	P	3.6
4	☐	125.000	131.305	18982.07	0.0019	P	1.7
5	☐	250.000	257.763	36858.22	0.0038	P	1.2
6	☐	500.000	508.268	70648.96	0.0075	P	0.8
7	☐	1000.000	992.869	139208.32	0.0147	P	1.5
8	☐			120.00	0.0000	P	8.2

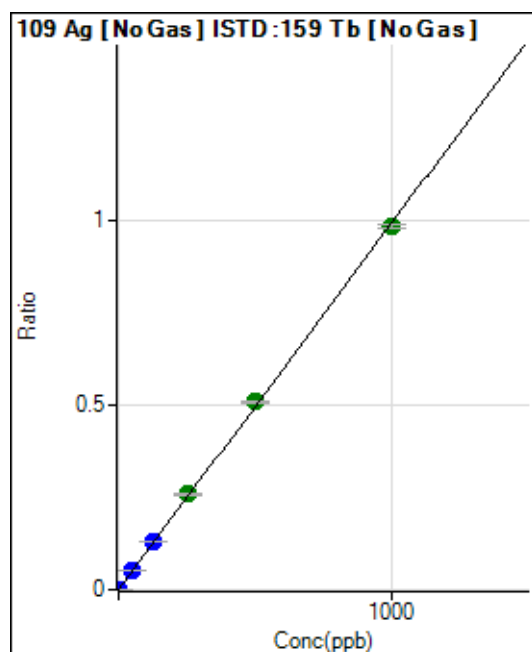
$$y = 1.4794\text{E-}005 * x + 4.7495\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.04449$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	74.3
2	☐	1.000	0.938	9166.45	0.0009	P	1.5
3	☐	50.000	53.993	532395.34	0.0535	P	1.6
4	☐	125.000	132.127	1278577.98	0.1309	P	1.3
5	☐	250.000	260.951	2497201.09	0.2585	A	1.9
6	☐	500.000	512.013	4764575.80	0.5072	A	0.6
7	☐	1000.000	990.165	9295009.93	0.9808	A	1.1
8	☐			1892.37	0.0002	P	4.8

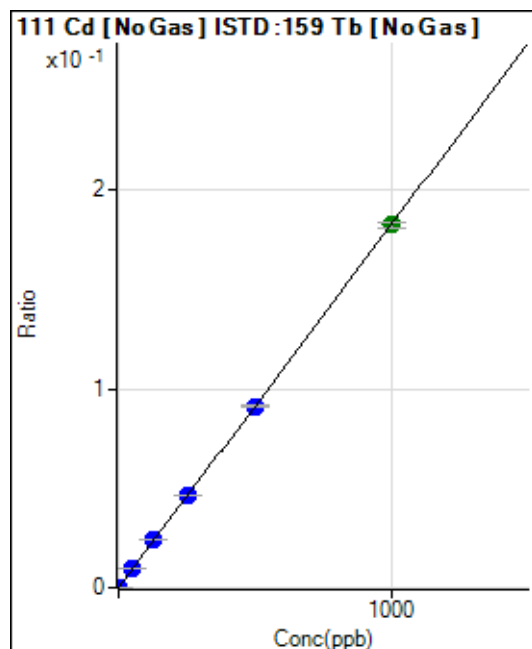
$$y = 9.9050\text{E-}004 * x + 1.4181\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003191$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	619.63	0.0001	P	4.5
2	☐	1.000	0.986	2417.34	0.0002	P	5.9
3	☐	50.000	53.277	97458.87	0.0098	P	0.3
4	☐	125.000	131.558	235248.48	0.0241	P	0.6
5	☐	250.000	252.668	446225.47	0.0462	P	1.0
6	☐	500.000	499.655	857348.32	0.0913	P	1.3
7	☐	1000.000	998.522	1727705.48	0.1823	A	1.8
8	☐			1607.24	0.0002	P	1.9

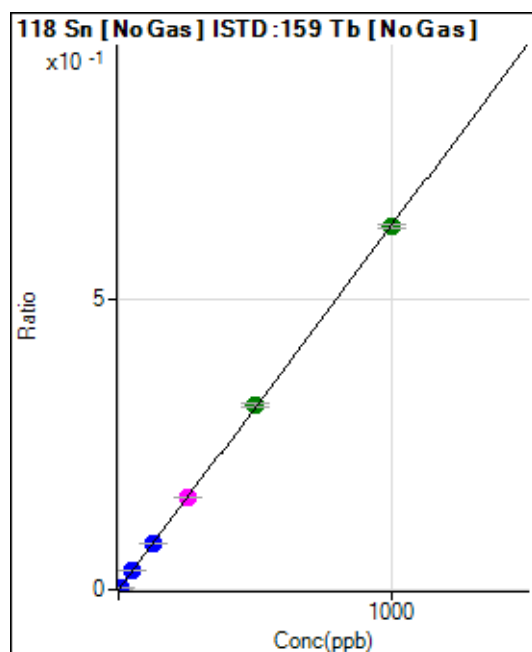
$$y = 1.8251\text{E-}004 * x + 6.5716\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04887$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	608.91	0.0001	P	14.1
2	☐	5.000	4.822	30331.47	0.0031	P	1.6
3	☐	50.000	52.431	327127.64	0.0329	P	0.6
4	☐	125.000	127.989	782710.03	0.0801	P	1.7
5	☐	250.000	251.810	1522594.35	0.1576	M	0.6
6	☐	500.000	505.820	2972879.19	0.3164	A	1.8
7	☐	1000.000	996.143	5905673.66	0.6231	A	1.0
8	☐			3514.94	0.0004	P	2.0

$$y = 6.2548\text{E-}004 * x + 6.4744\text{E-}005$$

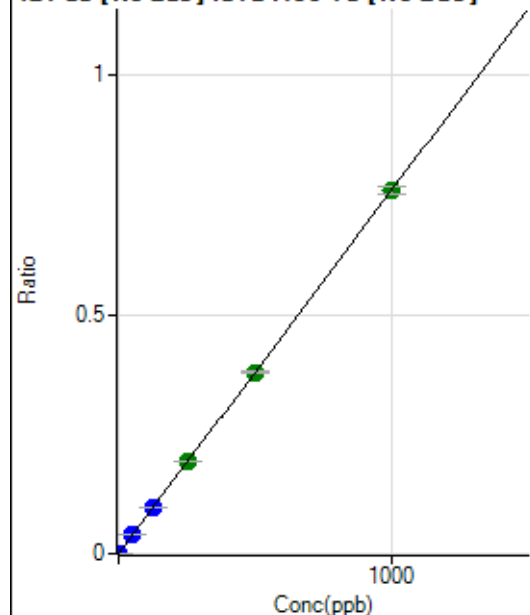
$$R = 1.0000$$

$$DL = 0.04364$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0000	P	16.9
2	☐	2.000	1.960	14696.89	0.0015	P	2.7
3	☐	50.000	51.323	387874.22	0.0390	P	0.5
4	☐	125.000	127.064	942318.33	0.0965	P	0.7
5	☐	250.000	254.280	1864900.01	0.1930	A	1.3
6	☐	500.000	499.676	3563190.47	0.3793	A	1.6
7	☐	1000.000	998.768	7184158.02	0.7581	A	2.2
8	☐			3669.43	0.0004	P	20.9

$$y = 7.5903\text{E-}004 * x + 5.2008\text{E-}006$$

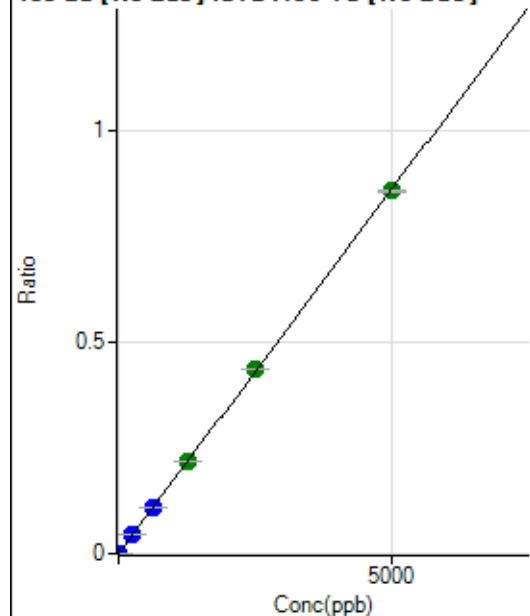
$$R = 1.0000$$

$$DL = 0.003468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.55	0.0000	P	19.1
2	☐	10.000	9.402	16018.45	0.0016	P	3.4
3	☐	250.000	254.442	435752.48	0.0438	P	0.4
4	☐	625.000	634.058	1065436.92	0.1091	P	1.4
5	☐	1250.000	1266.083	2104100.58	0.2178	A	0.9
6	☐	2500.000	2524.953	4079872.23	0.4343	A	0.2
7	☐	5000.000	4982.150	8120914.81	0.8569	A	0.5
8	☐			4444.12	0.0005	P	2.6

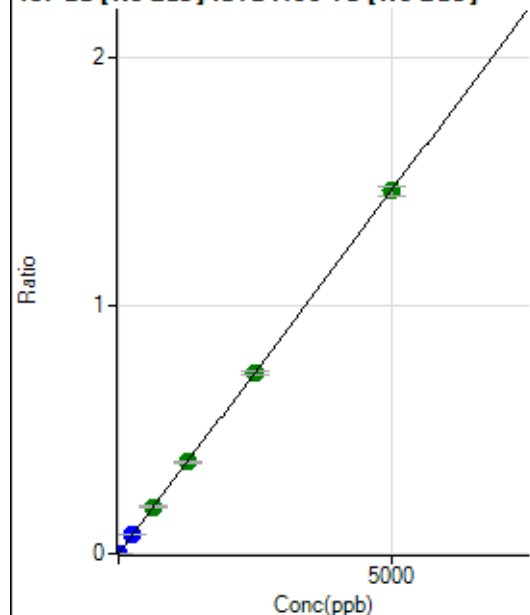
$$y = 1.7198\text{E-}004 * x + 1.0104\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03359$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.22	0.0000	P	28.1
2	☐	10.000	9.544	27565.90	0.0028	P	2.2
3	☐	250.000	258.430	753301.82	0.0757	P	1.8
4	☐	625.000	640.155	1831066.38	0.1874	A	3.0
5	☐	1250.000	1267.665	3585790.09	0.3712	A	2.5
6	☐	2500.000	2494.720	6862089.48	0.7305	A	1.7
7	☐	5000.000	4995.909	13862869.93	1.4628	A	2.4
8	☐			7674.47	0.0008	P	1.7

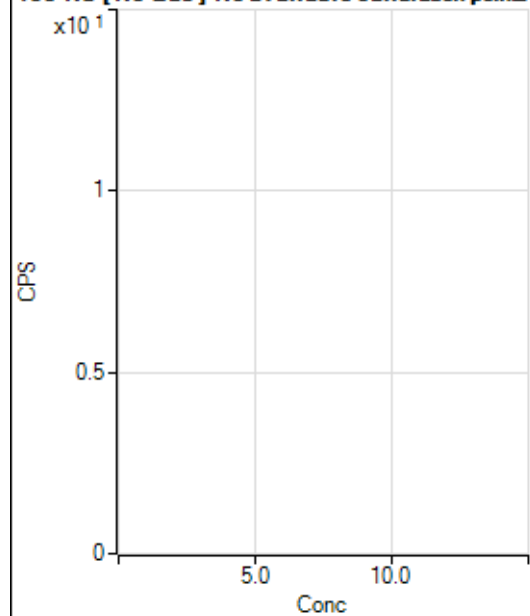
$$y = 2.9280E-004 * x + 5.5556E-006$$

$$R = 1.0000$$

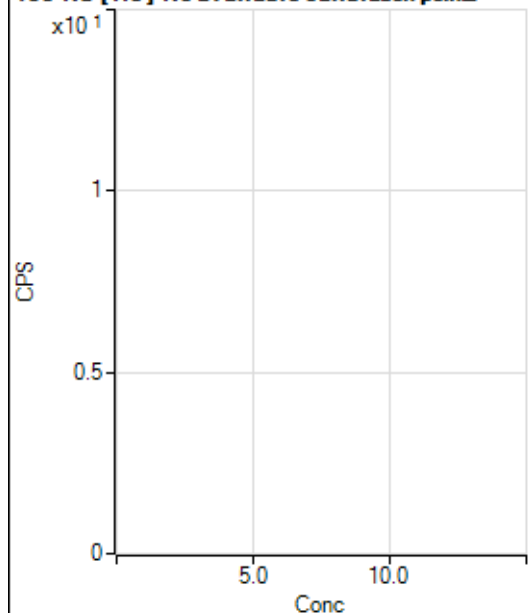
$$DL = 0.01597$$

Weight: <None>

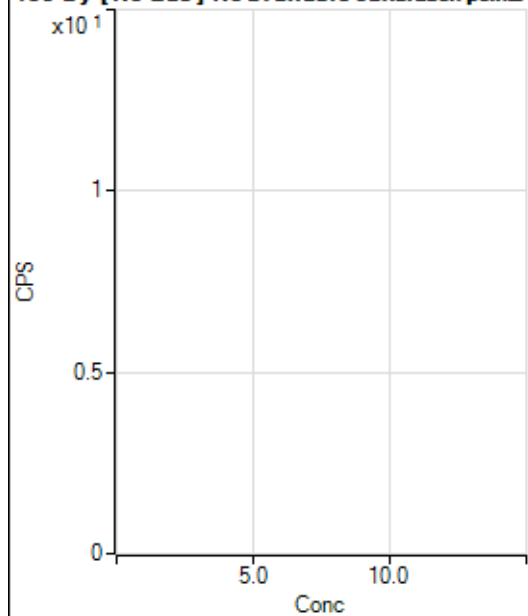
Min Conc: 0

150 Nd [No Gas] No available calibration points

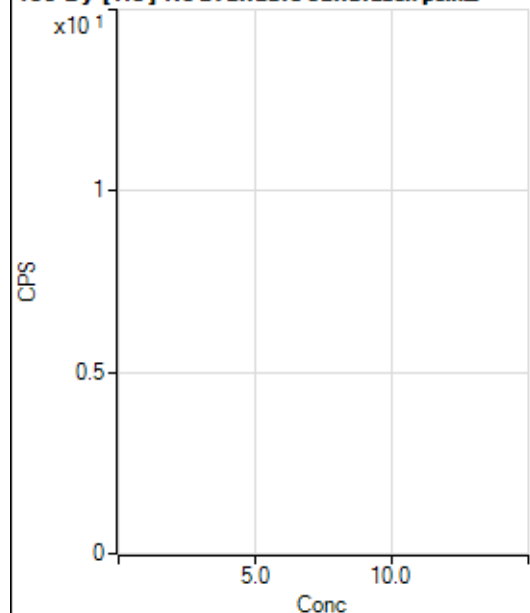
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	58.1
2	☐			12.22		P	31.5
3	☐			37.78		P	27.0
4	☐			61.11		P	27.5
5	☐			107.78		P	10.9
6	☐			182.23		P	13.0
7	☐			365.56		P	2.9
8	☐			313.34		P	13.8

150 Nd [He] No available calibration points

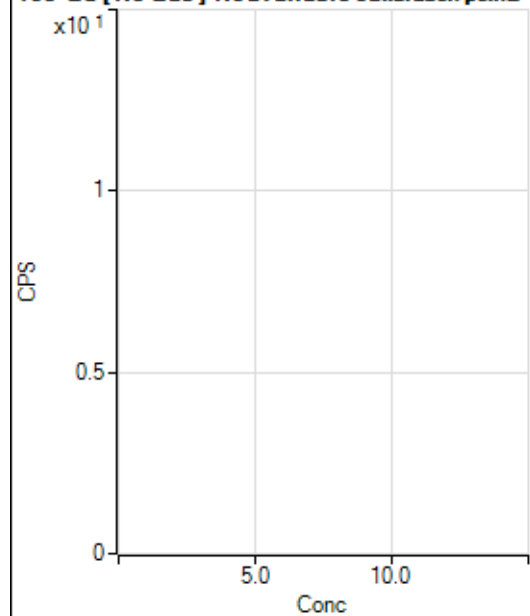
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.56		P	91.6
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			14.45		P	26.7
6	☐			23.33		P	51.5
7	☐			30.00		P	29.4
8	☐			106.67		P	20.5

156 Dy [No Gas] No available calibration points

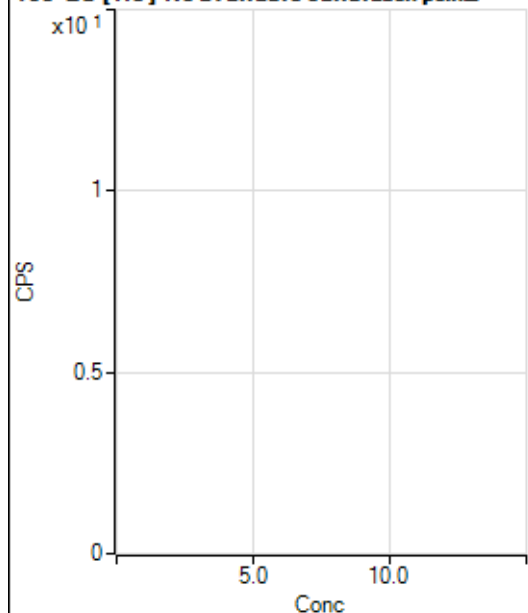
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐			14.44		P	58.1
3	☐			26.67		P	33.1
4	☐			60.00		P	24.2
5	☐			107.78		P	20.6
6	☐			212.23		P	6.5
7	☐			413.35		P	13.2
8	☐			1583.45		P	1.7

156 Dy [He] No available calibration points

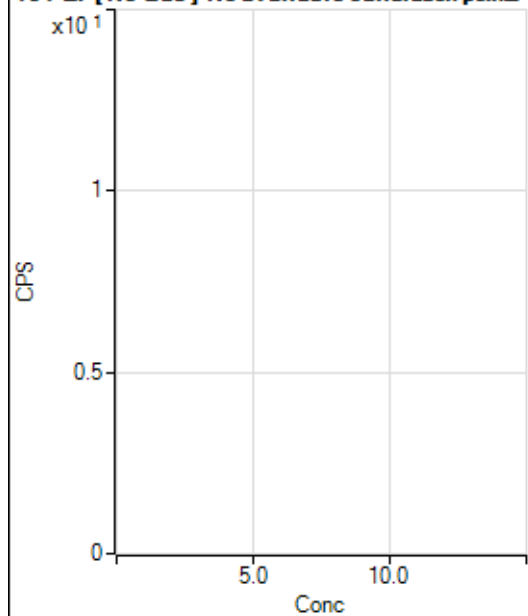
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐			1.11		P	173.2
3	☐			15.55		P	24.8
4	☐			35.55		P	44.3
5	☐			61.11		P	26.9
6	☐			114.45		P	1.7
7	☐			244.45		P	8.7
8	☐			843.37		P	6.6

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

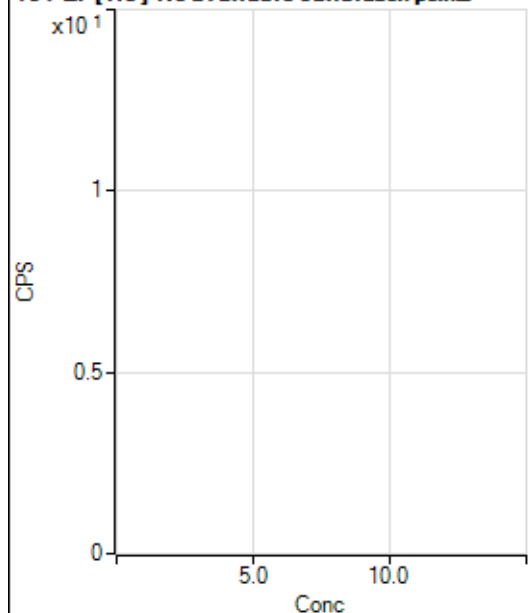
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	24.8
2	☐			78.89		P	14.8
3	☐			95.55		P	7.3
4	☐			136.67		P	8.8
5	☐			156.67		P	9.8
6	☐			231.11		P	16.7
7	☐			418.90		P	18.2
8	☐			1835.70		P	4.8

160 Gd [He] No available calibration points

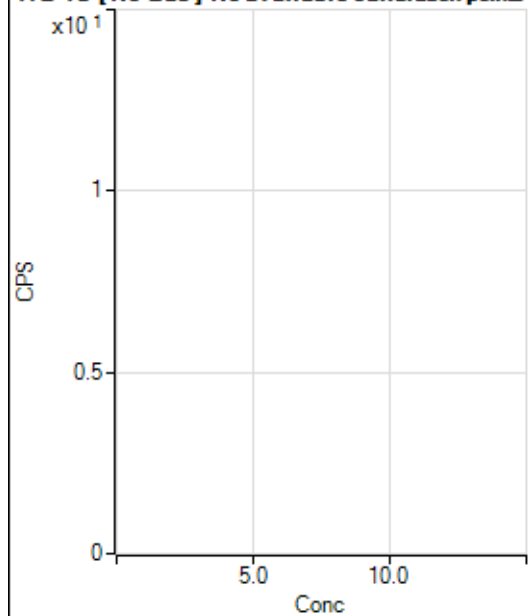
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.78		P	5.2
2	☐			134.45		P	16.9
3	☐			138.89		P	17.4
4	☐			151.12		P	7.1
5	☐			155.56		P	23.6
6	☐			231.12		P	9.8
7	☐			342.23		P	4.1
8	☐			1124.51		P	5.0

164 Er [No Gas] No available calibration points

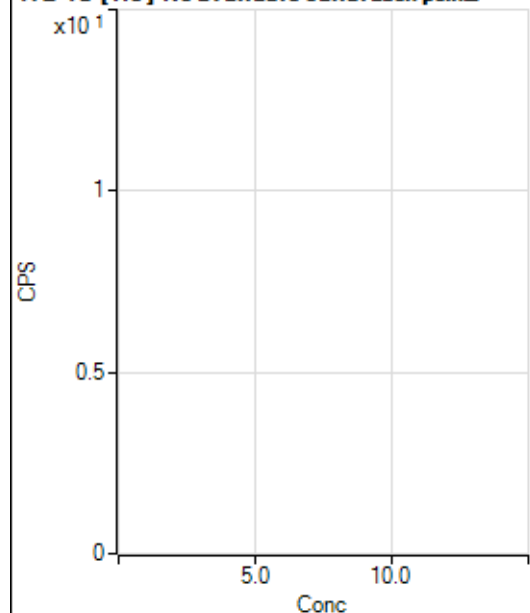
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	3.9
2	☐			76.67		P	4.4
3	☐			75.56		P	37.5
4	☐			87.78		P	21.6
5	☐			84.44		P	25.7
6	☐			93.33		P	3.6
7	☐			143.34		P	26.2
8	☐			295.56		P	9.5

164 Er [He] No available calibration points

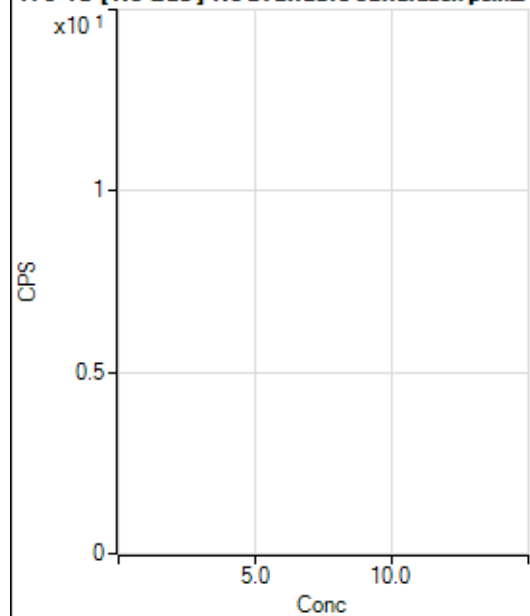
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.45		P	11.2
2	☐			41.11		P	26.1
3	☐			37.78		P	13.5
4	☐			37.78		P	31.0
5	☐			38.89		P	40.5
6	☐			32.22		P	6.0
7	☐			48.89		P	45.4
8	☐			144.45		P	9.6

172 Yb [No Gas] No available calibration points

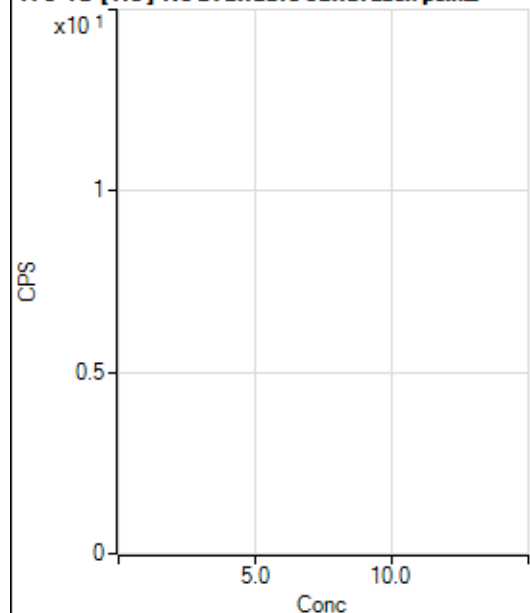
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	42.5
2	☐			65.56		P	43.2
3	☐			76.67		P	8.7
4	☐			85.56		P	9.8
5	☐			116.67		P	2.9
6	☐			115.56		P	6.0
7	☐			168.89		P	21.7
8	☐			220.00		P	13.5

172 Yb [He] No available calibration points

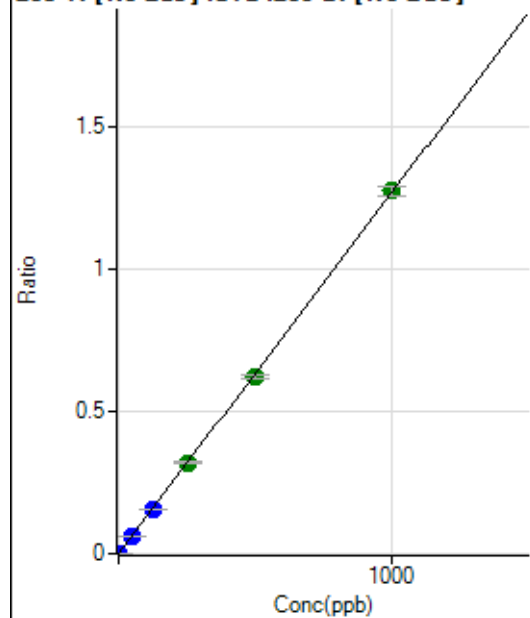
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.55		P	37.9
2	☐			35.55		P	44.3
3	☐			47.78		P	42.6
4	☐			31.11		P	22.3
5	☐			56.67		P	21.2
6	☐			55.55		P	19.3
7	☐			120.00		P	32.0
8	☐			92.22		P	9.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1183.40		P	8.5
2	☐			1333.41		P	2.0
3	☐			2892.57		P	1.6
4	☐			5252.20		P	3.6
5	☐			9297.79		P	3.0
6	☐			17146.80		P	0.5
7	☐			33775.43		P	0.4
8	☐			1394.53		P	1.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12320.33		P	2.9
2	☐			12621.69		P	2.7
3	☐			12826.32		P	0.6
4	☐			13946.37		P	2.8
5	☐			14914.08		P	4.9
6	☐			18695.59		P	2.5
7	☐			25984.57		P	2.5
8	☐			12256.90		P	1.9

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	35.5
2	☐	1.000	0.863	7257.64	0.0011	P	4.5
3	☐	50.000	48.203	393884.95	0.0611	P	1.7
4	☐	125.000	121.540	978671.31	0.1541	P	0.8
5	☐	250.000	251.933	2004862.94	0.3193	A	1.1
6	☐	500.000	489.208	3810791.78	0.6200	A	2.7
7	☐	1000.000	1005.435	7720968.08	1.2743	A	2.4
8	☐			1496.78	0.0003	P	11.0

$$y = 0.0013 * x + 1.1910E-005$$

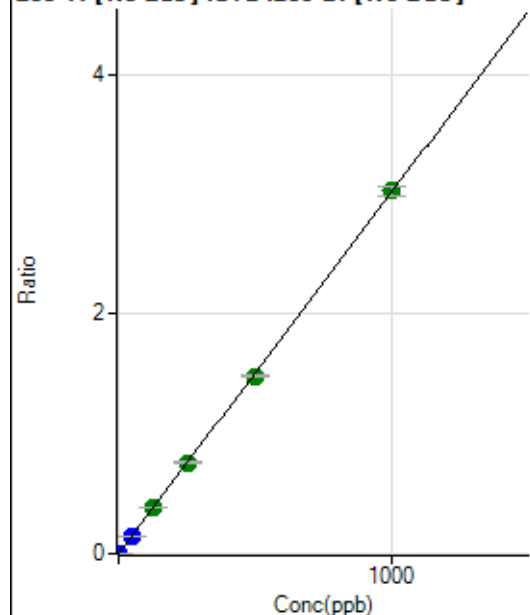
$$R = 0.9999$$

$$DL = 0.01001$$

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	180.00	0.0000	P	22.2
2	☐	1.000	0.894	17890.25	0.0027	P	2.6
3	☐	50.000	48.910	951543.84	0.1476	P	2.0
4	☐	125.000	127.311	2440701.25	0.3842	A	2.7
5	☐	250.000	251.376	4762828.99	0.7586	A	1.4
6	☐	500.000	491.534	9118527.09	1.4833	A	1.1
7	☐	1000.000	1003.654	18350963.06	3.0287	A	2.7
8	☐			3611.78	0.0006	P	9.7

$$y = 0.0030 * x + 2.8595E-005$$

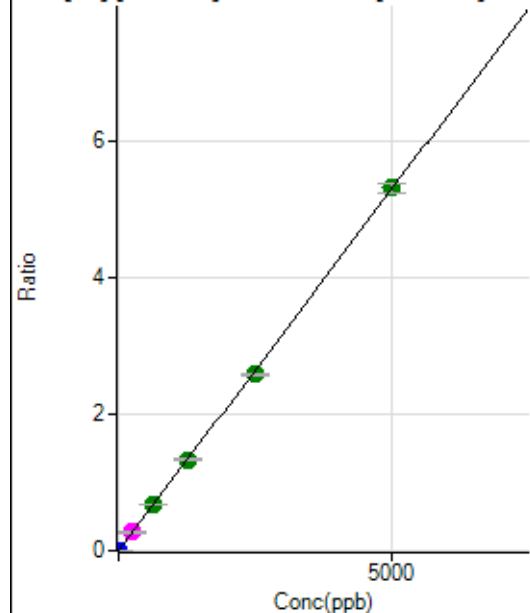
$$R = 0.9999$$

$$DL = 0.006307$$

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	187.78	0.0000	P	8.3
2	☐	1.000	0.880	6301.59	0.0010	P	5.9
3	☐	250.000	253.100	1725359.26	0.2677	M	4.1
4	☐	625.000	635.811	4272180.01	0.6725	A	0.6
5	☐	1250.000	1253.229	8321185.85	1.3255	A	2.0
6	☐	2500.000	2448.305	15918381.43	2.5894	A	1.0
7	☐	5000.000	5023.534	32190604.80	5.3130	A	2.9
8	☐			17236.24	0.0031	P	7.1

$$y = 0.0011 * x + 2.9773E-005$$

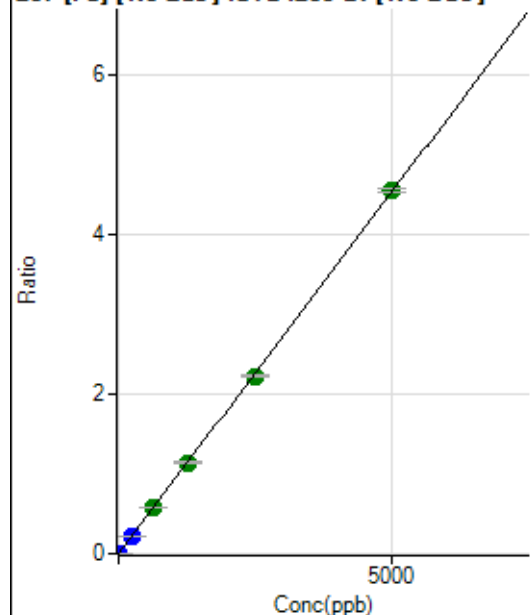
$$R = 0.9999$$

$$DL = 0.006988$$

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	141.12	0.0000	P	20.0
2	☐	1.000	0.887	5431.20	0.0008	P	3.2
3	☐	250.000	247.669	1448180.27	0.2247	P	2.2
4	☐	625.000	635.178	3660249.60	0.5762	A	1.5
5	☐	1250.000	1253.129	7136227.25	1.1367	A	1.8
6	☐	2500.000	2457.986	13706301.19	2.2296	A	1.1
7	☐	5000.000	5019.069	27587784.03	4.5527	A	1.0
8	☐			14544.16	0.0026	P	10.3

$$y = 9.0707\text{E-}004 * x + 2.2502\text{E-}005$$

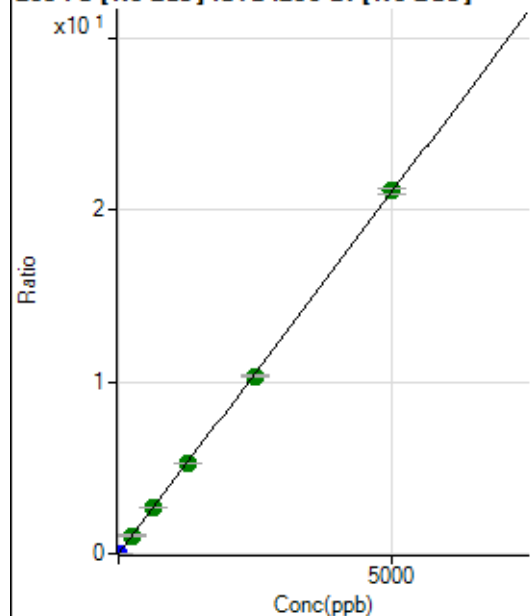
$$R = 0.9999$$

$$DL = 0.01489$$

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	646.68	0.0001	P	4.9
2	☐	1.000	0.875	24842.89	0.0038	P	3.9
3	☐	250.000	252.087	6840656.01	1.0612	A	1.5
4	☐	625.000	629.488	16832944.33	2.6497	A	1.3
5	☐	1250.000	1250.376	33044719.23	5.2631	A	1.2
6	☐	2500.000	2458.837	63626447.67	10.3496	A	0.7
7	☐	5000.000	5019.822	128029105.6	21.1292	A	1.7
8	☐			67605.13	0.0121	P	8.4

$$y = 0.0042 * x + 1.0270\text{E-}004$$

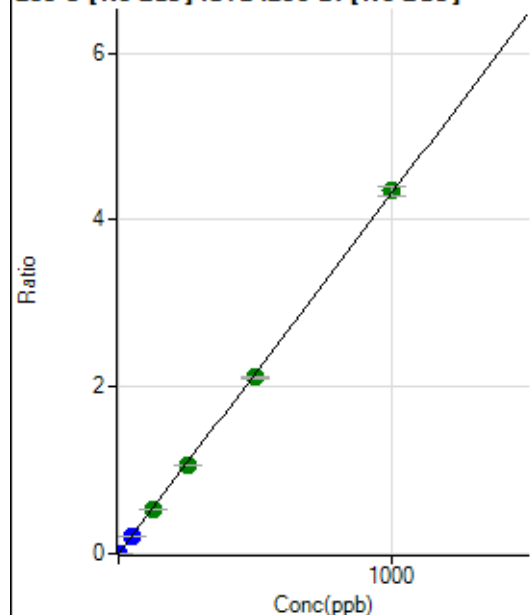
$$R = 0.9999$$

$$DL = 0.0036$$

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	30.00	0.0000	P	8.1
2	☐	1.000	0.857	24304.56	0.0037	P	4.6
3	☐	50.000	47.056	1309165.07	0.2031	P	2.3
4	☐	125.000	122.074	3347246.69	0.5269	A	1.5
5	☐	250.000	244.599	6629087.61	1.0557	A	0.6
6	☐	500.000	489.105	12976538.28	2.1110	A	1.6
7	☐	1000.000	1007.311	26342642.11	4.3477	A	2.6
8	☐			9006.86	0.0016	P	8.0

$$y = 0.0043 * x + 4.7532E-006$$

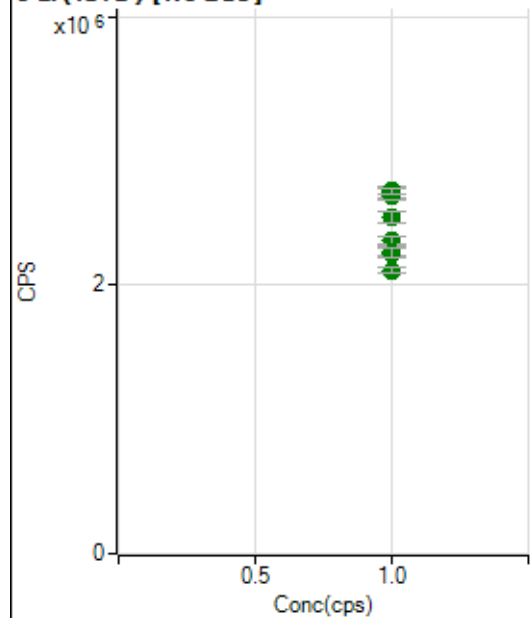
$$R = 0.9999$$

$$DL = 0.0002666$$

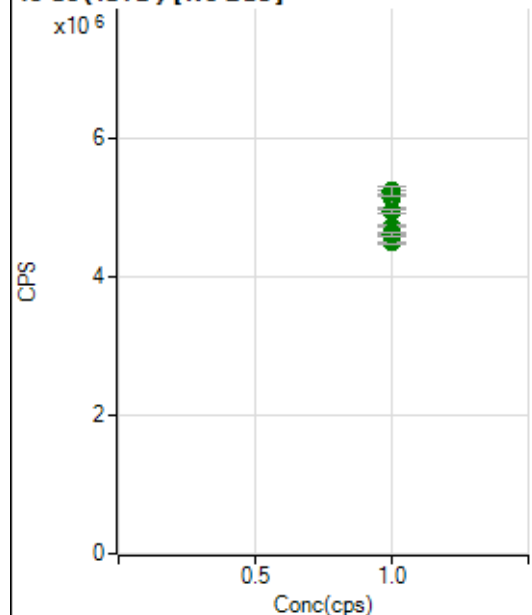
Weight: <None>

Min Conc: 0

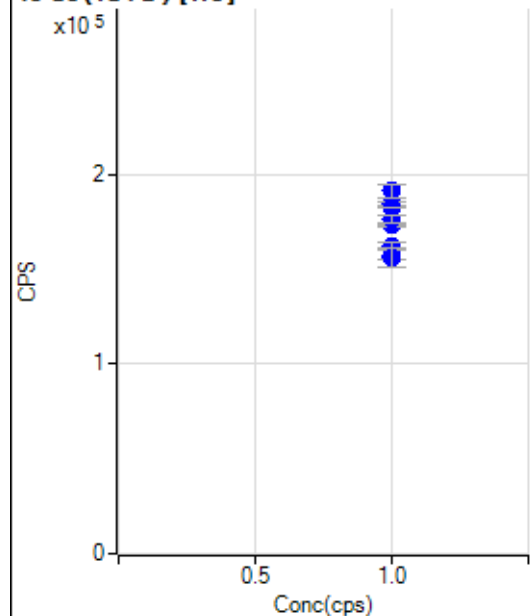
6 Li (ISTD) [No Gas]



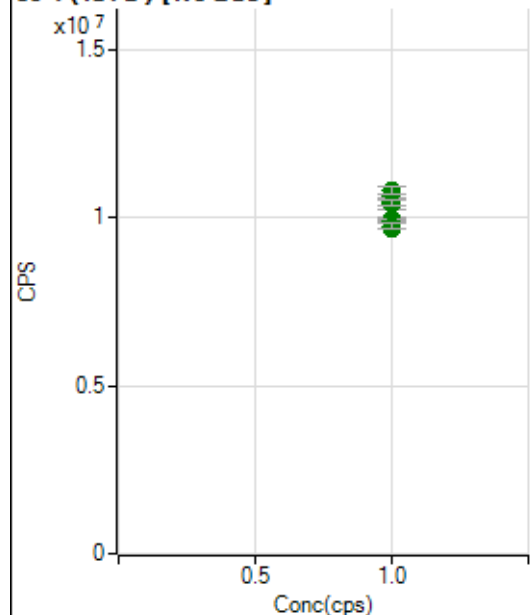
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2686531.17		A	3.2
2	☐	1.000		2656778.38		A	1.5
3	☐	1.000		2701450.94		A	1.3
4	☐	1.000		2505712.42		A	3.6
5	☐	1.000		2336770.41		A	2.4
6	☐	1.000		2252805.43		A	3.6
7	☐	1.000		2236543.20		A	3.4
8	☐	1.000		2111825.14		A	1.5

45 Sc (ISTD) [No Gas]

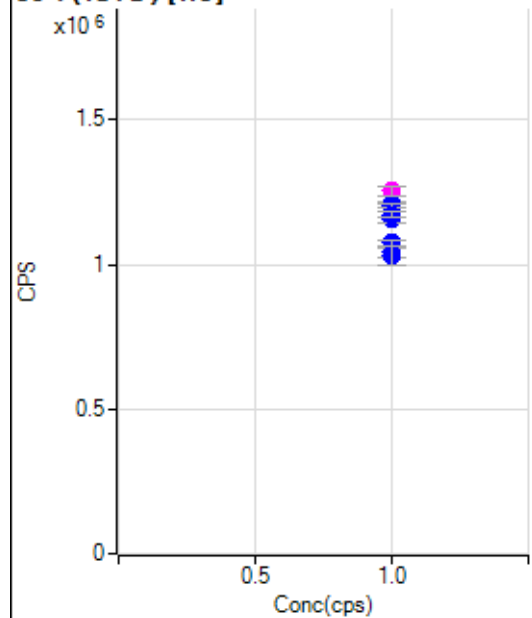
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5120386.42		A	4.8
2	☐	1.000		5217988.57		A	1.1
3	☐	1.000		5231386.94		A	2.7
4	☐	1.000		4931689.79		A	1.1
5	☐	1.000		4726071.91		A	0.4
6	☐	1.000		4482653.89		A	0.7
7	☐	1.000		4624114.41		A	0.6
8	☐	1.000		4601401.60		A	1.6

45 Sc (ISTD) [He]

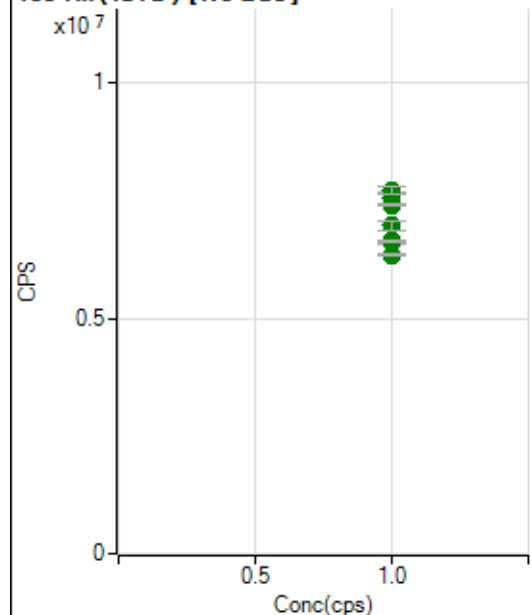
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		184514.26		P	0.9
2	☐	1.000		191419.19		P	4.0
3	☐	1.000		182352.83		P	0.1
4	☐	1.000		173279.38		P	0.6
5	☐	1.000		157517.58		P	3.2
6	☐	1.000		162594.07		P	2.3
7	☐	1.000		156276.18		P	6.9
8	☐	1.000		176644.71		P	2.0

89 Y (ISTD) [No Gas]

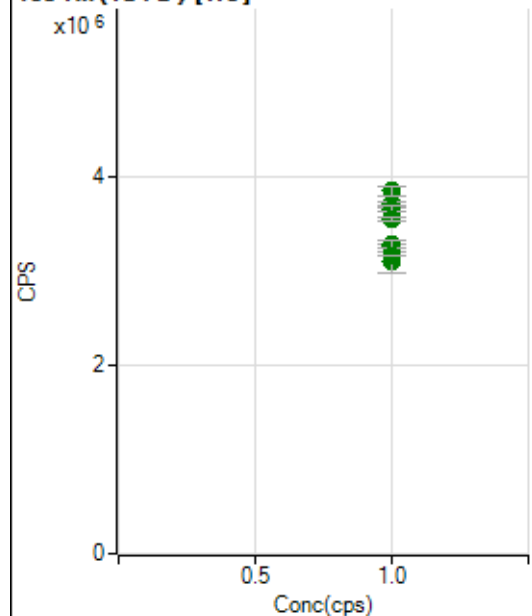
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10455105.12		A	4.4
2	☐	1.000		10657173.04		A	1.2
3	☐	1.000		10796051.72		A	2.3
4	☐	1.000		10431651.37		A	1.7
5	☐	1.000		9948525.89		A	1.5
6	☐	1.000		9673652.49		A	0.5
7	☐	1.000		9909239.51		A	1.0
8	☐	1.000		9743733.12		A	1.5

89 Y (ISTD) [He]

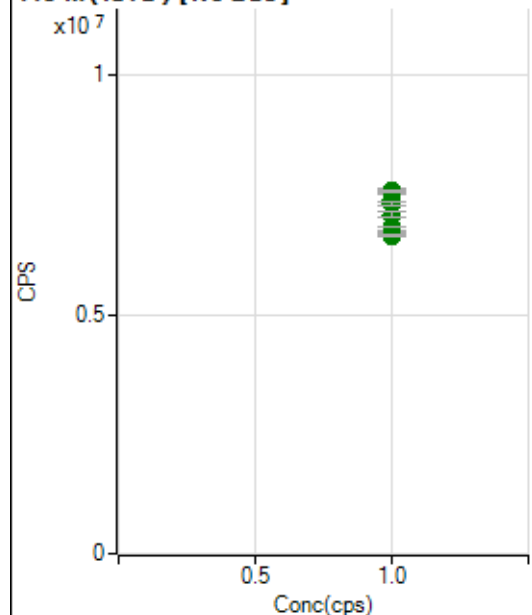
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1210987.05		P	0.7
2	☐	1.000		1253967.98		M	2.7
3	☐	1.000		1202428.45		P	1.4
4	☐	1.000		1154439.07		P	1.5
5	☐	1.000		1040807.53		P	3.7
6	☐	1.000		1076154.14		P	1.8
7	☐	1.000		1028834.18		P	6.3
8	☐	1.000		1170486.47		P	1.6

103 Rh (ISTD) [No Gas]

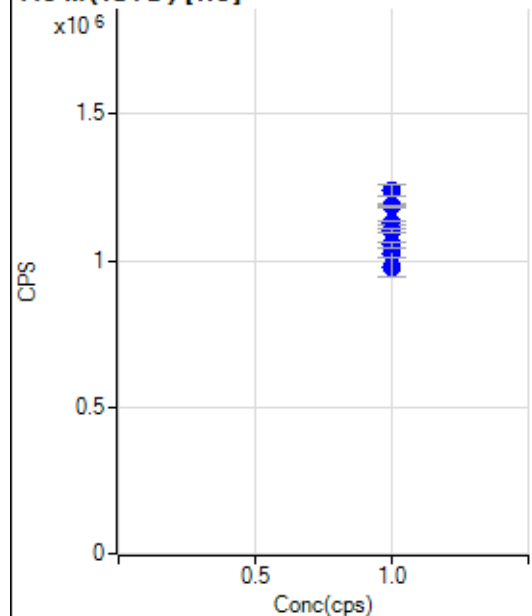
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7544845.72		A	3.2
2	☐	1.000		7652138.15		A	0.5
3	☐	1.000		7705485.99		A	2.1
4	☐	1.000		7402163.64		A	0.8
5	☐	1.000		6977506.29		A	3.0
6	☐	1.000		6625209.56		A	1.1
7	☐	1.000		6640120.73		A	0.6
8	☐	1.000		6348129.56		A	0.8

103 Rh (ISTD) [He]

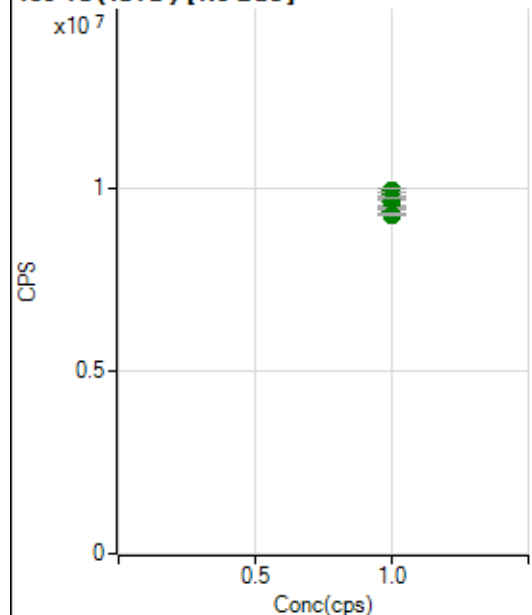
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3705232.97		A	1.2
2	☐	1.000		3849088.52		A	2.5
3	☐	1.000		3661423.42		A	1.3
4	☐	1.000		3553221.06		A	0.9
5	☐	1.000		3264453.94		A	1.7
6	☐	1.000		3277691.96		A	2.4
7	☐	1.000		3098229.85		A	7.2
8	☐	1.000		3162109.29		A	0.6

115 In (ISTD) [No Gas]

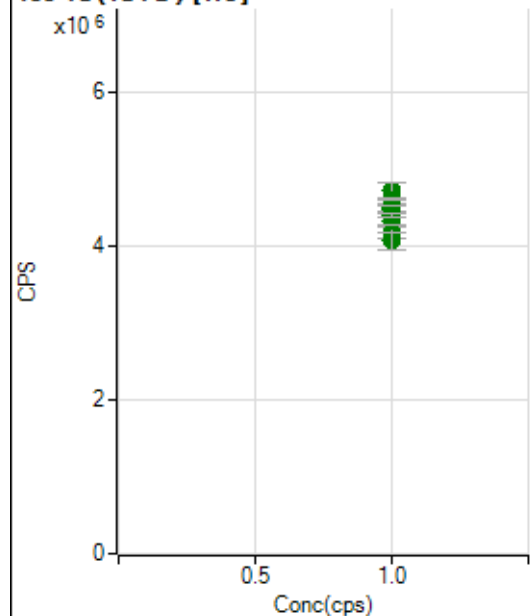
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7408786.06		A	3.7
2	☐	1.000		7580753.27		A	1.8
3	☐	1.000		7592196.44		A	0.7
4	☐	1.000		7313008.37		A	1.0
5	☐	1.000		7093400.30		A	1.7
6	☐	1.000		6745402.70		A	0.9
7	☐	1.000		6843293.38		A	0.2
8	☐	1.000		6652635.81		A	0.8

115 In (ISTD) [He]

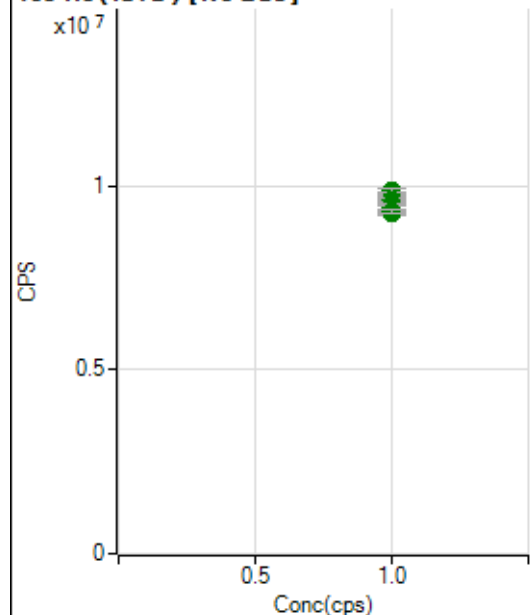
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1190160.91		P	0.6
2	☐	1.000		1237380.22		P	3.1
3	☐	1.000		1186150.01		P	0.5
4	☐	1.000		1130159.82		P	1.1
5	☐	1.000		1025989.03		P	3.2
6	☐	1.000		1053289.80		P	2.2
7	☐	1.000		977226.62		P	7.3
8	☐	1.000		1103160.20		P	1.2

159 Tb (ISTD) [No Gas]

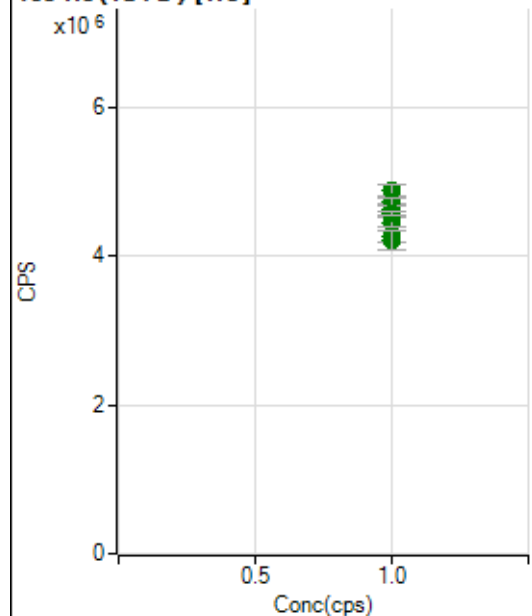
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9427172.22		A	2.5
2	☐	1.000		9846388.67		A	1.1
3	☐	1.000		9955781.87		A	1.0
4	☐	1.000		9770401.66		A	1.0
5	☐	1.000		9663939.99		A	2.1
6	☐	1.000		9395071.80		A	0.8
7	☐	1.000		9477749.72		A	0.8
8	☐	1.000		9313632.64		A	0.8

159 Tb (ISTD) [He]

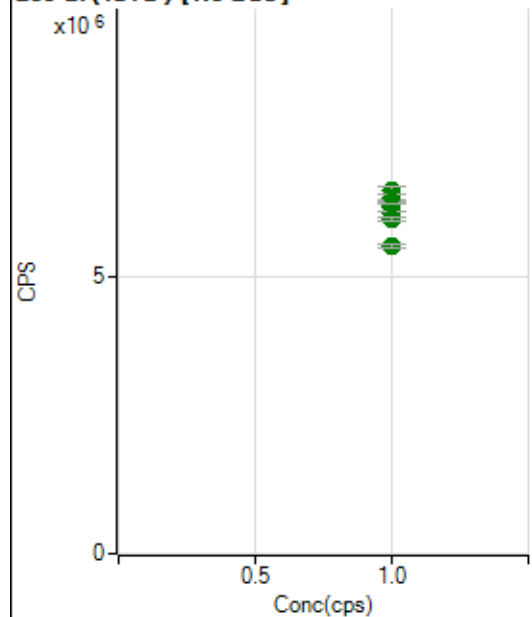
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4512376.88		A	2.1
2	☐	1.000		4720939.72		A	4.2
3	☐	1.000		4614726.98		A	0.9
4	☐	1.000		4481615.91		A	2.0
5	☐	1.000		4173975.53		A	3.6
6	☐	1.000		4335724.76		A	2.2
7	☐	1.000		4076777.65		A	5.4
8	☐	1.000		4399418.30		A	1.0

165 Ho (ISTD) [No Gas]

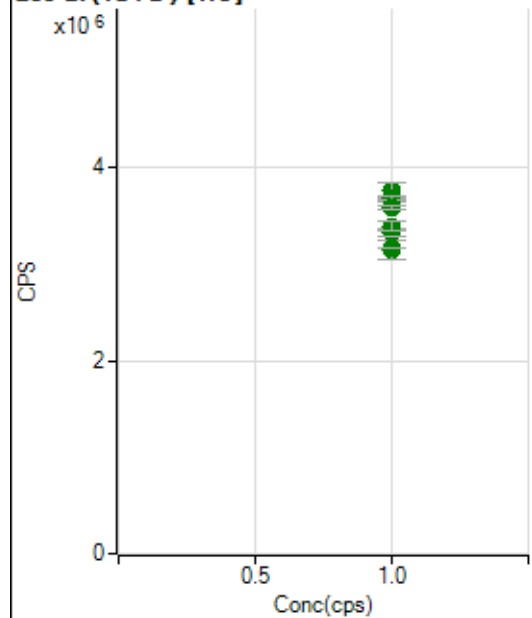
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9433115.21		A	3.8
2	☐	1.000		9758880.55		A	0.6
3	☐	1.000		9876894.85		A	1.0
4	☐	1.000		9636813.40		A	0.9
5	☐	1.000		9395636.11		A	1.9
6	☐	1.000		9502661.46		A	0.4
7	☐	1.000		9275154.51		A	1.6
8	☐	1.000		9309113.47		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4622292.22		A	3.2
2	☐	1.000		4878037.84		A	3.0
3	☐	1.000		4721737.22		A	2.2
4	☐	1.000		4577387.74		A	1.4
5	☐	1.000		4261141.50		A	3.9
6	☐	1.000		4455321.19		A	2.7
7	☐	1.000		4204563.00		A	6.2
8	☐	1.000		4568373.61		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6301794.91		A	3.7
2	☐	1.000		6567718.79		A	2.2
3	☐	1.000		6447519.35		A	2.0
4	☐	1.000		6353086.36		A	0.6
5	☐	1.000		6279670.25		A	2.3
6	☐	1.000		6148245.88		A	2.0
7	☐	1.000		6060008.52		A	1.0
8	☐	1.000		5579517.28		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3653433.35		A	1.0
2	☐	1.000		3756523.94		A	4.2
3	☐	1.000		3687015.05		A	0.8
4	☐	1.000		3587183.38		A	1.0
5	☐	1.000		3327236.24		A	2.4
6	☐	1.000		3390391.51		A	2.7
7	☐	1.000		3152494.78		A	6.4
8	☐	1.000		3159150.65		A	0.2