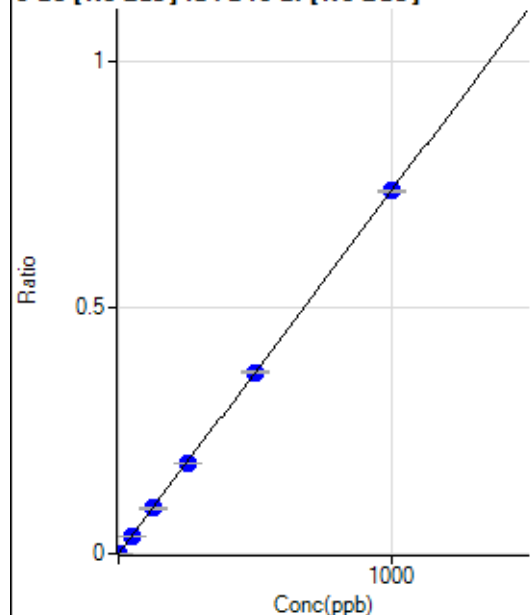


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8122019-MS.b\
Analysis File: P8122019-MS.batch.bin
DA Date-Time: 2019-12-20 15:44:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-12-20 12:16:18
2	006CALS.d	S01	2019-12-20 12:19:18
3	007CALS.d	S02	2019-12-20 12:22:17
4	008CALS.d	S03	2019-12-20 12:25:17
5	009CALS.d	S04	2019-12-20 12:28:16
6	010CALS.d	S05	2019-12-20 12:31:16
7	011CALS.d	S06	2019-12-20 12:34:14
8	012CALS.d	S07	2019-12-20 12:37:14
9	013CALS.d	S08	2019-12-20 12:40:13
10			

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14.00	0.0000	P	37.5
2	☐	0.100	0.084	46.66	0.0001	P	16.9
3	☐	1.000	1.008	417.93	0.0008	P	11.3
4	☐	50.000	50.063	20412.07	0.0370	P	0.2
5	☐	125.000	125.251	52267.10	0.0924	P	1.4
6	☐	250.000	250.660	104736.03	0.1849	P	0.8
7	☐	500.000	500.030	215377.63	0.3688	P	1.1
8	☐	1000.000	999.785	434769.26	0.7375	P	0.8
9	☐			509.91	0.0009	P	21.8
10	☐						

$$y = 7.3760E-004 * x + 2.6243E-005$$

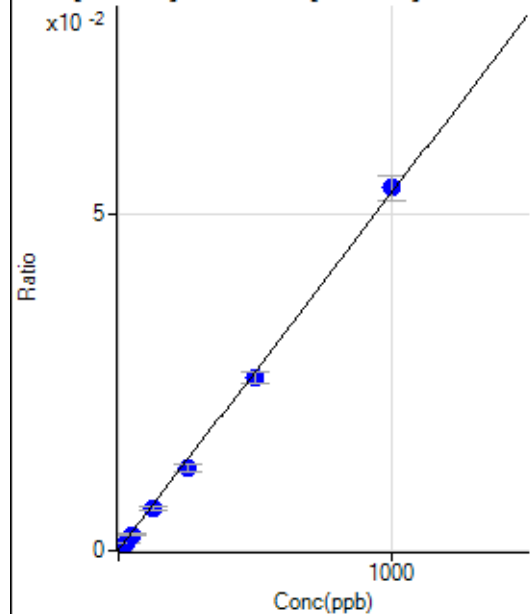
R = 1.0000

DL = 0.04005

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	49.32	0.0001	P	5.6
2	☐	2.500	2.446	117.31	0.0002	P	20.0
3	☐	25.000	19.264	607.23	0.0011	P	14.7
4	☐	50.000	43.600	1332.47	0.0024	P	9.6
5	☐	125.000	116.424	3553.74	0.0063	P	9.6
6	☐	250.000	231.769	7039.65	0.0124	P	9.1
7	☐	500.000	484.032	15088.11	0.0258	P	6.3
8	☐	1000.000	1014.077	31849.47	0.0540	P	7.2
9	☐			6018.73	0.0110	P	6.4
10	☐						

$$y = 5.3188E-005 * x + 9.2540E-005$$

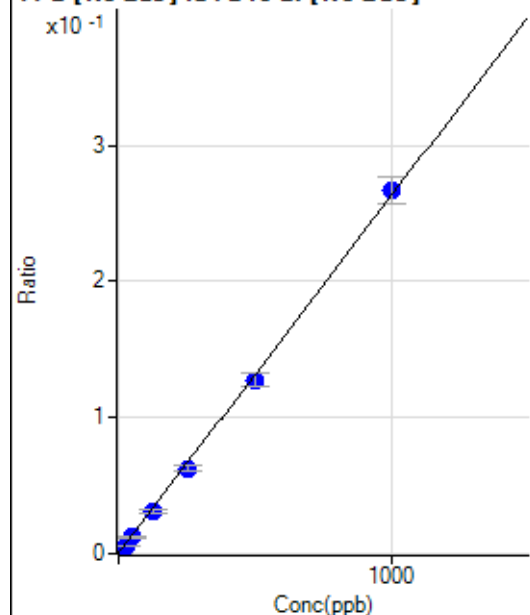
R = 0.9997

DL = 0.2917

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	187.30	0.0004	P	8.0
2	☐	2.500	1.986	461.92	0.0009	P	9.1
3	☐	25.000	19.372	2957.06	0.0054	P	11.6
4	☐	50.000	45.507	6800.92	0.0123	P	7.5
5	☐	125.000	115.652	17381.55	0.0307	P	8.9
6	☐	250.000	237.125	35511.91	0.0627	P	8.3
7	☐	500.000	484.108	74484.96	0.1275	P	7.6
8	☐	1000.000	1012.700	157060.51	0.2664	P	7.5
9	☐			29504.35	0.0538	P	4.8
10	☐						

$$y = 2.6275E-004 * x + 3.5140E-004$$

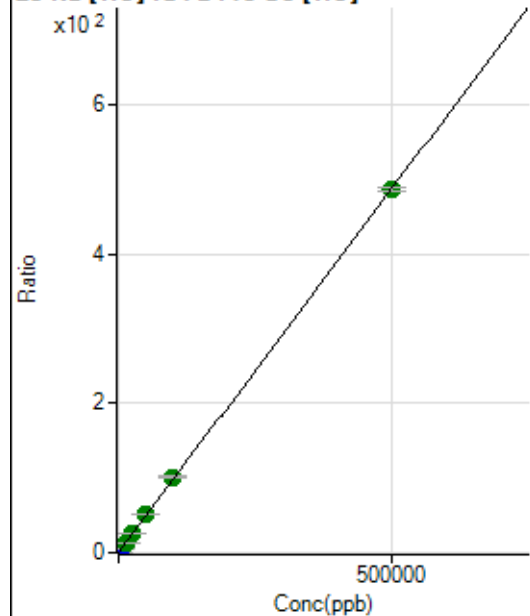
$$R = 0.9997$$

$$DL = 0.321$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39570.85	0.4006	P	0.4
2	☐	50.000	48.451	44161.97	0.4478	P	1.6
3	☐	500.000	507.745	88344.97	0.8952	P	1.1
4	☐	5000.000	5372.687	571985.96	5.6348	P	0.4
5	☐	12500.000	13408.213	1371517.25	13.4631	A	1.8
6	☐	25000.000	26789.930	2695617.18	26.4998	A	1.6
7	☐	50000.000	53286.761	5493942.22	52.3134	A	1.7
8	☐	100000.00	103541.93	10613659.44	101.2728	A	1.5
9	☐	500000.00	498847.00	50428995.23	486.3854	A	1.2
10	☐						

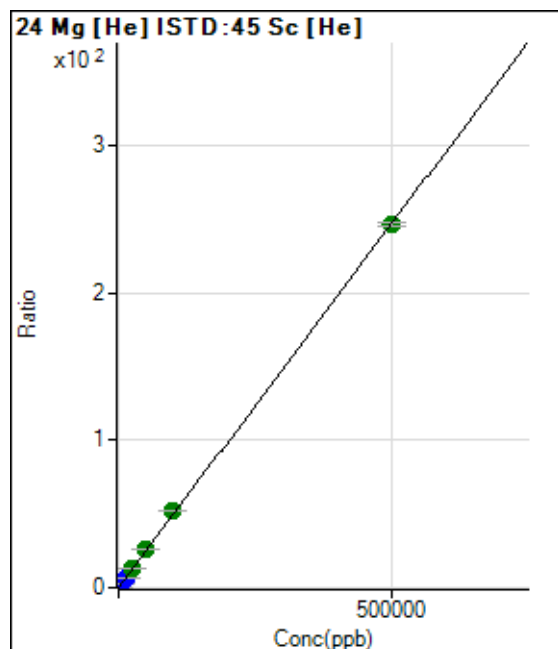
$$y = 9.7422E-004 * x + 0.4006$$

$$R = 1.0000$$

$$DL = 5.275$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	97.23	0.0010	P	13.4
2	☐	50.000	56.845	2861.47	0.0290	P	5.0
3	☐	500.000	538.253	26293.79	0.2665	P	3.5
4	☐	5000.000	5382.995	269625.23	2.6561	P	1.4
5	☐	12500.000	13695.088	688248.92	6.7561	P	0.9
6	☐	25000.000	27484.666	1379226.68	13.5578	A	1.8
7	☐	50000.000	53476.557	2770463.50	26.3783	A	0.3
8	☐	100000.00	104965.13	5426064.01	51.7750	A	0.5
9	☐	500000.00	498501.33	25494706.65	245.8864	A	0.9
10	☐						

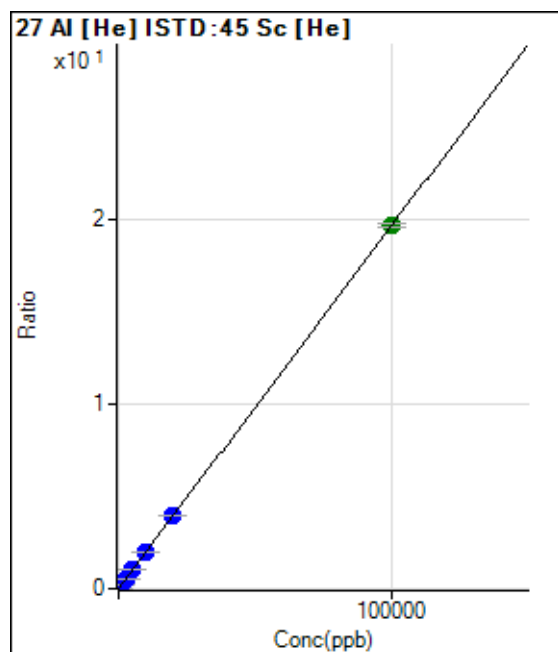
$$y = 4.9325E-004 * x + 9.8460E-004$$

R = 0.9999

DL = 0.8046

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	255.56	0.0026	P	23.9
2	☒	2.000					
3	☐	20.000	18.818	620.02	0.0063	P	4.8
4	☐	1000.000	1021.104	20614.72	0.2031	P	2.4
5	☐	2500.000	2572.889	51732.94	0.5078	P	0.5
6	☐	5000.000	5121.295	102572.65	1.0082	P	0.6
7	☐	10000.000	10041.802	207368.87	1.9745	P	0.9
8	☐	20000.000	20043.669	412743.13	3.9385	P	1.5
9	☐	100000.00	99978.988	2035918.29	19.6352	A	1.2
10	☐						

$$y = 1.9637E-004 * x + 0.0026$$

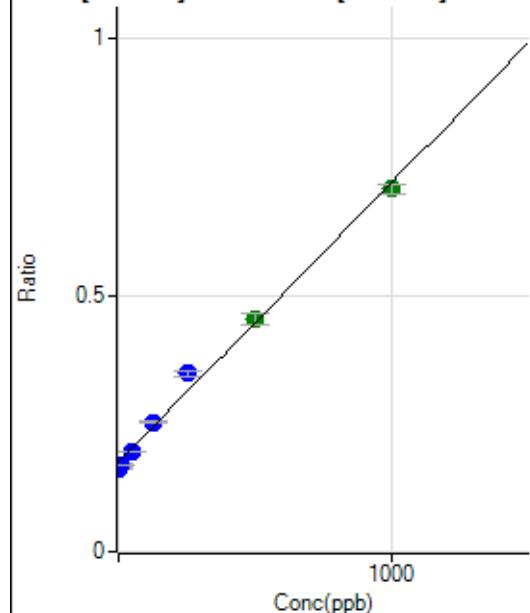
R = 1.0000

DL = 9.439

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-21.883	385452.73	0.1629	P	1.7
2	☐	1.000	-15.698	392586.58	0.1663	P	6.7
3	☐	10.000	-12.717	404527.27	0.1679	P	0.7
4	☐	50.000	39.447	482383.49	0.1964	P	0.1
5	☐	125.000	143.101	627042.61	0.2529	P	0.3
6	☐	250.000	316.640	862440.99	0.3476	P	3.3
7	☐	500.000	510.521	1147987.06	0.4535	A	4.4
8	☐	1000.000	976.588	1815381.68	0.7078	A	2.5
9	☐			713176.60	0.2877	P	10.9
10	☐						

$$y = 5.457786E-004 * x + 0.174831$$

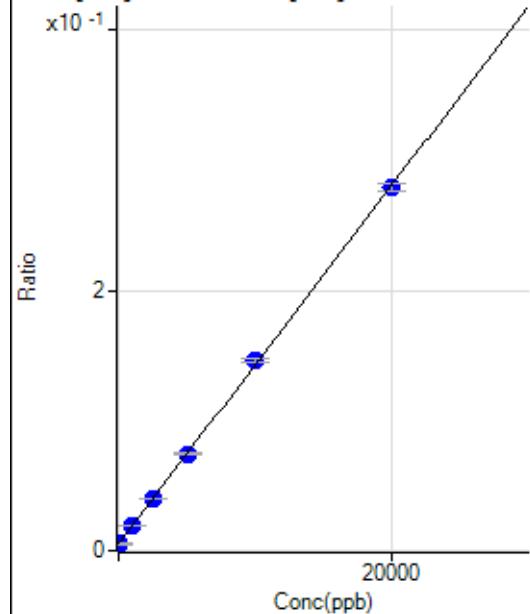
R = 0.9961

DL = 15.21

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-11.276	511.13	0.0052	P	13.4
2	☐	0.000	-22.954	494.47	0.0050	P	5.8
3	☐	0.000	34.230	572.25	0.0058	P	24.8
4	☐	1000.000	1011.258	1952.97	0.0192	P	4.9
5	☐	2500.000	2538.221	4100.70	0.0403	P	1.0
6	☐	5000.000	5012.484	7560.48	0.0743	P	2.7
7	☐	10000.000	10236.185	15350.18	0.1462	P	2.4
8	☐	20000.000	19873.446	29216.09	0.2788	P	2.0
9	☐			530.58	0.0051	P	20.0
10	☐						

$$y = 1.3759E-005 * x + 0.0053$$

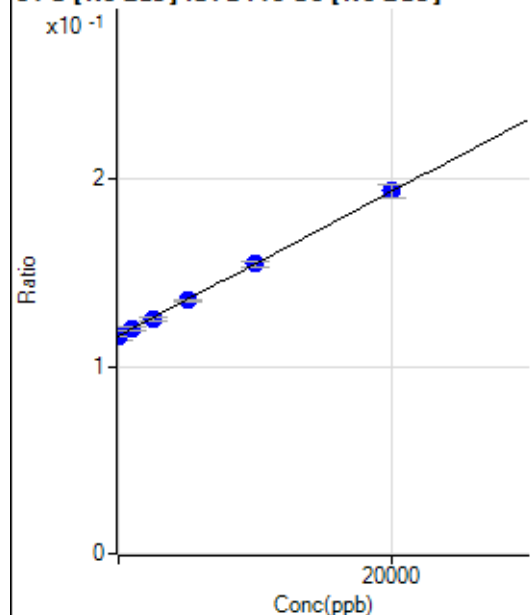
R = 0.9999

DL = 176.1

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	200.382	277269.30	0.1172	P	1.9
2	☐	0.000	281.104	277427.86	0.1175	P	6.5
3	☐	0.000	-103.417	279500.63	0.1160	P	0.8
4	☐	1000.000	931.750	294748.23	0.1200	P	1.7
5	☐	2500.000	2281.707	310356.79	0.1252	P	1.0
6	☐	5000.000	4841.506	335085.88	0.1351	P	0.7
7	☐	10000.000	9993.294	392297.05	0.1549	P	2.1
8	☐	20000.000	20073.676	496803.03	0.1937	P	3.7
9	☐			269920.02	0.1087	P	5.8
10	☐						

$$y = 3.853094E-006 * x + 0.116402$$

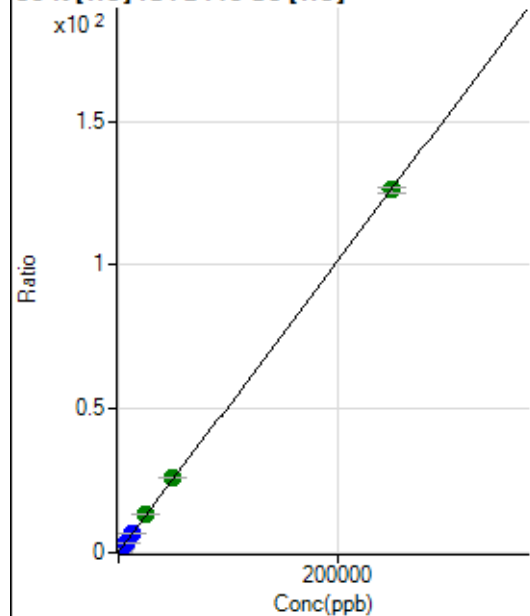
$$R = 0.9997$$

$$DL = 2810$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22979.88	0.2326	P	0.8
2	☐	50.000	43.676	25116.77	0.2547	P	0.6
3	☐	500.000	496.504	47665.60	0.4830	P	1.9
4	☐	2500.000	2636.783	158597.31	1.5624	P	1.2
5	☐	6250.000	6538.574	359627.15	3.5301	P	0.4
6	☐	12500.000	13227.773	702319.62	6.9036	P	1.1
7	☐	25000.000	25790.201	1390439.23	13.2390	A	0.8
8	☐	50000.000	51286.974	2734950.28	26.0975	A	1.9
9	☐	250000.00	249618.62	13076183.71	126.1193	A	1.4
10	☐						

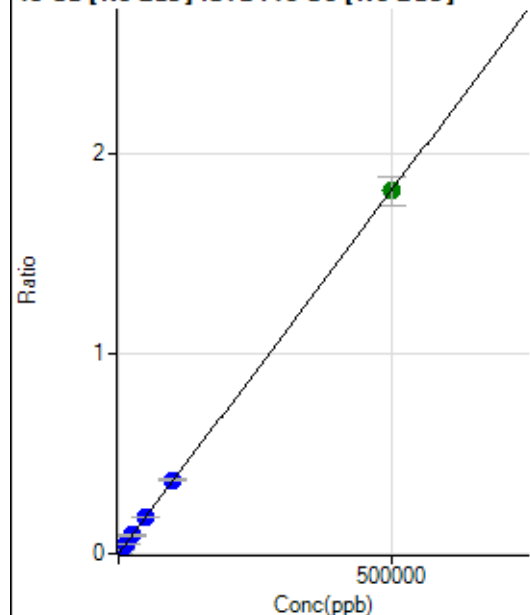
$$y = 5.0432E-004 * x + 0.2326$$

$$R = 1.0000$$

$$DL = 10.48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	741.71	0.0003	P	10.6
2	☐	50.000	41.924	1097.29	0.0005	P	11.8
3	☐	500.000	460.670	4775.93	0.0020	P	2.8
4	☐	5000.000	5004.654	45308.34	0.0184	P	1.8
5	☐	12500.000	12600.596	113928.29	0.0460	P	0.9
6	☐	25000.000	25196.615	227232.16	0.0916	P	1.7
7	☐	50000.000	50439.442	463525.66	0.1830	P	1.8
8	☐	100000.00	101774.45	945930.33	0.3690	P	5.0
9	☐	500000.00	499588.81	4492002.97	1.8100	A	7.7
10	☐						

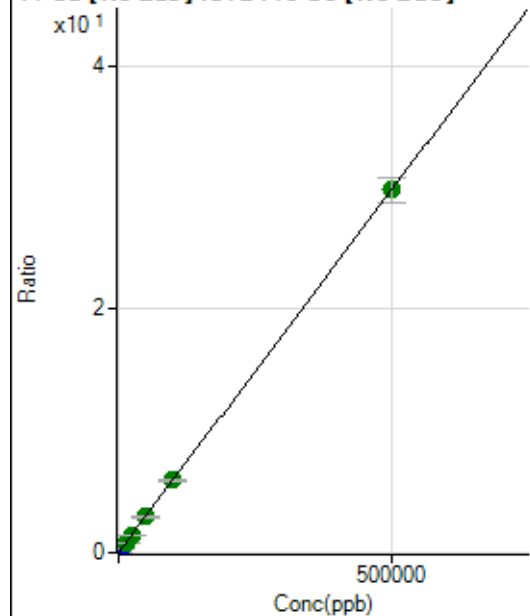
$$y = 3.6223\text{E-}006 * x + 3.1355\text{E-}004$$

R = 1.0000

DL = 27.41

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44344.05	0.0187	P	1.9
2	☐	50.000	42.119	50207.63	0.0212	P	4.8
3	☐	500.000	455.333	110514.92	0.0459	P	0.9
4	☐	5000.000	4985.572	775763.08	0.3158	P	0.7
5	☐	12500.000	12500.399	1892896.24	0.7635	A	1.0
6	☐	25000.000	24832.034	3717304.69	1.4982	A	0.3
7	☐	50000.000	49005.185	7441337.40	2.9385	A	2.3
8	☐	100000.00	99823.782	15300627.94	5.9662	A	3.1
9	☐	500000.00	500143.30	74019002.35	29.8172	A	7.0
10	☐						

$$y = 5.9580\text{E-}005 * x + 0.0187$$

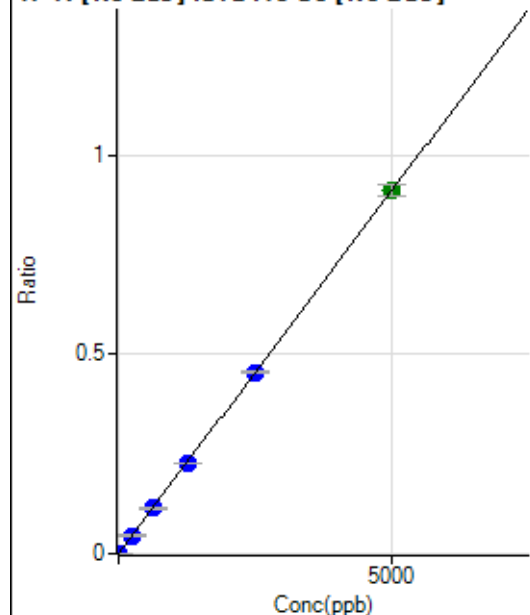
R = 1.0000

DL = 18.36

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	750.04	0.0003	P	17.2
2	☐	1.000	0.759	1075.08	0.0005	P	9.8
3	☐	10.000	5.236	3058.74	0.0013	P	5.1
4	☐	250.000	249.702	112338.16	0.0457	P	1.1
5	☐	625.000	623.368	281832.99	0.1137	P	0.7
6	☐	1250.000	1241.984	561199.34	0.2262	P	1.6
7	☐	2500.000	2500.234	1152422.09	0.4550	P	1.6
8	☐	5000.000	5002.116	2333907.43	0.9100	A	3.2
9	☐			3578.33	0.0014	P	3.3
10	☐						

$$y = 1.8186E-004 * x + 3.1736E-004$$

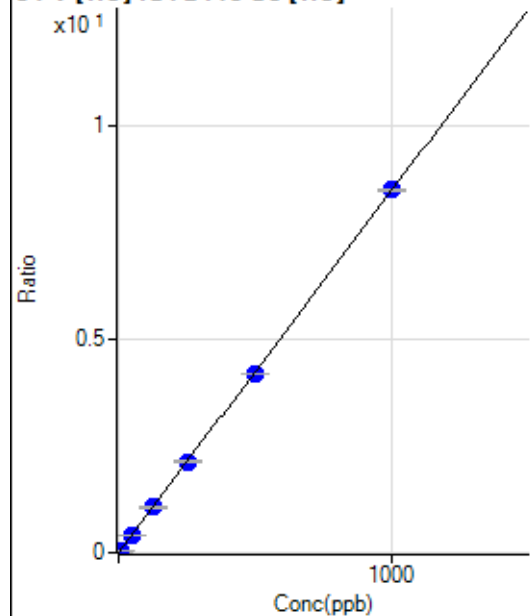
R = 1.0000

DL = 0.9019

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17.78	0.0002	P	22.0
2	☐	0.500	0.549	476.68	0.0048	P	8.4
3	☐	5.000	5.052	4247.34	0.0430	P	0.4
4	☐	50.000	49.631	42764.84	0.4213	P	1.1
5	☐	125.000	125.303	108324.36	1.0634	P	1.3
6	☐	250.000	251.477	217065.00	2.1339	P	1.9
7	☐	500.000	495.034	441162.81	4.2005	P	0.4
8	☐	1000.000	1002.094	891088.12	8.5028	P	0.6
9	☐			1204.51	0.0116	P	5.2
10	☐						

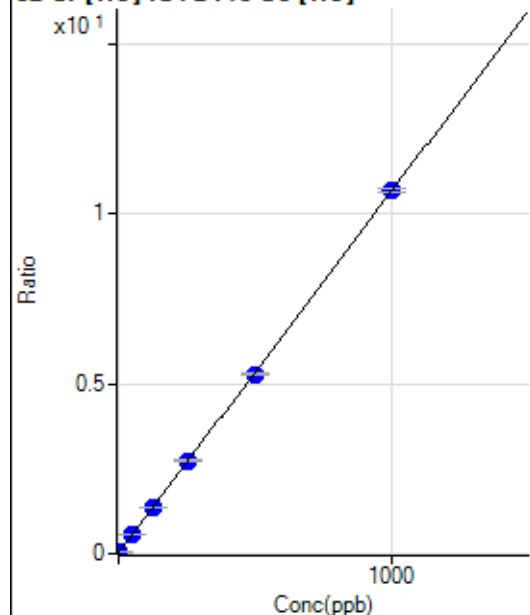
$$y = 0.0085 * x + 1.8007E-004$$

R = 1.0000

DL = 0.01402

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1869.03	0.0189	P	3.6
2	☐	0.200	0.163	2035.72	0.0206	P	4.9
3	☐	2.000	1.934	3896.12	0.0395	P	3.8
4	☐	50.000	50.425	56329.41	0.5549	P	0.5
5	☐	125.000	127.173	139639.20	1.3707	P	0.9
6	☐	250.000	255.692	278401.11	2.7368	P	1.5
7	☐	500.000	493.973	553425.01	5.2696	P	1.5
8	☐	1000.000	1001.298	1117373.89	10.6622	P	1.1
9	☐			33469.18	0.3228	P	1.6
10	☐						

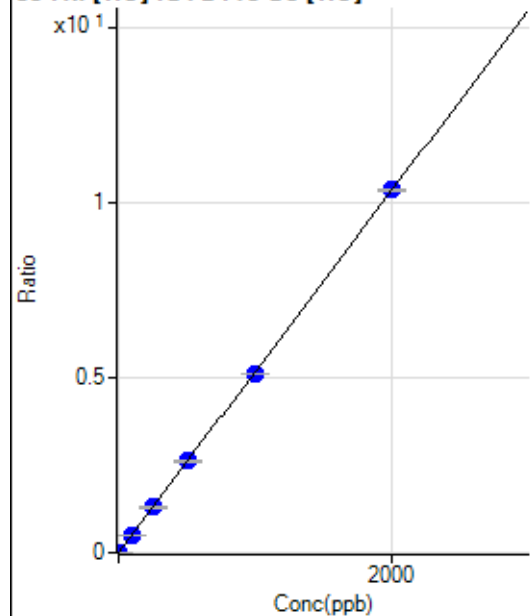
$$y = 0.0106 * x + 0.0189$$

R = 1.0000

DL = 0.1942

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.78	0.0013	P	4.2
2	☐	0.100	0.116	186.67	0.0019	P	7.6
3	☐	1.000	1.047	661.13	0.0067	P	2.8
4	☐	100.000	100.132	52622.14	0.5184	P	1.0
5	☐	250.000	250.293	131815.03	1.2939	P	0.7
6	☐	500.000	504.918	265366.38	2.6089	P	2.2
7	☐	1000.000	985.816	534840.84	5.0924	P	0.4
8	☐	2000.000	2005.819	1085729.48	10.3601	P	0.7
9	☐			4636.36	0.0447	P	4.0
10	☐	10000.000					

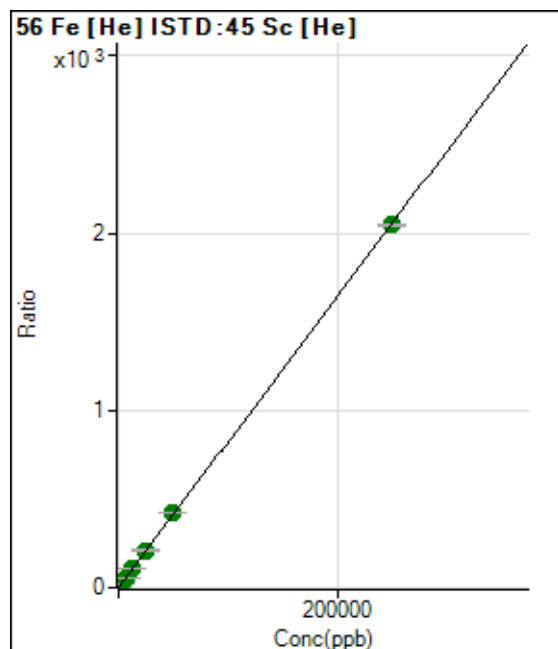
$$y = 0.0052 * x + 0.0013$$

R = 1.0000

DL = 0.03139

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4899.07	0.0496	P	3.1
2	☐	5.000	5.146	9049.30	0.0918	P	2.2
3	☐	50.000	52.581	47414.00	0.4805	P	2.2
4	☐	2500.000	2660.220	2218014.29	21.8499	A	1.1
5	☐	6250.000	6578.326	5497240.63	53.9585	A	1.2
6	☐	12500.000	13189.797	11000314.14	108.1390	A	1.5
7	☐	25000.000	25621.950	22056884.29	210.0196	A	1.9
8	☐	50000.000	51586.624	44309106.08	422.7983	A	0.5
9	☐	250000.00	249576.18	212082678.8	2,045.308	A	0.6
10	☐						

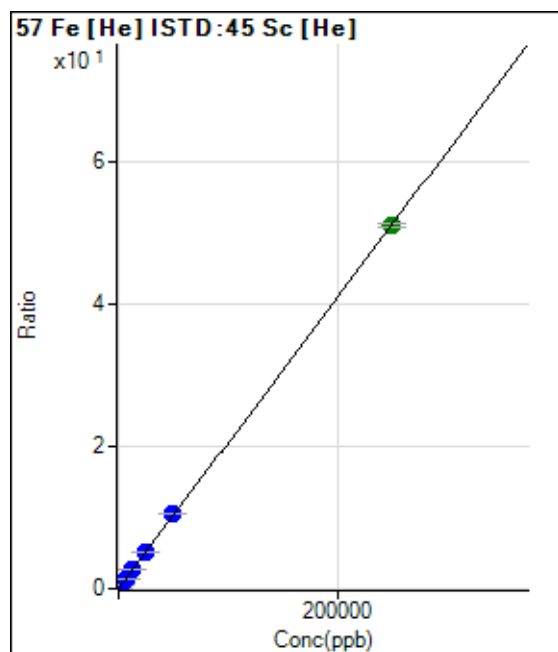
$$y = 0.0082 * x + 0.0496$$

R = 1.0000

DL = 0.5677

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	142.59	0.0014	P	20.3
2	☐	5.000	5.996	262.97	0.0027	P	14.4
3	☐	50.000	48.253	1114.88	0.0113	P	7.8
4	☐	2500.000	2627.610	54613.84	0.5380	P	1.2
5	☐	6250.000	6528.433	135959.09	1.3346	P	0.8
6	☐	12500.000	13274.472	275888.51	2.7122	P	1.8
7	☐	25000.000	25556.729	548255.74	5.2204	P	1.5
8	☐	50000.000	51630.005	1105067.01	10.5448	P	1.1
9	☐	250000.00	249571.36	5284660.88	50.9663	A	1.0
10	☐						

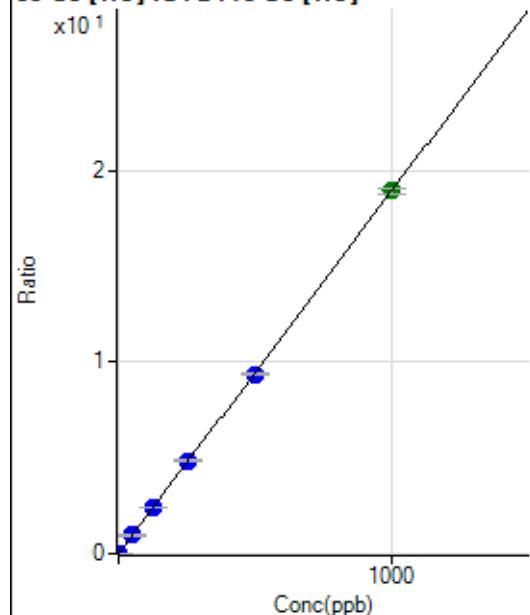
$$y = 2.0421E-004 * x + 0.0014$$

R = 1.0000

DL = 4.312

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37.78	0.0004	P	21.8
2	☐	0.100	0.102	228.89	0.0023	P	9.8
3	☐	1.000	0.930	1775.68	0.0180	P	2.0
4	☐	50.000	50.766	97641.33	0.9619	P	1.7
5	☐	125.000	127.374	245819.39	2.4130	P	0.4
6	☐	250.000	254.905	491162.63	4.8286	P	1.9
7	☐	500.000	495.075	984888.98	9.3777	P	0.9
8	☐	1000.000	1000.901	1986863.65	18.9587	A	1.3
9	☐			5163.22	0.0498	P	1.9
10	☐						

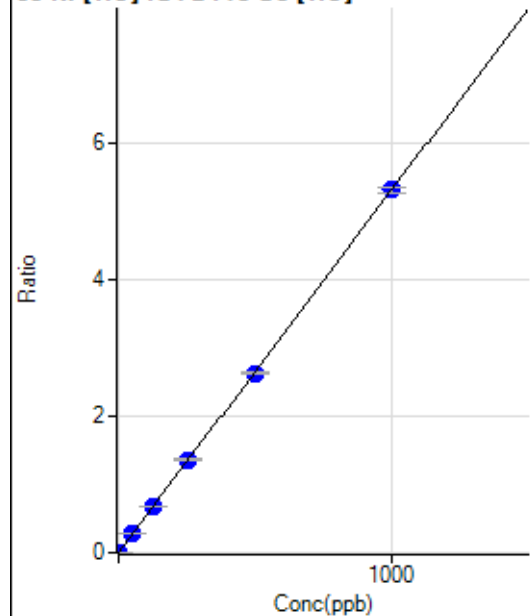
$$y = 0.0189 * x + 3.8226E-004$$

R = 1.0000

DL = 0.01321

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	112.23	0.0011	P	27.3
2	☒	0.100					
3	☐	1.000	0.974	622.24	0.0063	P	3.9
4	☐	50.000	51.419	27820.70	0.2741	P	1.6
5	☐	125.000	126.112	68311.90	0.6706	P	1.1
6	☐	250.000	255.779	138227.88	1.3589	P	2.1
7	☐	500.000	495.038	276114.25	2.6290	P	0.6
8	☐	1000.000	1000.827	556883.70	5.3139	P	1.3
9	☐			11681.57	0.1127	P	0.8
10	☐						

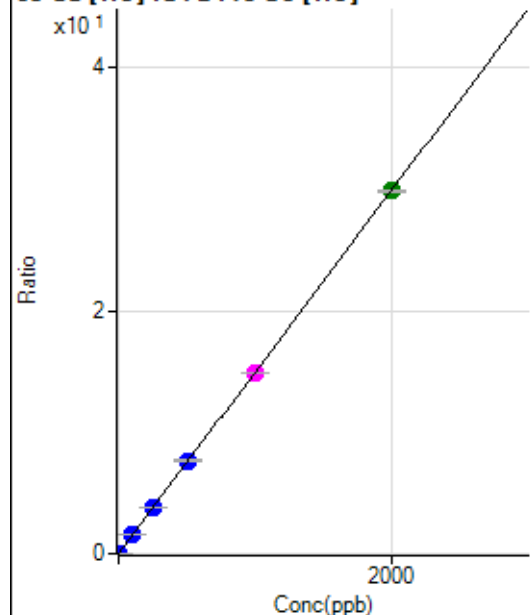
$$y = 0.0053 * x + 0.0011$$

R = 1.0000

DL = 0.1754

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	257.78	0.0026	P	5.6
2	☒	0.200					
3	☐	2.000	2.051	3280.42	0.0332	P	6.3
4	☐	100.000	102.185	155158.93	1.5285	P	0.3
5	☐	250.000	254.804	387908.10	3.8076	P	0.9
6	☐	500.000	510.895	776291.81	7.6318	P	2.1
7	☐	1000.000	998.209	1565868.48	14.9088	M	0.2
8	☐	2000.000	1997.462	3126259.02	29.8306	A	0.8
9	☐			9180.83	0.0886	P	4.2
10	☐	10000.000					

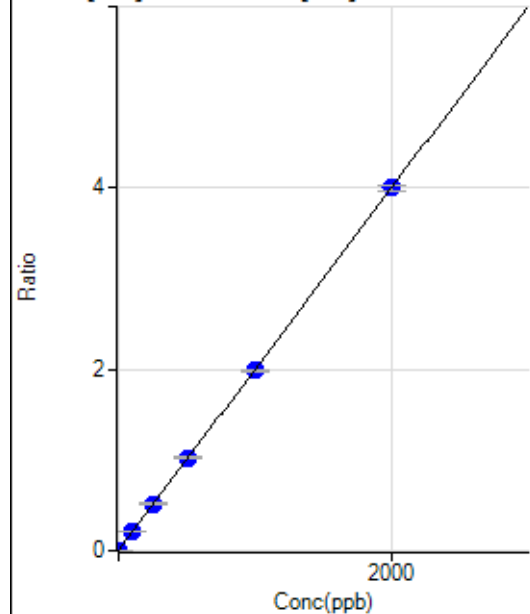
$$y = 0.0149 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.02951$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	332.23	0.0034	P	5.2
2	☒	0.200					
3	☐	2.000	2.203	766.70	0.0078	P	5.5
4	☐	100.000	101.322	20911.03	0.2060	P	1.7
5	☐	250.000	256.272	52556.04	0.5159	P	1.5
6	☐	500.000	512.652	104640.50	1.0287	P	1.8
7	☐	1000.000	992.387	208813.30	1.9882	P	1.1
8	☐	2000.000	1999.793	419513.26	4.0031	P	1.4
9	☐			8537.10	0.0823	P	0.7
10	☐	10000.000					

$$y = 0.0020 * x + 0.0034$$

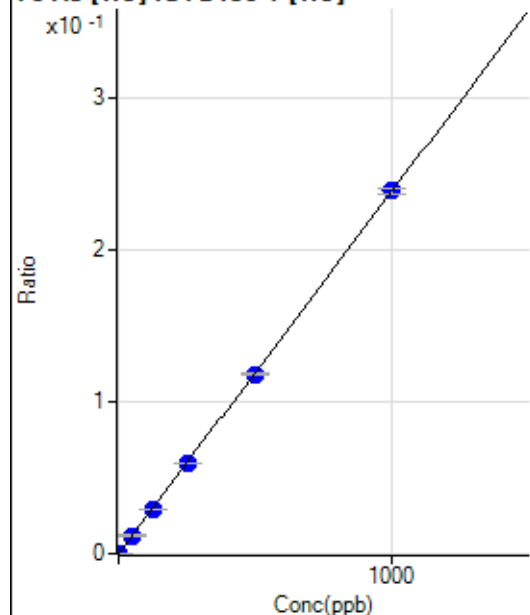
$$R = 1.0000$$

$$DL = 0.2631$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.00	0.0000	P	50.4
2	☐	0.100	0.117	19.00	0.0000	P	5.4
3	☐	1.000	1.025	151.02	0.0002	P	7.2
4	☐	50.000	50.218	7497.09	0.0119	P	2.1
5	☐	125.000	123.967	18676.85	0.0295	P	0.9
6	☐	250.000	249.771	37654.63	0.0594	P	0.5
7	☐	500.000	495.363	75688.19	0.1178	P	1.3
8	☐	1000.000	1002.494	154145.84	0.2384	P	1.9
9	☐			241.03	0.0004	P	5.7
10	☐						

$$y = 2.3777\text{E-}004 * x + 3.2919\text{E-}006$$

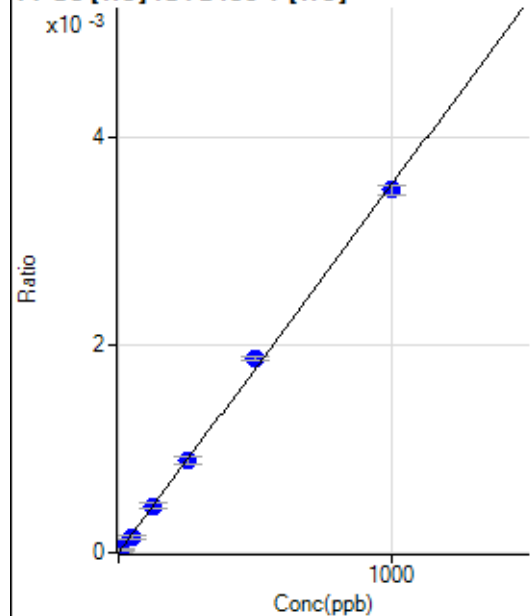
R = 1.0000

DL = 0.02092

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	1.545	3.33	0.0000	P	100.0
3	☐	5.000	8.699	18.89	0.0000	P	35.9
4	☐	50.000	42.406	94.44	0.0002	P	25.4
5	☐	125.000	125.742	282.23	0.0004	P	12.7
6	☐	250.000	250.385	562.24	0.0009	P	8.3
7	☐	500.000	528.136	1202.29	0.0019	P	2.6
8	☐	1000.000	986.104	2259.09	0.0035	P	2.5
9	☐			5.56	0.0000	P	35.4
10	☐						

$$y = 3.5428\text{E-}006 * x + 0.0000\text{E+}000$$

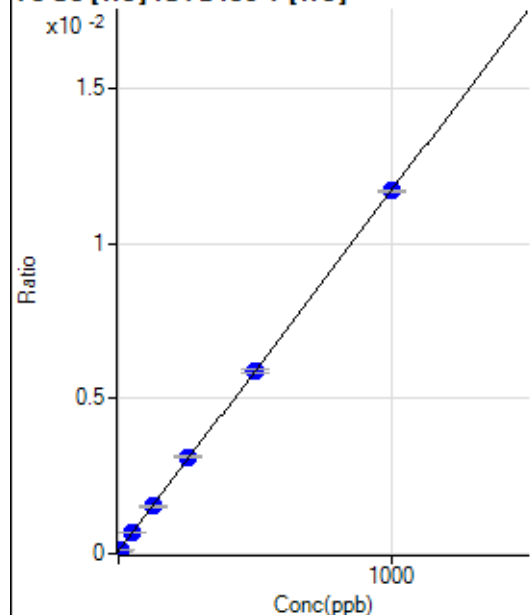
R = 0.9994

DL = 0

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	53.34	0.0001	P	5.3
2	☐	0.500	0.727	58.67	0.0001	P	21.8
3	☐	5.000	4.962	89.01	0.0001	P	7.2
4	☐	50.000	50.343	422.72	0.0007	P	3.9
5	☐	125.000	124.339	972.13	0.0015	P	5.2
6	☐	250.000	261.014	1981.01	0.0031	P	1.5
7	☐	500.000	498.040	3779.89	0.0059	P	2.3
8	☐	1000.000	998.292	7568.80	0.0117	P	0.7
9	☐			71.01	0.0001	P	14.3
10	☐						

$$y = 1.1635E-005 * x + 8.7753E-005$$

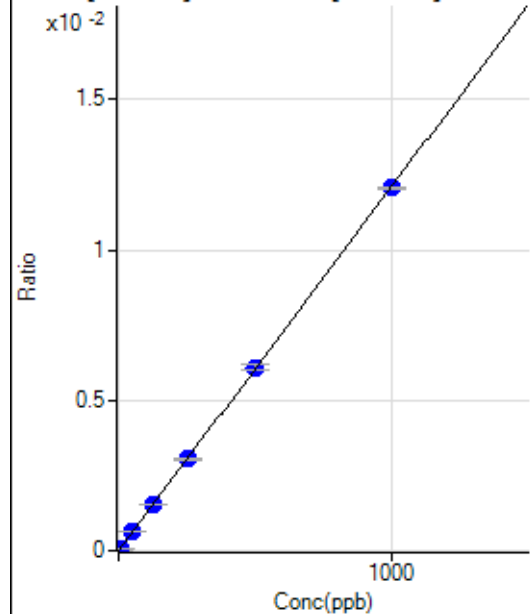
R = 0.9999

DL = 1.205

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-5.77	0.0000	P	-1361.
2	☒	0.500					
3	☐	5.000	4.295	218.12	0.0001	P	31.4
4	☐	50.000	51.733	2774.77	0.0006	P	5.5
5	☐	125.000	126.980	6736.11	0.0015	P	3.8
6	☐	250.000	252.652	13575.04	0.0031	P	1.6
7	☐	500.000	504.248	27606.39	0.0061	P	2.8
8	☐	1000.000	996.882	55590.34	0.0121	P	0.4
9	☐			95.84	0.0000	P	64.8
10	☐						

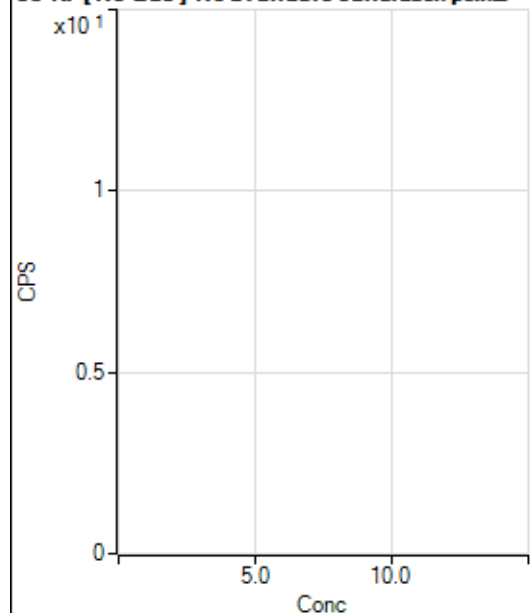
$$y = 1.2099E-005 * x - 1.2748E-006$$

R = 1.0000

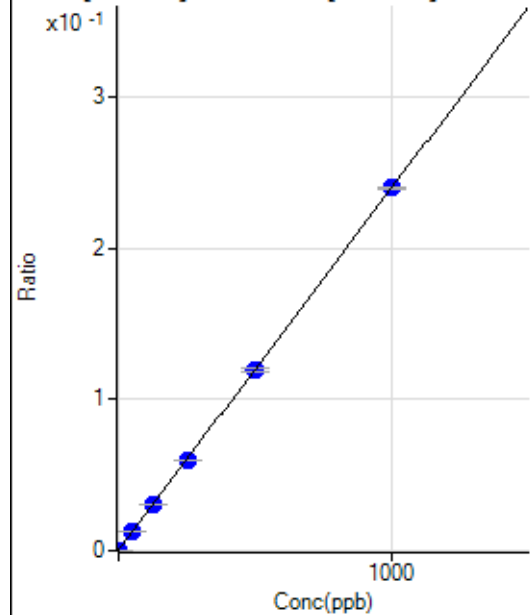
DL = 4.303

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			977.82		P	5.3
2	☐			990.04		P	4.4
3	☐			966.71		P	6.0
4	☐			913.38		P	8.5
5	☐			965.60		P	6.8
6	☐			912.26		P	1.8
7	☐			942.26		P	11.6
8	☐			963.38		P	6.3
9	☐			947.82		P	3.8
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1608.48	0.0004	P	8.3
2	☐	0.100	0.114	1733.49	0.0004	P	9.8
3	☐	1.000	0.869	2533.64	0.0006	P	2.5
4	☐	50.000	49.108	53868.43	0.0121	P	0.1
5	☐	125.000	127.035	134957.41	0.0308	P	0.9
6	☐	250.000	248.053	265187.82	0.0597	P	0.7
7	☐	500.000	498.651	541353.74	0.1196	P	2.1
8	☐	1000.000	1000.951	1104968.43	0.2397	P	0.3
9	☐			6968.59	0.0015	P	4.3
10	☐						

$$y = 2.3911\text{E-}004 * x + 3.8136\text{E-}004$$

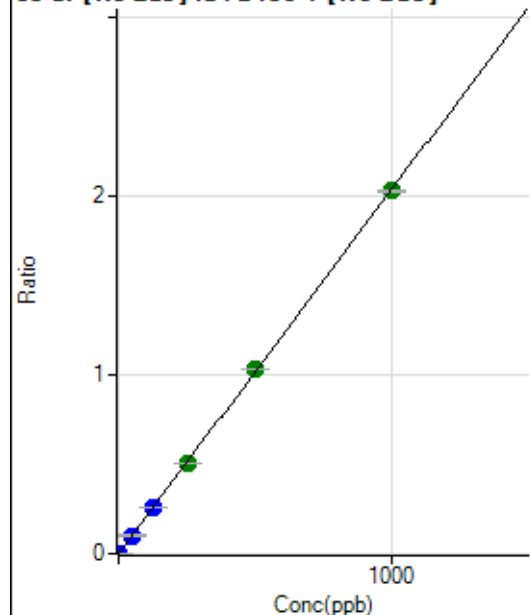
R = 1.0000

DL = 0.3983

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	122.22	0.0000	P	21.4
2	☐	0.100	0.104	1022.29	0.0002	P	8.9
3	☐	1.000	0.972	8641.78	0.0020	P	3.0
4	☐	50.000	50.047	452893.57	0.1019	P	0.9
5	☐	125.000	127.202	1136591.03	0.2590	P	0.8
6	☐	250.000	248.123	2244676.27	0.5053	A	1.2
7	☐	500.000	507.256	4675443.12	1.0329	A	0.8
8	☐	1000.000	996.564	9353716.53	2.0292	A	0.7
9	☐			50547.96	0.0112	P	5.9
10	☐						

$$y = 0.0020 * x + 2.9013E-005$$

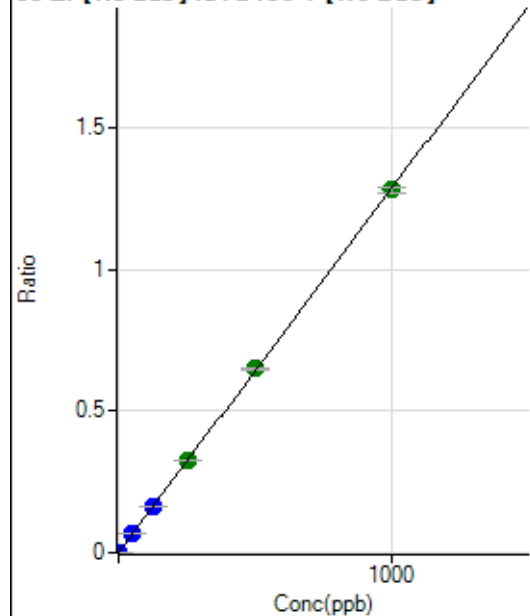
$$R = 1.0000$$

$$DL = 0.009163$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	247.23	0.0001	P	13.5
2	☐	0.100	0.099	791.71	0.0002	P	10.2
3	☐	1.000	0.966	5587.41	0.0013	P	2.2
4	☐	50.000	51.519	294029.21	0.0662	P	1.2
5	☐	125.000	128.637	724672.07	0.1652	P	0.7
6	☐	250.000	251.868	1436283.12	0.3233	A	0.4
7	☐	500.000	504.801	2933011.67	0.6479	A	0.4
8	☐	1000.000	996.602	5895847.40	1.2791	A	1.3
9	☐			7424.42	0.0016	P	4.6
10	☐						

$$y = 0.0013 * x + 5.8601E-005$$

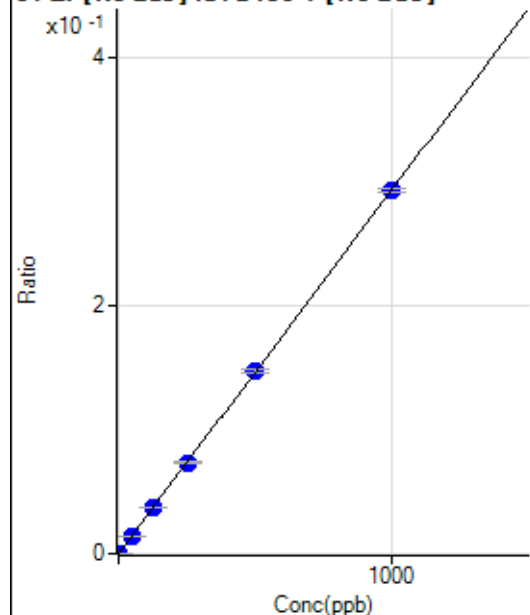
$$R = 1.0000$$

$$DL = 0.01853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	48.3
2	☐	0.100	0.059	136.12	0.0000	P	28.6
3	☐	1.000	0.952	1261.21	0.0003	P	4.5
4	☐	50.000	49.461	64441.20	0.0145	P	0.6
5	☐	125.000	126.502	162662.69	0.0371	P	0.8
6	☐	250.000	250.907	326577.58	0.0735	P	1.7
7	☐	500.000	501.811	665411.16	0.1470	P	1.7
8	☐	1000.000	998.707	1348572.27	0.2926	P	1.0
9	☐			1661.26	0.0004	P	0.9
10	☐						

$$y = 2.9294\text{E-}004 * x + 1.4531\text{E-}005$$

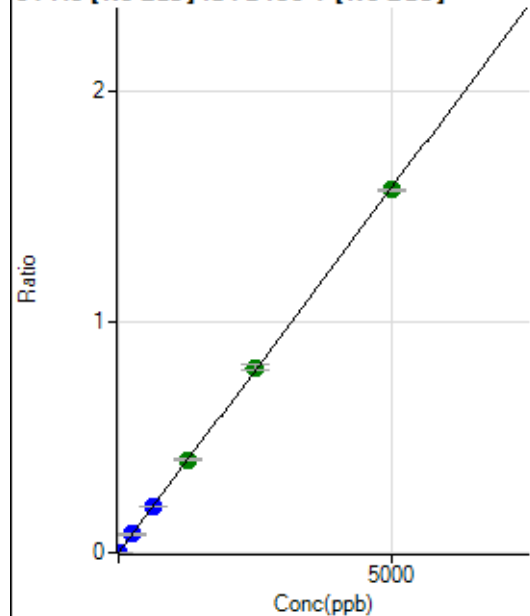
R = 1.0000

DL = 0.0719

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.12	0.0000	P	2.2
2	☐	1.000	0.516	830.61	0.0002	P	6.7
3	☐	10.000	5.109	7077.01	0.0016	P	4.2
4	☐	250.000	250.350	351542.53	0.0791	P	1.6
5	☐	625.000	642.358	890629.29	0.2030	P	0.9
6	☐	1250.000	1270.580	1783396.93	0.4015	A	2.3
7	☐	2500.000	2538.577	3629753.82	0.8021	A	2.8
8	☐	5000.000	4973.389	7242788.62	1.5713	A	0.4
9	☐			12811.76	0.0028	P	2.3
10	☐						

$$y = 3.1594\text{E-}004 * x + 3.2270\text{E-}005$$

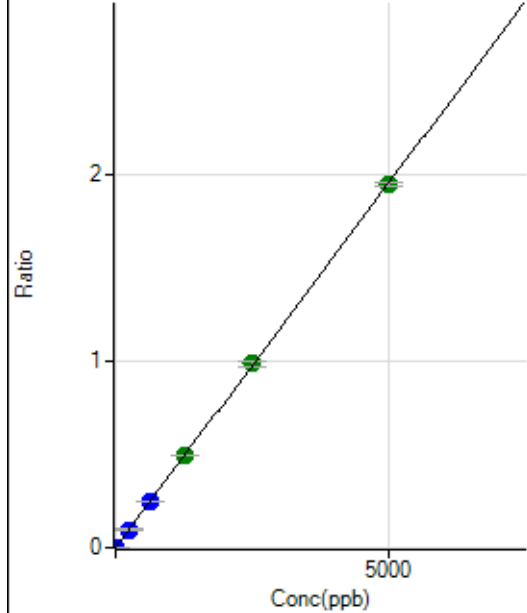
R = 0.9999

DL = 0.006682

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.4
2	☐	1.000	0.491	850.05	0.0002	P	3.9
3	☐	10.000	5.278	8886.40	0.0021	P	1.0
4	☐	250.000	249.956	432964.42	0.0975	P	1.0
5	☐	625.000	639.533	1093961.49	0.2493	P	0.7
6	☐	1250.000	1268.978	2197685.33	0.4947	A	1.6
7	☐	2500.000	2529.578	4462480.61	0.9861	A	3.2
8	☐	5000.000	4978.662	8946099.94	1.9409	A	1.2
9	☐			18295.87	0.0041	P	4.3
10	☐						

$$y = 3.8984\text{E-}004 * x + 8.5687\text{E-}006$$

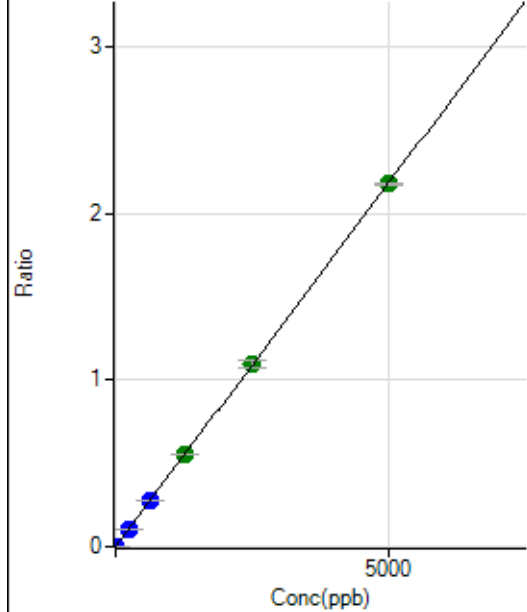
R = 1.0000

DL = 0.03194

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	73.2
2	☐	1.000	0.475	922.28	0.0002	P	14.0
3	☐	10.000	5.082	9592.47	0.0022	P	3.1
4	☐	250.000	244.630	475013.99	0.1069	P	0.9
5	☐	625.000	627.581	1203186.64	0.2742	P	1.0
6	☐	1250.000	1268.645	2462484.62	0.5543	A	1.7
7	☐	2500.000	2511.172	4964790.74	1.0972	A	3.7
8	☐	5000.000	4989.709	10049215.68	2.1802	A	0.8
9	☐			20835.60	0.0046	P	5.2
10	☐						

$$y = 4.3693\text{E-}004 * x + 9.9478\text{E-}006$$

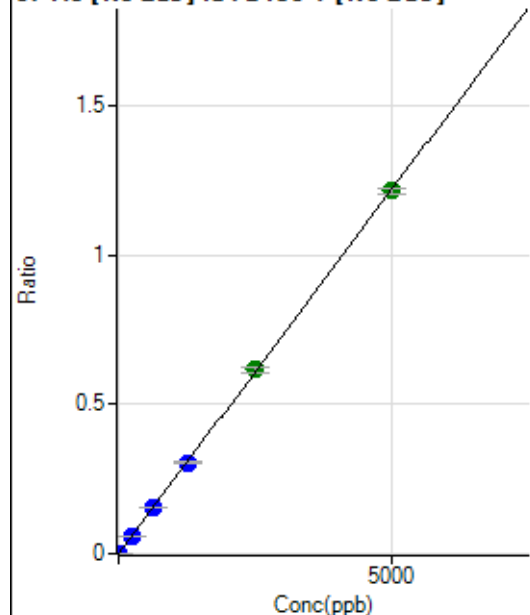
R = 1.0000

DL = 0.05002

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.6
2	☐	1.000	0.497	525.02	0.0001	P	14.4
3	☐	10.000	5.096	5353.93	0.0012	P	5.0
4	☐	250.000	246.475	267039.64	0.0601	P	1.6
5	☐	625.000	631.810	675853.07	0.1540	P	0.5
6	☐	1250.000	1251.652	1355559.29	0.3051	P	0.8
7	☐	2500.000	2526.866	2787901.86	0.6160	A	2.4
8	☐	5000.000	4985.489	5602444.09	1.2154	A	1.2
9	☐			11482.81	0.0025	P	2.4
10	☐						

$$y = 2.4379E-004 * x + 2.6363E-006$$

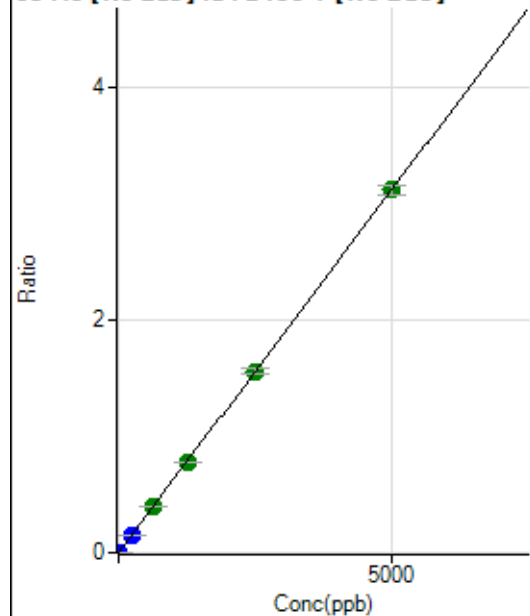
R = 1.0000

DL = 0.01414

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	41.8
2	☐	1.000	0.467	1247.31	0.0003	P	2.3
3	☐	10.000	5.063	13570.86	0.0032	P	4.8
4	☐	250.000	248.448	687665.95	0.1548	P	1.4
5	☐	625.000	632.085	1727831.66	0.3938	A	0.6
6	☐	1250.000	1243.205	3440694.56	0.7745	A	0.4
7	☐	2500.000	2497.825	7041725.59	1.5561	A	3.2
8	☐	5000.000	5001.988	14363188.00	3.1162	A	2.4
9	☐			29673.94	0.0066	P	5.6
10	☐						

$$y = 6.2299E-004 * x + 2.6241E-006$$

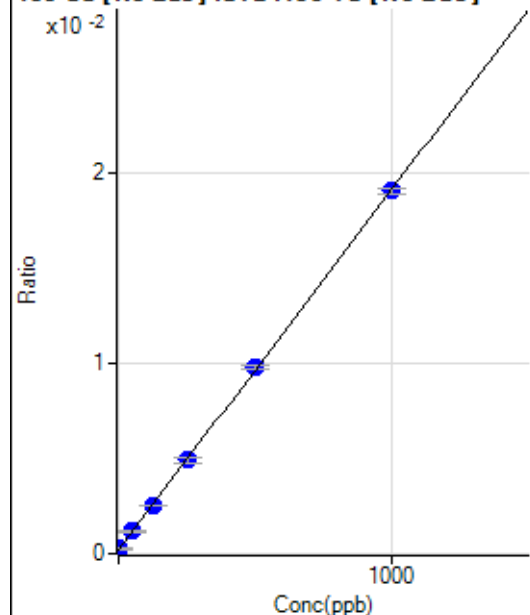
R = 1.0000

DL = 0.005278

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	863.94	0.0002	P	2.8
2	☐	0.100	1.141	958.40	0.0002	P	9.6
3	☐	1.000	2.836	1116.74	0.0003	P	6.9
4	☐	50.000	52.402	5298.39	0.0012	P	6.0
5	☐	125.000	122.358	11310.55	0.0025	P	1.2
6	☐	250.000	249.200	22157.22	0.0049	P	4.9
7	☐	500.000	506.307	45004.43	0.0098	P	2.3
8	☐	1000.000	997.255	88766.08	0.0190	P	1.5
9	☐			1063.96	0.0002	P	11.3
10	☐						

$$y = 1.8864\text{E-}005 * x + 1.9940\text{E-}004$$

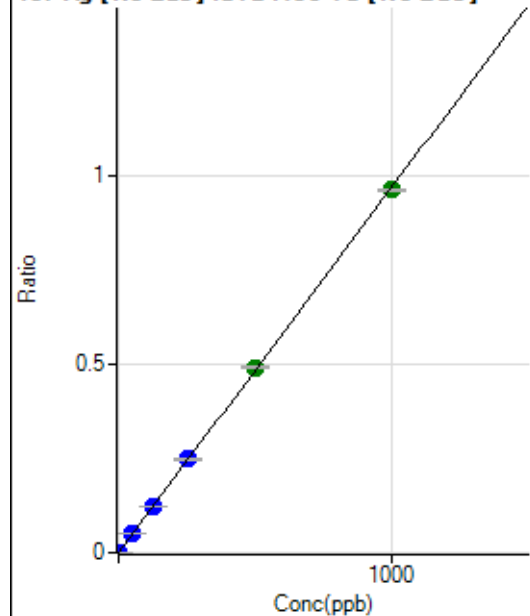
R = 1.0000

DL = 0.9017

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	76.7
2	☐	0.100	0.102	452.80	0.0001	P	8.7
3	☐	1.000	1.024	4411.95	0.0010	P	3.4
4	☐	50.000	51.799	224294.05	0.0503	P	1.6
5	☐	125.000	127.897	559832.21	0.1241	P	1.2
6	☐	250.000	255.691	1122191.13	0.2482	P	0.6
7	☐	500.000	508.359	2277783.01	0.4934	A	1.3
8	☐	1000.000	993.945	4504181.44	0.9646	A	0.7
9	☐			5392.87	0.0012	P	7.1
10	☐						

$$y = 9.7050\text{E-}004 * x + 5.0947\text{E-}006$$

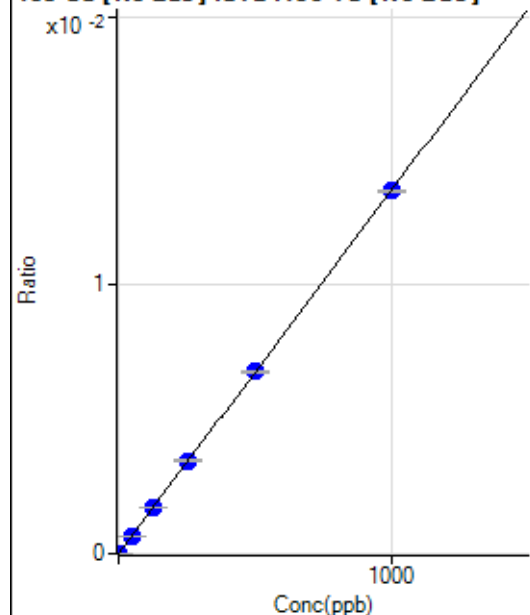
R = 0.9999

DL = 0.01208

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.39	0.0000	P	173.2
2	☐	0.100	0.236	15.28	0.0000	P	29.1
3	☐	1.000	0.974	59.72	0.0000	P	4.5
4	☐	50.000	49.593	2998.98	0.0007	P	0.8
5	☐	125.000	127.128	7768.93	0.0017	P	1.2
6	☐	250.000	255.320	15643.71	0.0035	P	3.1
7	☐	500.000	500.207	31281.34	0.0068	P	1.4
8	☐	1000.000	998.321	63150.66	0.0135	P	0.6
9	☐			86.11	0.0000	P	16.2
10	☐						

$$y = 1.3547\text{E-}005 * x + 3.2276\text{E-}007$$

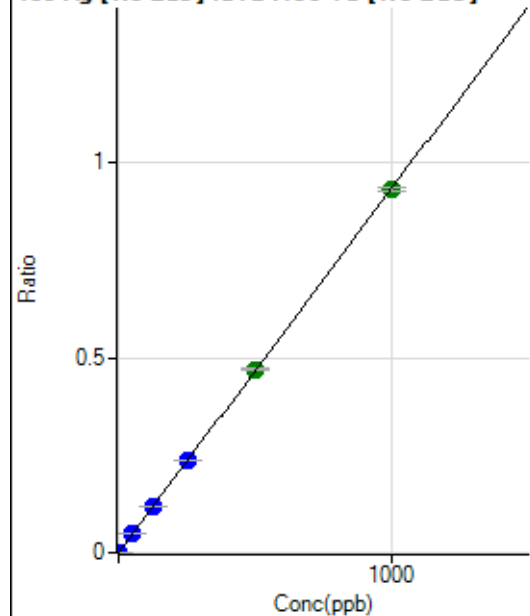
R = 1.0000

DL = 0.1238

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.0
2	☐	0.100	0.105	444.46	0.0001	P	16.5
3	☐	1.000	1.039	4306.34	0.0010	P	2.3
4	☐	50.000	50.811	211765.73	0.0475	P	2.2
5	☐	125.000	126.312	532158.77	0.1180	P	1.5
6	☐	250.000	254.554	1075273.56	0.2378	P	0.8
7	☐	500.000	503.918	2172817.58	0.4707	A	1.3
8	☐	1000.000	996.698	4347071.15	0.9310	A	1.1
9	☐			5120.54	0.0011	P	8.5
10	☐						

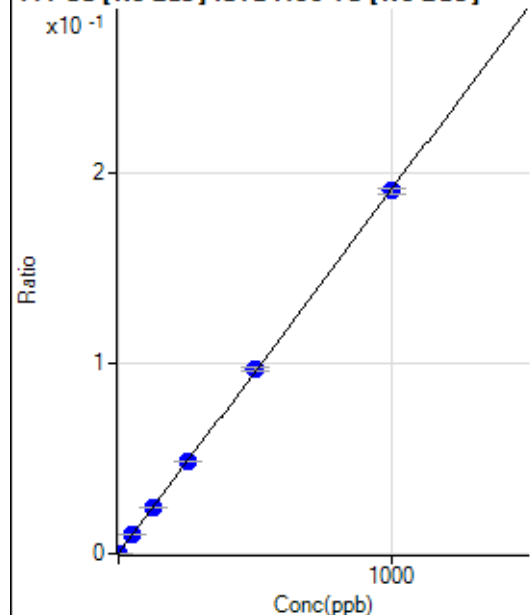
$$y = 9.3407\text{E-}004 * x + 4.4749\text{E-}006$$

R = 1.0000

DL = 0.007049

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	612.12	0.0001	P	3.5
2	☒	0.100					
3	☐	1.000	1.105	1555.23	0.0004	P	4.2
4	☐	50.000	50.744	43814.39	0.0098	P	1.2
5	☐	125.000	124.772	107973.79	0.0239	P	1.7
6	☐	250.000	253.852	219609.53	0.0486	P	0.8
7	☐	500.000	505.063	445334.33	0.0965	P	2.0
8	☐	1000.000	996.496	888162.51	0.1902	P	1.4
9	☐			1842.89	0.0004	P	8.5
10	☐						

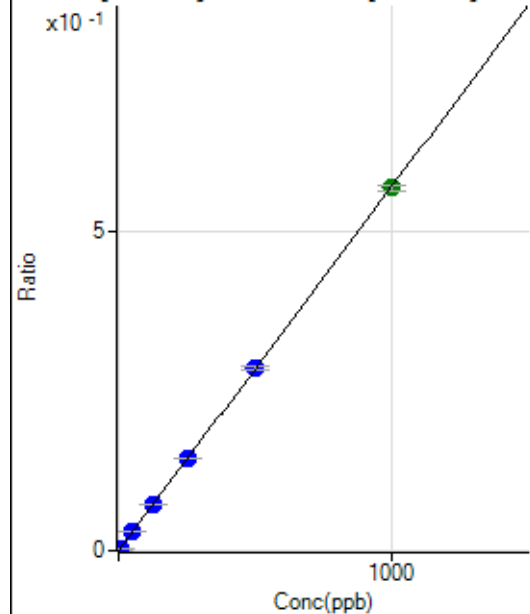
$$y = 1.9075\text{E-}004 * x + 1.4129\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.07858$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	283.34	0.0001	P	9.3
2	☐	0.500	0.526	1575.13	0.0004	P	5.8
3	☐	5.000	4.976	12786.89	0.0029	P	0.6
4	☐	50.000	50.581	128597.74	0.0288	P	1.3
5	☐	125.000	126.403	324428.37	0.0719	P	1.4
6	☐	250.000	253.215	651360.12	0.1440	P	0.8
7	☐	500.000	503.090	1320673.01	0.2861	P	1.6
8	☐	1000.000	997.447	2648244.26	0.5672	A	1.9
9	☐			4089.61	0.0009	P	6.6
10	☐						

$$y = 5.6858\text{E-}004 * x + 6.5338\text{E-}005$$

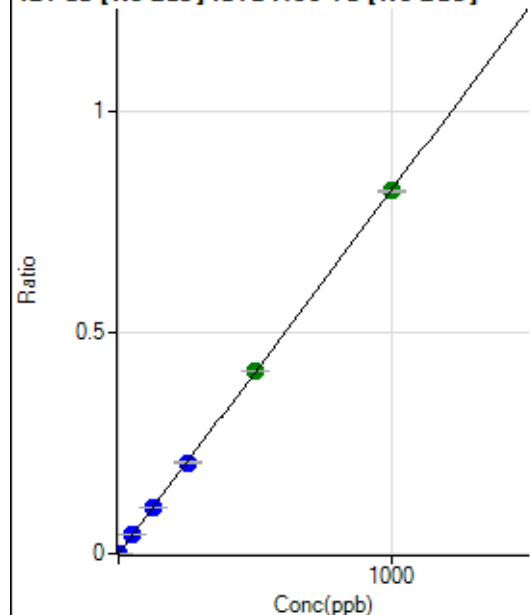
$$R = 1.0000$$

$$DL = 0.03201$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.200	0.188	672.26	0.0002	P	12.4
3	☐	2.000	1.836	6662.92	0.0015	P	1.5
4	☐	50.000	50.626	185350.92	0.0415	P	0.9
5	☐	125.000	126.388	467773.43	0.1037	P	1.2
6	☐	250.000	250.969	931349.87	0.2059	P	0.9
7	☐	500.000	502.827	1904894.70	0.4126	A	0.5
8	☐	1000.000	998.140	3824581.12	0.8191	A	0.5
9	☐			6093.20	0.0014	P	9.5
10	☐						

$$y = 8.2061E-004 * x + 1.2754E-006$$

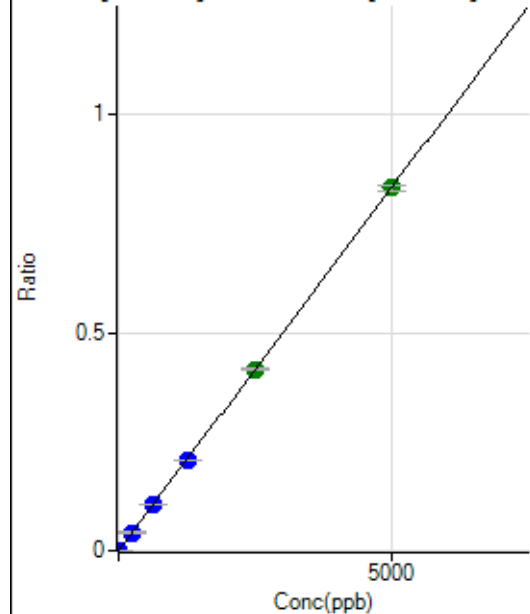
R = 1.0000

DL = 0.004039

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.3
2	☐	1.000	0.974	719.48	0.0002	P	11.7
3	☐	10.000	10.102	7452.22	0.0017	P	4.2
4	☐	250.000	251.464	186865.49	0.0419	P	1.3
5	☐	625.000	629.669	472998.70	0.1049	P	0.9
6	☐	1250.000	1253.634	944196.46	0.2088	P	0.1
7	☐	2500.000	2498.419	1920784.11	0.4161	A	1.7
8	☐	5000.000	4999.225	3887443.66	0.8326	A	1.6
9	☐			4473.07	0.0010	P	9.5
10	☐						

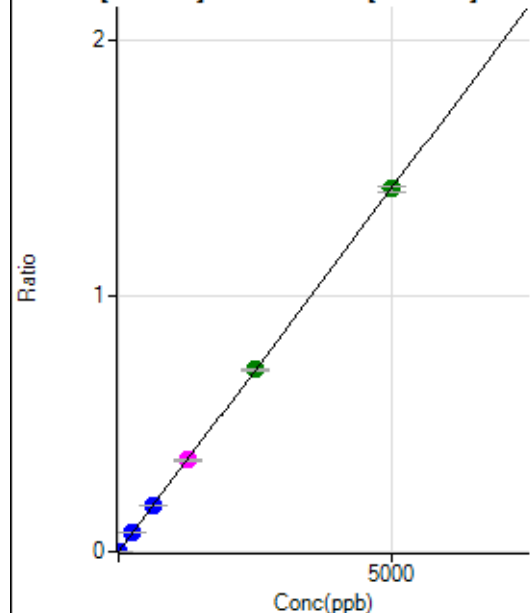
$$y = 1.6655E-004 * x + 4.5245E-006$$

R = 1.0000

DL = 0.07276

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.2
2	☐	1.000	1.054	1313.99	0.0003	P	11.2
3	☐	10.000	9.764	12280.96	0.0028	P	2.4
4	☐	250.000	253.629	321605.04	0.0721	P	1.4
5	☐	625.000	627.193	804002.53	0.1783	P	1.1
6	☐	1250.000	1258.824	1617909.56	0.3578	M	0.4
7	☐	2500.000	2506.568	3288375.22	0.7124	A	1.5
8	☐	5000.000	4994.055	6627000.49	1.4193	A	1.6
9	☐			8049.81	0.0018	P	6.3
10	☐						

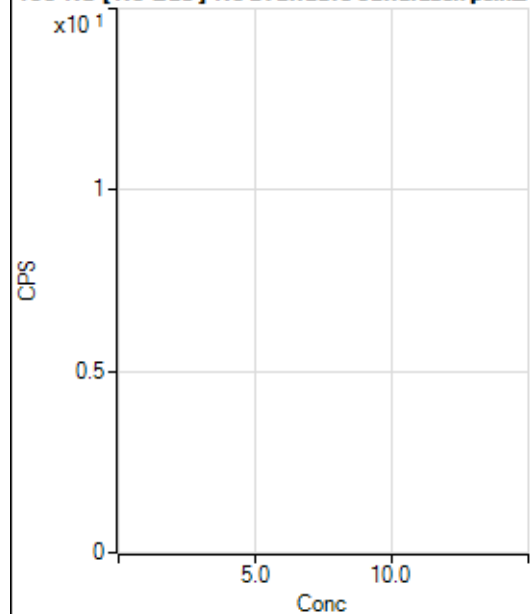
$$y = 2.8421\text{E-}004 * x + 5.1253\text{E-}006$$

$$R = 1.0000$$

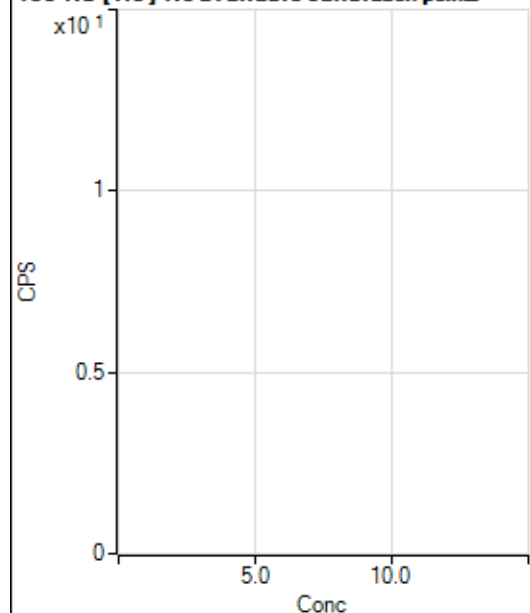
$$DL = 0.0115$$

Weight: <None>

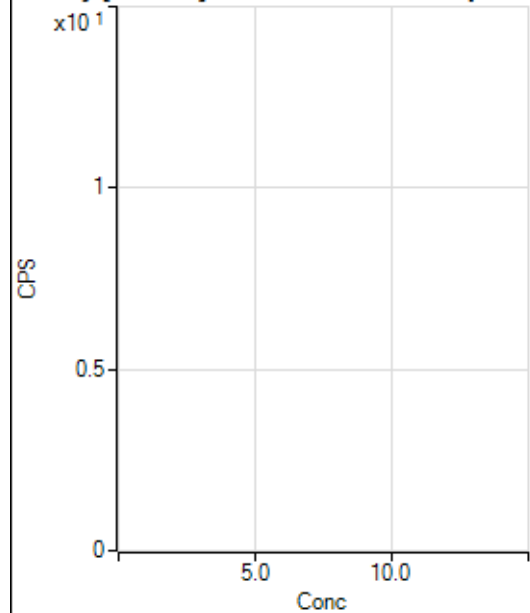
Min Conc: 0

150 Nd [No Gas] No available calibration points

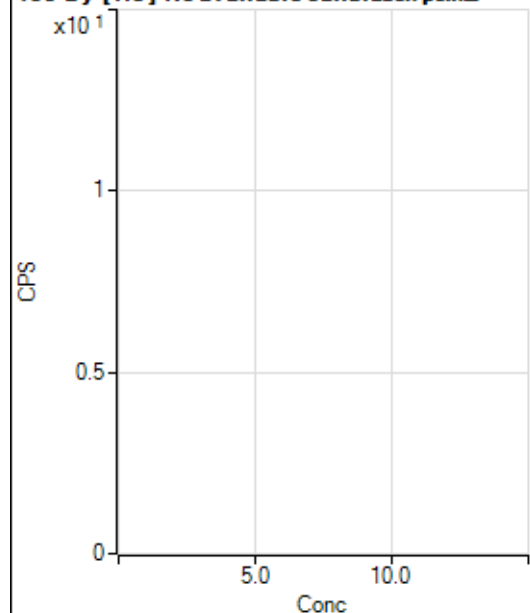
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	173.2
2	☐			6.67		P	100.0
3	☐			4.44		P	173.2
4	☐			4.45		P	86.6
5	☐			26.67		P	75.0
6	☐			22.22		P	62.4
7	☐			35.56		P	75.8
8	☐			95.56		P	17.6
9	☐			28.89		P	35.2
10	☐						

150 Nd [He] No available calibration points

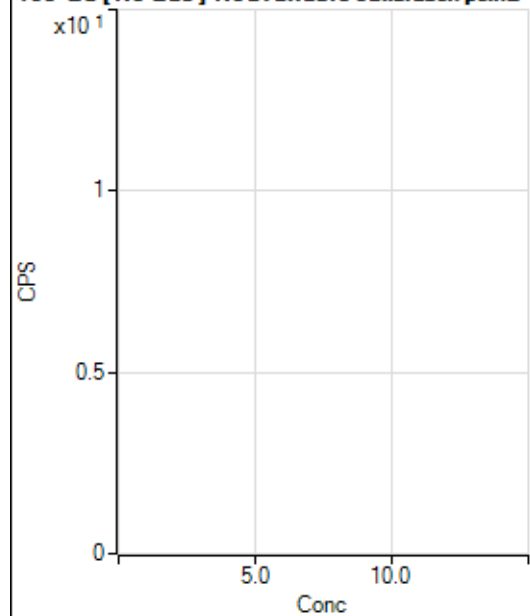
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			0.00		P	
6	☐			6.67		P	100.0
7	☐			11.11		P	45.8
8	☐			17.78		P	39.0
9	☐			11.11		P	69.3
10	☐						

156 Dy [No Gas] No available calibration points

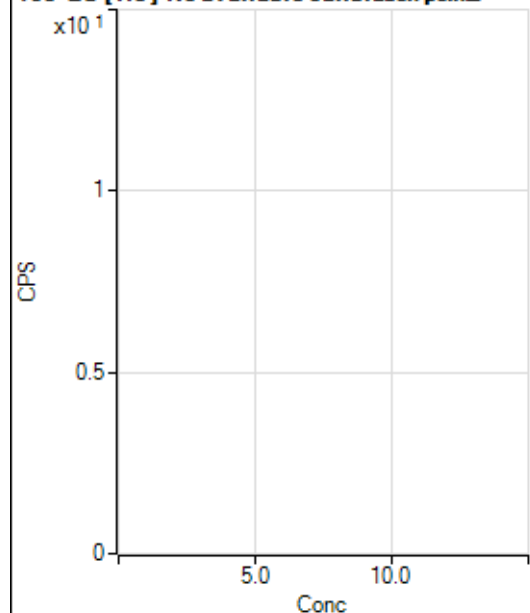
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	0.0
3	☐			5.56		P	173.2
4	☐			13.89		P	91.6
5	☐			2.78		P	173.2
6	☐			19.44		P	89.2
7	☐			8.33		P	100.0
8	☐			50.00		P	16.7
9	☐			13.89		P	69.3
10	☐						

156 Dy [He] No available calibration points

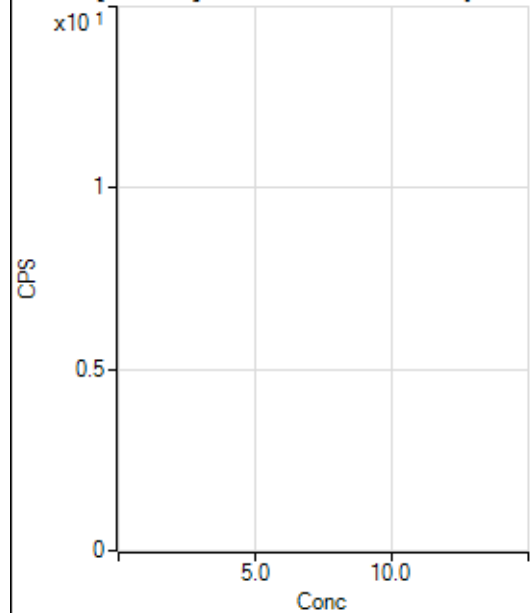
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	100.1
3	☐			2.22		P	86.6
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			5.56		P	34.7
7	☐			4.44		P	43.4
8	☐			11.11		P	45.8
9	☐			8.89		P	43.3
10	☐						

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

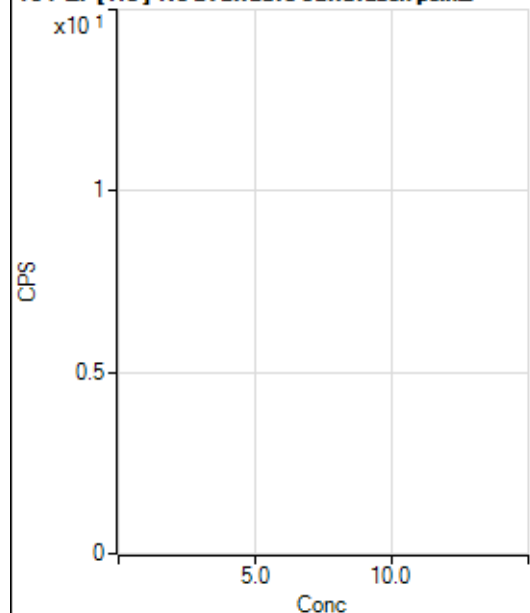
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			41.67		P	100.0
2	☐			58.34		P	0.0
3	☐			27.78		P	34.6
4	☐			38.89		P	32.7
5	☐			47.22		P	36.7
6	☐			52.78		P	59.8
7	☐			27.78		P	45.8
8	☐			58.34		P	37.8
9	☐			41.67		P	100.0
10	☐						

160 Gd [He] No available calibration points

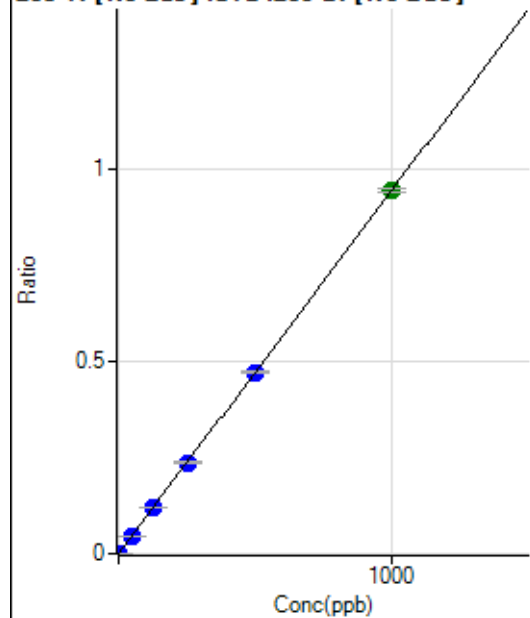
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17.78		P	75.8
2	☐			18.89		P	20.4
3	☐			24.44		P	20.8
4	☐			10.00		P	57.8
5	☐			14.44		P	53.3
6	☐			15.55		P	44.6
7	☐			16.67		P	40.0
8	☐			26.67		P	0.0
9	☐			21.11		P	24.1
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.11		P	35.3
2	☐			13.89		P	124.9
3	☐			25.00		P	33.3
4	☐			30.56		P	41.7
5	☐			25.00		P	66.7
6	☐			22.22		P	43.3
7	☐			19.44		P	99.0
8	☐			38.89		P	12.4
9	☐			22.22		P	43.3
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	62.5
2	☐			13.33		P	25.0
3	☐			5.56		P	91.6
4	☐			11.11		P	34.6
5	☐			7.78		P	24.7
6	☐			13.33		P	25.0
7	☐			13.33		P	43.3
8	☐			11.11		P	45.8
9	☐			11.11		P	62.5
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.3
2	☐	0.100	0.085	200.01	0.0001	P	8.5
3	☐	1.000	0.972	2244.71	0.0009	P	5.7
4	☐	50.000	49.868	115836.34	0.0471	P	0.9
5	☐	125.000	125.795	294638.84	0.1188	P	0.6
6	☐	250.000	251.677	589718.22	0.2377	P	1.1
7	☐	500.000	499.330	1195862.10	0.4716	P	1.3
8	☐	1000.000	999.823	2431195.93	0.9442	A	1.1
9	☐			3156.04	0.0014	P	6.4
10	☐						

$$y = 9.4441\text{E-}004 * x + 3.4575\text{E-}006$$

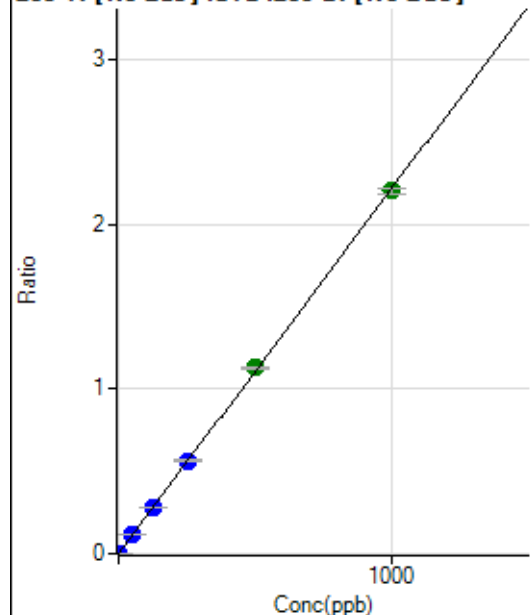
$$R = 1.0000$$

$$DL = 0.01101$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.3
2	☐	0.100	0.099	544.47	0.0002	P	9.8
3	☐	1.000	0.961	5206.77	0.0021	P	0.5
4	☐	50.000	50.465	274796.87	0.1117	P	1.1
5	☐	125.000	126.427	694200.04	0.2799	P	0.3
6	☐	250.000	254.121	1395739.46	0.5626	P	2.1
7	☐	500.000	508.796	2856668.23	1.1265	A	0.6
8	☐	1000.000	994.370	5668438.93	2.2015	A	1.7
9	☐			7469.07	0.0032	P	5.0
10	☐						

$$y = 0.0022 * x + 9.1985E-006$$

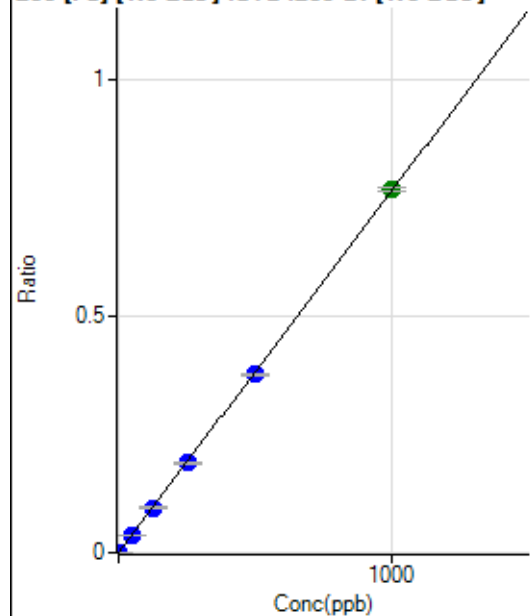
$$R = 0.9999$$

$$DL = 0.002659$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	59.26	0.0000	P	29.8
2	☐	0.100	0.110	259.27	0.0001	P	15.1
3	☐	1.000	0.910	1755.71	0.0007	P	7.3
4	☐	50.000	49.324	92831.40	0.0377	P	1.6
5	☐	125.000	124.849	236863.73	0.0955	P	1.1
6	☐	250.000	247.501	469689.91	0.1893	P	1.2
7	☐	500.000	494.239	958646.60	0.3780	P	1.0
8	☐	1000.000	1003.558	1976323.51	0.7676	A	1.0
9	☐			9998.43	0.0043	P	7.0
10	☐	10000.000					

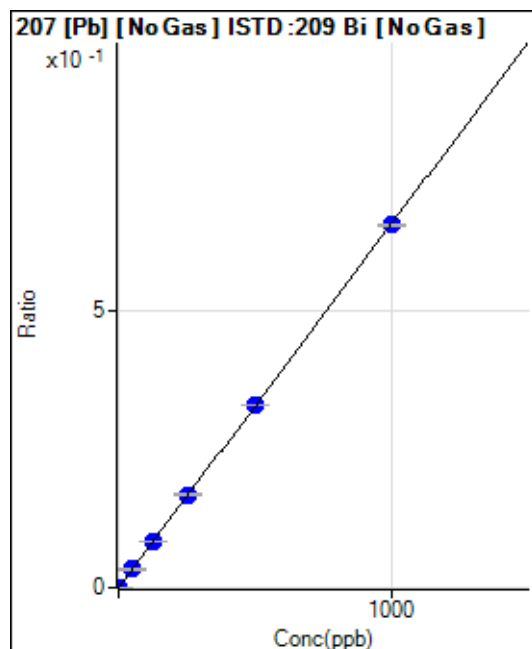
$$y = 7.6481E-004 * x + 2.4523E-005$$

$$R = 1.0000$$

$$DL = 0.02871$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	70.37	0.0000	P	18.4
2	☐	0.100	0.086	203.71	0.0001	P	14.4
3	☐	1.000	0.939	1579.76	0.0006	P	10.7
4	☐	50.000	50.484	81894.36	0.0333	P	1.3
5	☐	125.000	126.559	206912.05	0.0834	P	1.0
6	☐	250.000	254.912	416896.19	0.1680	P	1.6
7	☐	500.000	502.644	840102.65	0.3313	P	0.7
8	☐	1000.000	997.231	1692202.70	0.6572	P	0.6
9	☐			8843.91	0.0038	P	4.0
10	☐	10000.000					

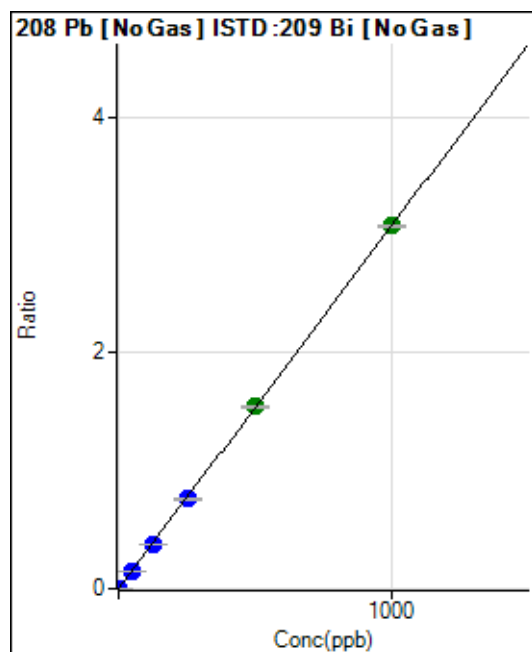
$$y = 6.5901E-004 * x + 2.9152E-005$$

R = 1.0000

DL = 0.02448

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	301.86	0.0001	P	8.9
2	☐	0.100	0.090	957.44	0.0004	P	7.7
3	☐	1.000	0.909	7124.97	0.0029	P	0.4
4	☐	50.000	49.481	375058.59	0.1525	P	1.1
5	☐	125.000	123.903	946600.70	0.3817	P	0.5
6	☐	250.000	247.578	1891932.44	0.7626	P	1.1
7	☐	500.000	501.307	3915558.16	1.5439	A	0.4
8	☐	1000.000	1000.115	7930474.94	3.0800	A	0.8
9	☐			39905.98	0.0172	P	4.8
10	☐	10000.000					

$$y = 0.0031 * x + 1.2502E-004$$

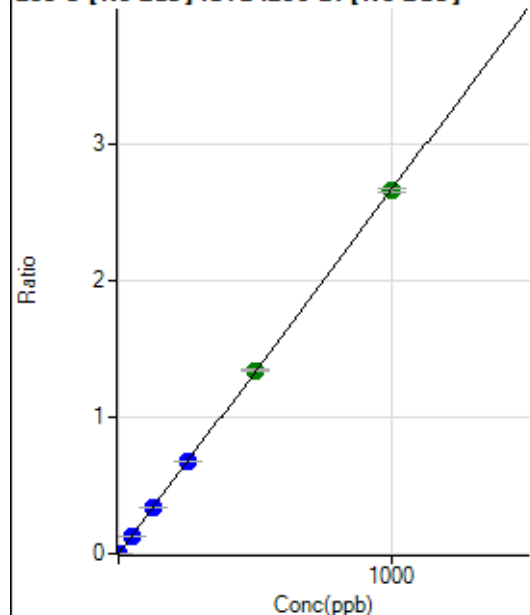
R = 1.0000

DL = 0.01084

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.6
2	☐	0.100	0.096	630.59	0.0003	P	8.7
3	☐	1.000	0.932	6076.63	0.0025	P	0.5
4	☐	50.000	49.822	326377.35	0.1327	P	0.5
5	☐	125.000	125.446	828623.12	0.3341	P	0.7
6	☐	250.000	253.192	1673044.70	0.6743	P	1.0
7	☐	500.000	504.484	3407296.32	1.3436	A	1.4
8	☐	1000.000	996.913	6836104.67	2.6551	A	1.2
9	☐			7110.53	0.0031	P	10.7
10	☐						

$$y = 0.0027 * x + 1.0360E-005$$

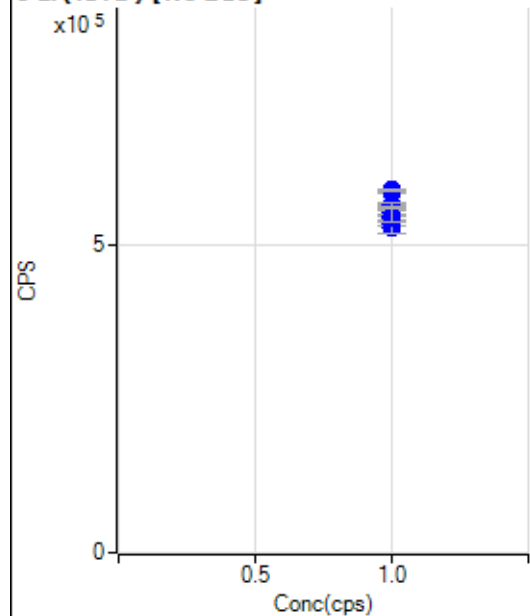
$$R = 1.0000$$

$$DL = 0.003924$$

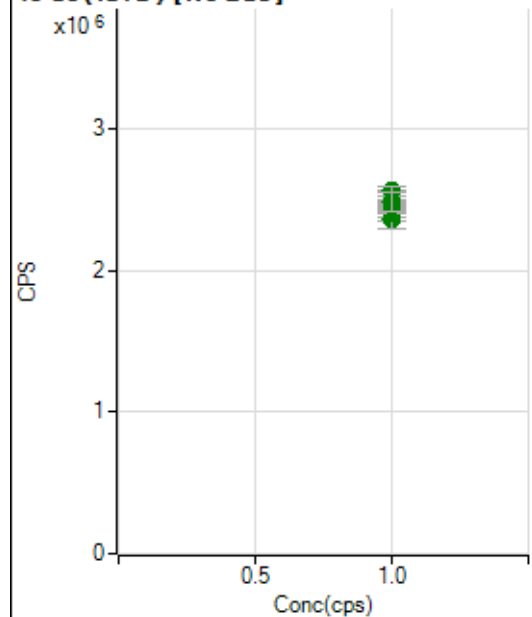
Weight: <None>

Min Conc: 0

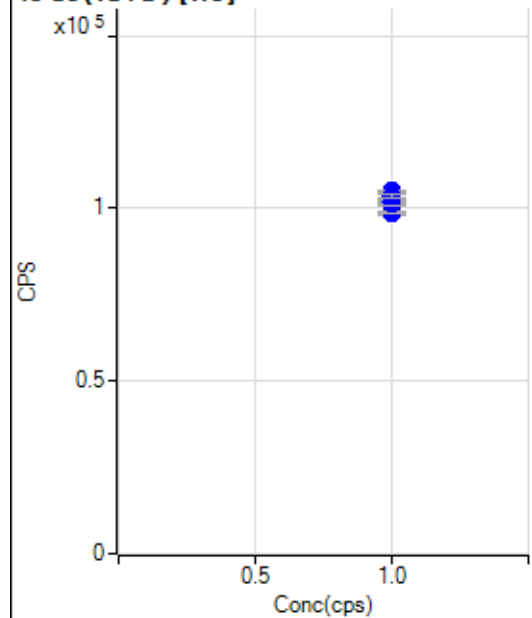
6 Li (ISTD) [No Gas]



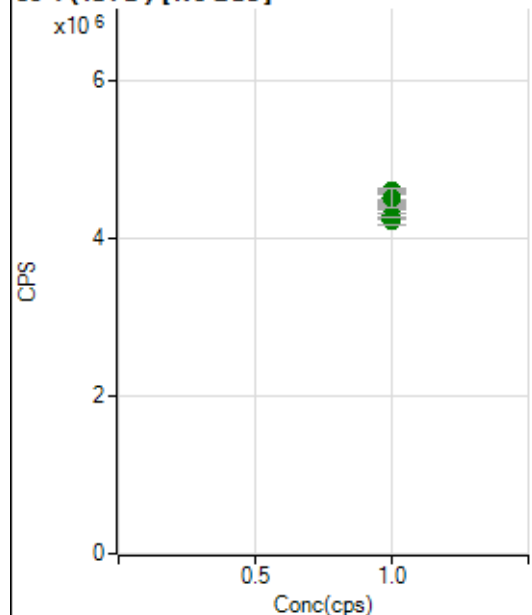
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		533174.19		P	1.0
2	☐	1.000		527940.16		P	3.3
3	☐	1.000		543227.63		P	1.3
4	☐	1.000		552375.54		P	0.9
5	☐	1.000		565579.90		P	0.4
6	☐	1.000		566435.34		P	1.2
7	☐	1.000		583932.94		P	0.4
8	☐	1.000		589543.30		P	0.2
9	☐	1.000		547857.09		P	3.6
10	☐	1.000					

45 Sc (ISTD) [No Gas]

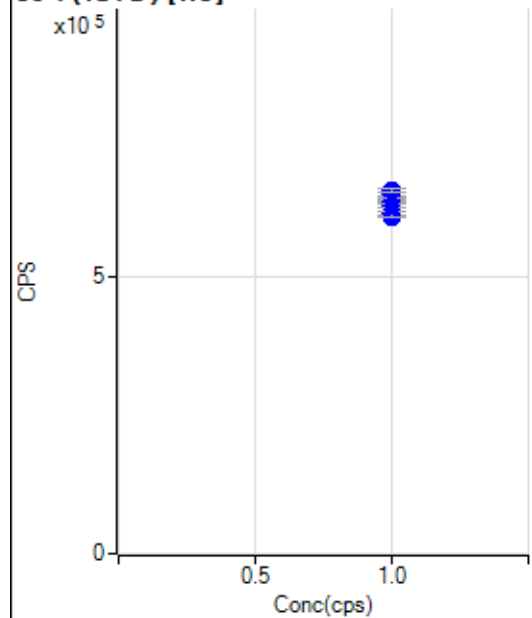
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2366768.77		A	1.6
2	☐	1.000		2366863.11		A	5.3
3	☐	1.000		2409440.73		A	0.3
4	☐	1.000		2456642.79		A	0.9
5	☐	1.000		2479118.35		A	0.7
6	☐	1.000		2481147.46		A	0.7
7	☐	1.000		2533341.94		A	2.5
8	☐	1.000		2565906.30		A	2.8
9	☐	1.000		2488810.74		A	5.5
10	☐	1.000					

45 Sc (ISTD) [He]

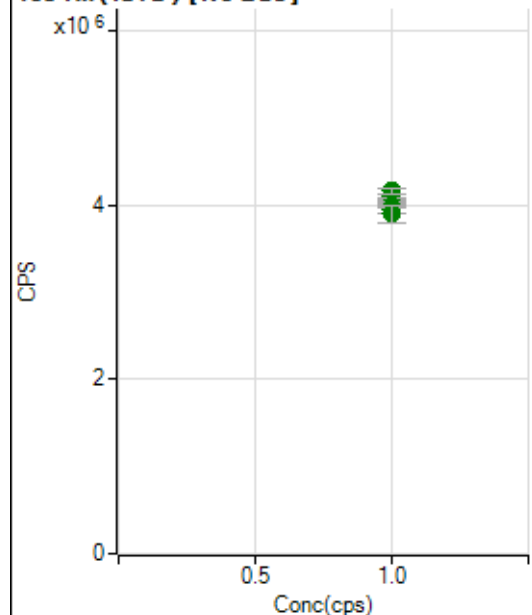
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		98781.37		P	0.4
2	☐	1.000		98623.81		P	1.0
3	☐	1.000		98679.65		P	0.4
4	☐	1.000		101509.15		P	0.6
5	☐	1.000		101873.88		P	0.6
6	☐	1.000		101737.61		P	1.4
7	☐	1.000		105029.47		P	0.8
8	☐	1.000		104800.01		P	0.4
9	☐	1.000		103688.87		P	1.0
10	☐	1.000					

89 Y (ISTD) [No Gas]

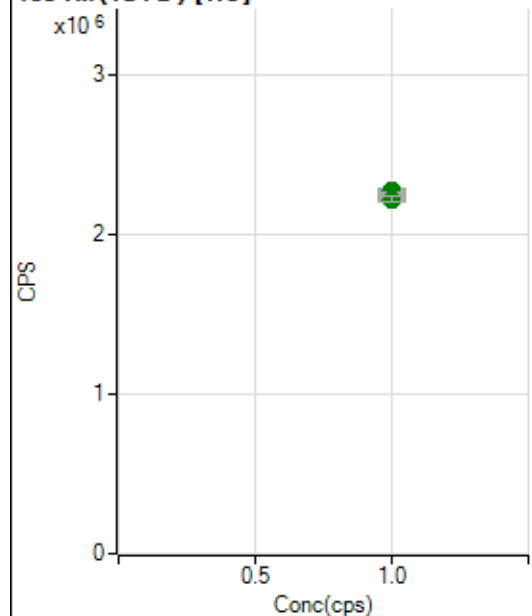
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4217335.56		A	1.5
2	☐	1.000		4250657.09		A	3.1
3	☐	1.000		4300639.41		A	1.7
4	☐	1.000		4443304.27		A	1.4
5	☐	1.000		4387783.03		A	0.4
6	☐	1.000		4442427.12		A	0.6
7	☐	1.000		4526900.63		A	1.8
8	☐	1.000		4609404.55		A	0.3
9	☐	1.000		4516495.87		A	5.8
10	☐	1.000					

89 Y (ISTD) [He]

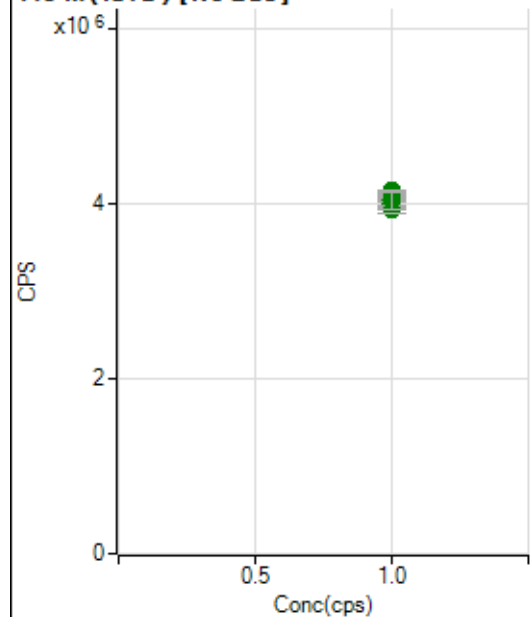
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		608011.21		P	0.6
2	☐	1.000		609684.90		P	0.2
3	☐	1.000		611942.05		P	1.4
4	☐	1.000		627783.06		P	1.1
5	☐	1.000		633564.39		P	0.2
6	☐	1.000		634029.82		P	1.2
7	☐	1.000		642623.08		P	0.7
8	☐	1.000		646766.87		P	1.2
9	☐	1.000		653818.81		P	0.9
10	☐	1.000					

103 Rh (ISTD) [No Gas]

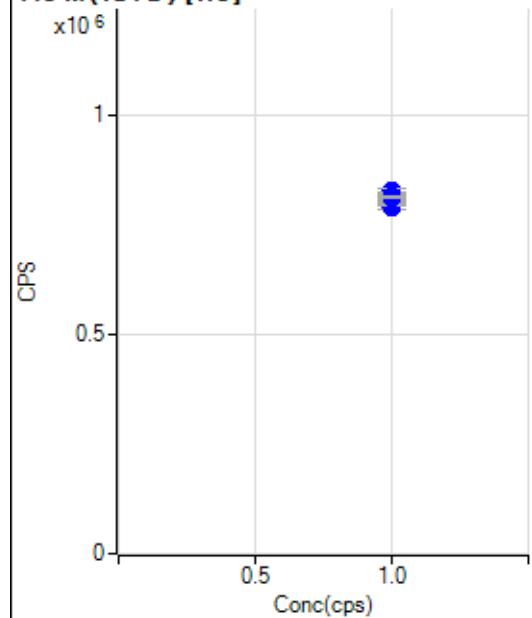
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3957290.23		A	2.5
2	☐	1.000		3959000.35		A	3.1
3	☐	1.000		4007224.22		A	1.2
4	☐	1.000		4085770.15		A	2.0
5	☐	1.000		4040425.31		A	0.7
6	☐	1.000		4054866.59		A	0.7
7	☐	1.000		4104414.85		A	1.1
8	☐	1.000		4166596.31		A	1.9
9	☐	1.000		3903216.10		A	5.0
10	☐	1.000					

103 Rh (ISTD) [He]

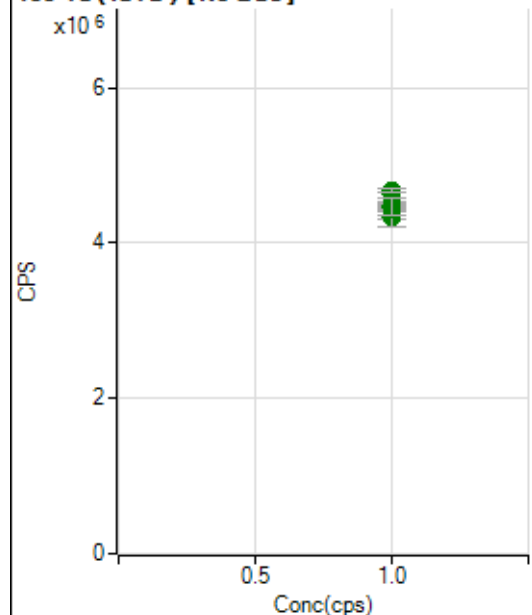
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2221850.90		A	1.2
2	☐	1.000		2216515.82		A	1.5
3	☐	1.000		2220043.46		A	0.4
4	☐	1.000		2267597.55		A	1.8
5	☐	1.000		2262563.58		A	1.2
6	☐	1.000		2273510.12		A	1.5
7	☐	1.000		2267450.26		A	0.3
8	☐	1.000		2259031.44		A	1.0
9	☐	1.000		2219880.75		A	1.6
10	☐	1.000					

115 In (ISTD) [No Gas]

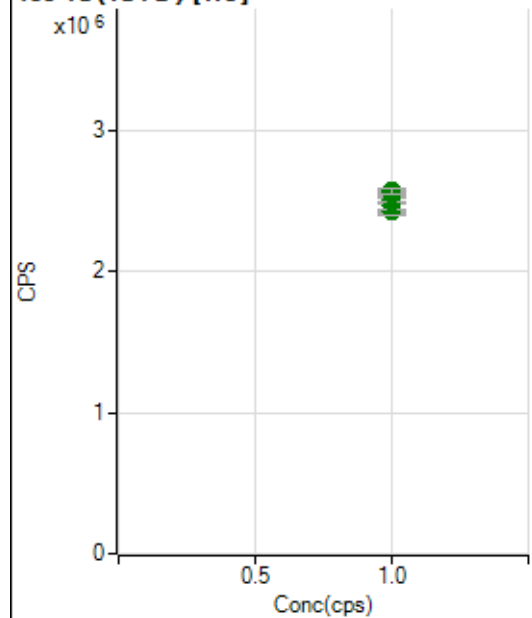
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3970577.15		A	0.7
2	☐	1.000		3935806.67		A	2.3
3	☐	1.000		4011511.19		A	1.0
4	☐	1.000		4085742.02		A	1.7
5	☐	1.000		4100062.67		A	1.5
6	☐	1.000		4099769.22		A	0.8
7	☐	1.000		4124179.97		A	0.9
8	☐	1.000		4152050.15		A	0.8
9	☐	1.000		4038862.60		A	5.0
10	☐	1.000					

115 In (ISTD) [He]

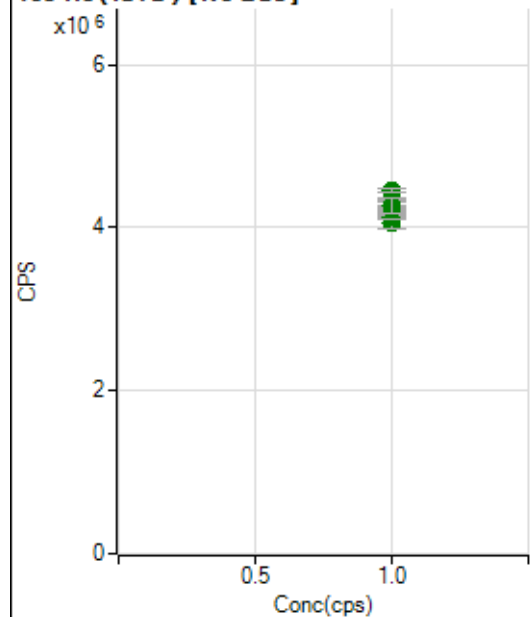
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		797740.29		P	1.1
2	☐	1.000		789582.45		P	1.0
3	☐	1.000		795435.04		P	0.5
4	☐	1.000		812639.56		P	1.5
5	☐	1.000		810965.56		P	0.5
6	☐	1.000		815255.60		P	0.7
7	☐	1.000		827173.08		P	1.0
8	☐	1.000		814105.06		P	0.7
9	☐	1.000		813893.63		P	0.4
10	☐	1.000					

159 Tb (ISTD) [No Gas]

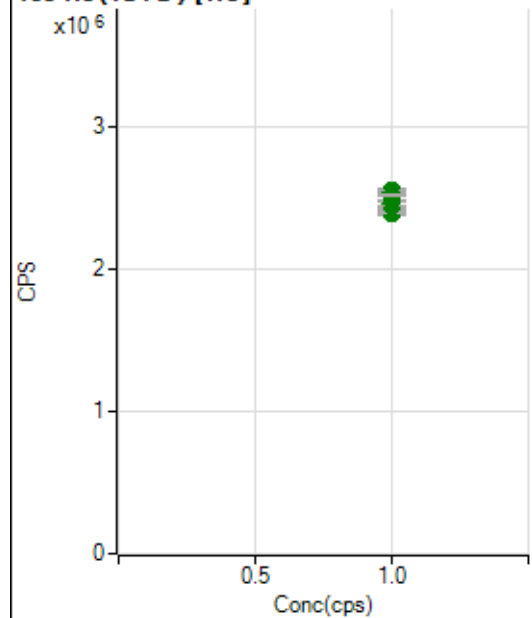
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4333266.39		A	1.4
2	☐	1.000		4331359.87		A	5.7
3	☐	1.000		4417879.31		A	1.0
4	☐	1.000		4461606.39		A	0.9
5	☐	1.000		4510489.90		A	1.1
6	☐	1.000		4522170.70		A	0.3
7	☐	1.000		4616594.97		A	1.4
8	☐	1.000		4669502.05		A	1.0
9	☐	1.000		4473856.67		A	5.2
10	☐	1.000					

159 Tb (ISTD) [He]

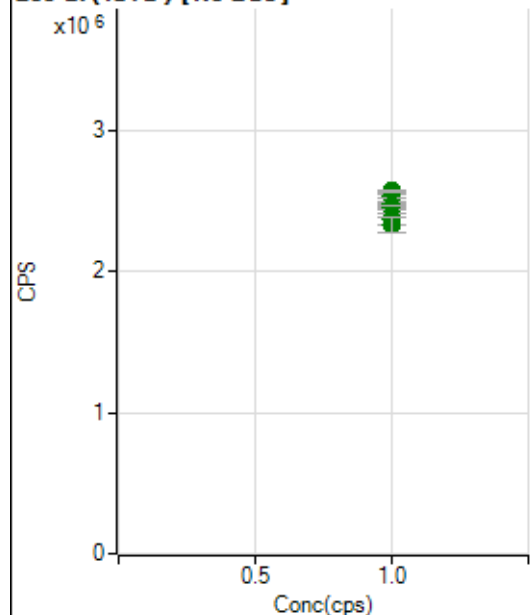
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2425721.04		A	0.8
2	☐	1.000		2437101.13		A	0.5
3	☐	1.000		2422851.77		A	1.7
4	☐	1.000		2468967.77		A	2.5
5	☐	1.000		2503159.13		A	1.8
6	☐	1.000		2514678.90		A	1.0
7	☐	1.000		2550654.82		A	1.2
8	☐	1.000		2563361.06		A	1.0
9	☐	1.000		2575008.36		A	1.4
10	☐	1.000					

165 Ho (ISTD) [No Gas]

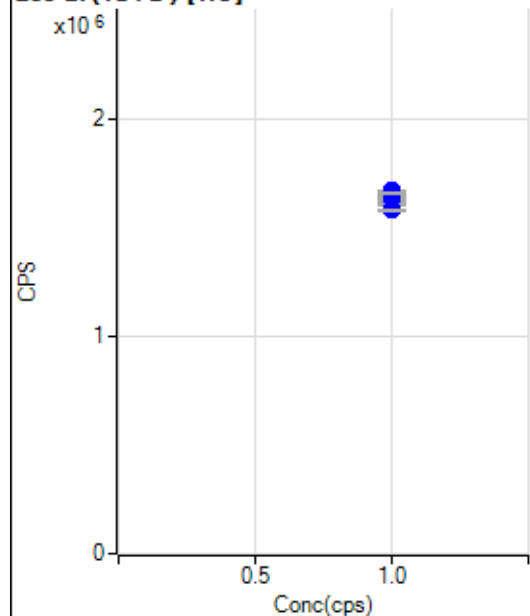
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4115761.60		A	0.8
2	☐	1.000		4058522.31		A	3.5
3	☐	1.000		4128860.81		A	1.1
4	☐	1.000		4215848.45		A	0.8
5	☐	1.000		4219138.68		A	0.3
6	☐	1.000		4248417.02		A	0.5
7	☐	1.000		4331873.23		A	0.7
8	☐	1.000		4450241.94		A	0.9
9	☐	1.000		4264961.07		A	4.4
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2420429.43		A	1.0
2	☐	1.000		2400163.12		A	1.5
3	☐	1.000		2404647.94		A	0.7
4	☐	1.000		2458684.72		A	1.3
5	☐	1.000		2451135.87		A	0.3
6	☐	1.000		2487169.67		A	0.1
7	☐	1.000		2553669.62		A	1.1
8	☐	1.000		2540416.44		A	1.1
9	☐	1.000		2523242.90		A	0.8
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2414735.04		A	0.4
2	☐	1.000		2379687.45		A	3.4
3	☐	1.000		2436862.24		A	1.4
4	☐	1.000		2459575.35		A	1.3
5	☐	1.000		2480053.07		A	0.5
6	☐	1.000		2481263.64		A	1.4
7	☐	1.000		2536052.04		A	0.8
8	☐	1.000		2574836.70		A	0.5
9	☐	1.000		2328435.54		A	4.7
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1599505.37		P	0.2
2	☐	1.000		1608369.18		P	0.6
3	☐	1.000		1605762.62		P	0.4
4	☐	1.000		1638984.23		P	1.5
5	☐	1.000		1639012.49		P	0.6
6	☐	1.000		1648188.85		P	0.6
7	☐	1.000		1667265.43		P	0.6
8	☐	1.000		1659888.05		P	0.5
9	☐	1.000		1579972.27		P	0.6
10	☐	1.000					