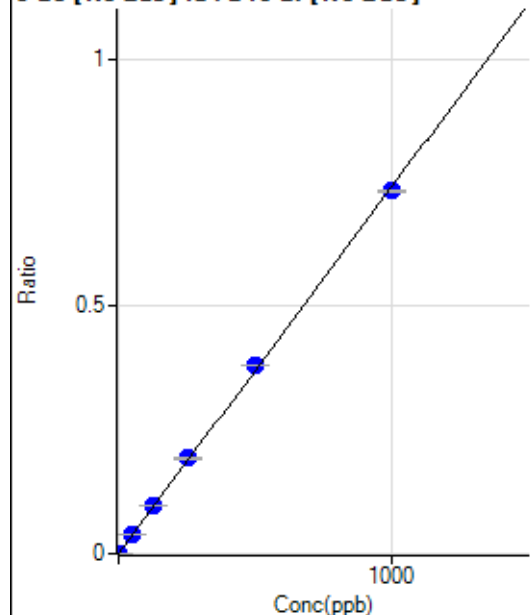


Batch Folder: D:\ICP-MS Data\P7072119 MS.b\
Analysis File: P7072119 MS.batch.bin
DA Date-Time: 2019-07-21 17:01:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-21 16:01:38
2			
3	005CALS.d	S02	2019-07-21 16:09:13
4	006CALS.d	S03	2019-07-21 16:13:10
5	007CALS.d	S04	2019-07-21 16:17:07
6	008CALS.d	S05	2019-07-21 16:21:04
7	009CALS.d	S06	2019-07-21 16:24:59
8	010CALS.d	S07	2019-07-21 16:28:53
9	011CALS.d	S08	2019-07-21 16:32:45

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	60.0
2	☐	0.100					
3	☐	1.000	0.997	687.81	0.0008	P	5.6
4	☐	50.000	53.220	35869.05	0.0395	P	1.0
5	☐	125.000	130.627	82462.13	0.0968	P	0.4
6	☐	250.000	260.081	148009.14	0.1928	P	0.5
7	☐	500.000	513.166	286418.41	0.3803	P	0.3
8	☐	1000.000	990.032	554689.07	0.7337	P	0.2
9	☐			103.33	0.0001	P	17.2

$$y = 7.4109\text{E-}004 * x + 1.8126\text{E-}005$$

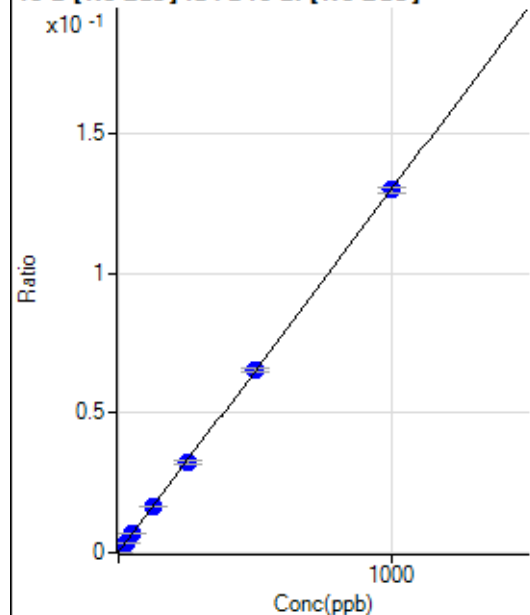
$$R = 0.9998$$

$$DL = 0.044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.79	0.0002	P	13.6
2	☐	2.500					
3	☐	25.000	23.340	2908.72	0.0032	P	4.0
4	☐	50.000	49.974	6059.80	0.0067	P	1.6
5	☐	125.000	124.402	13920.80	0.0163	P	1.4
6	☐	250.000	249.237	25018.63	0.0326	P	3.6
7	☐	500.000	503.458	49439.86	0.0657	P	1.9
8	☐	1000.000	998.579	98318.29	0.1301	P	1.7
9	☐			5723.55	0.0083	P	17.9

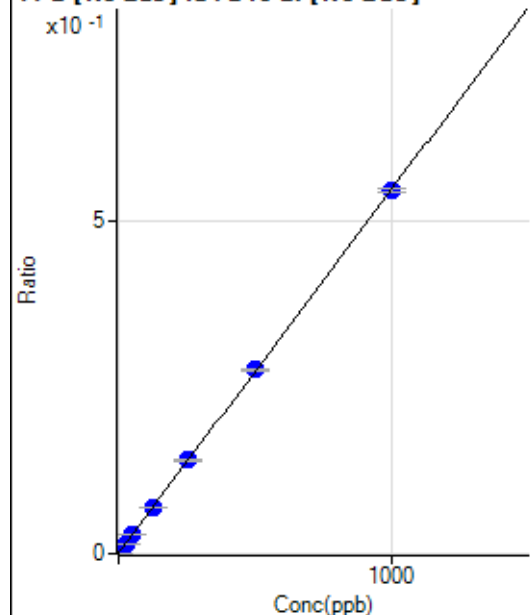
$$y = 1.3007\text{E-}004 * x + 1.6622\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5223$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	791.72	0.0009	P	8.5
2	☐	2.500					
3	☐	25.000	22.952	12163.70	0.0134	P	4.1
4	☐	50.000	50.639	25909.11	0.0285	P	1.4
5	☐	125.000	124.024	58379.85	0.0686	P	1.9
6	☐	250.000	255.096	107569.32	0.1401	P	1.7
7	☐	500.000	505.115	208289.24	0.2766	P	0.6
8	☐	1000.000	996.309	411779.67	0.5447	P	1.2
9	☐			25221.98	0.0364	P	13.8

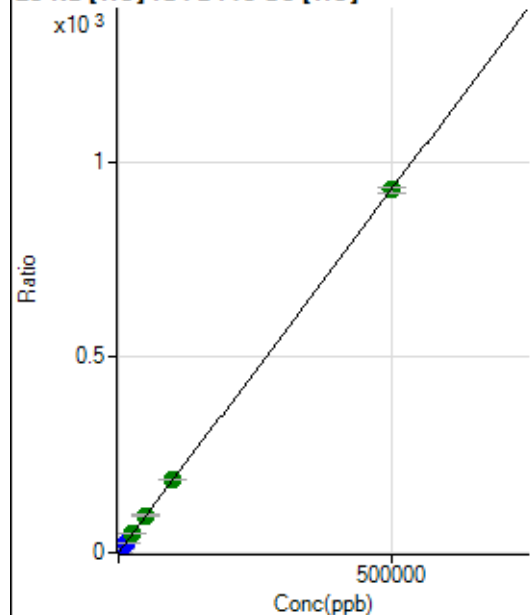
$$y = 5.4584\text{E-}004 * x + 8.6138\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4034$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2719.79	0.0429	P	6.2
2	☐	50.000					
3	☐	500.000	493.116	59820.03	0.9582	P	1.4
4	☐	5000.000	5191.689	581049.04	9.6798	P	1.7
5	☐	12500.000	12836.339	1312721.62	23.8699	P	0.2
6	☐	25000.000	25498.945	2405922.30	47.3745	A	0.6
7	☐	50000.000	51611.373	4801630.18	95.8449	A	0.9
8	☐	100000.00	100962.73	9846165.67	187.4519	A	1.1
9	☐	500000.00	499611.05	48409126.0	927.4309	A	1.9

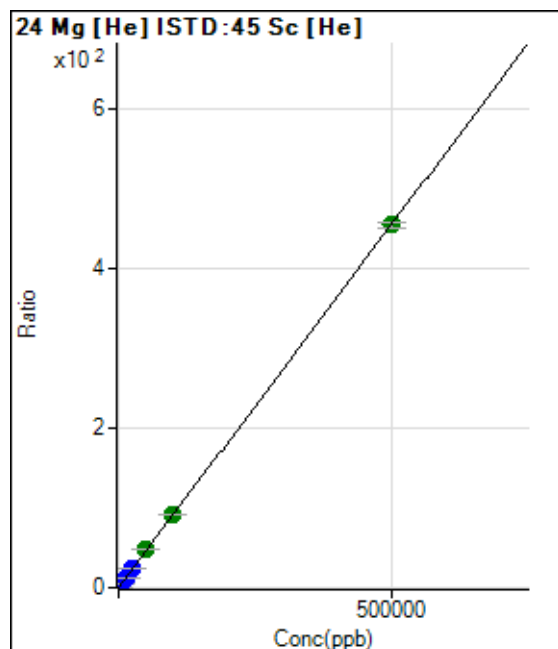
$$y = 0.0019 * x + 0.0429$$

$$R = 1.0000$$

$$DL = 4.284$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0004	P	1.1
2	☐	50.000					
3	☐	500.000	524.342	29827.59	0.4777	P	3.5
4	☐	5000.000	5369.424	293397.94	4.8880	P	2.0
5	☐	12500.000	13413.538	671509.86	12.2104	P	0.8
6	☐	25000.000	26274.578	1214572.65	23.9174	P	1.2
7	☐	50000.000	52124.106	2377048.01	47.4475	A	0.6
8	☐	100000.00	100978.82	4828250.15	91.9185	A	0.9
9	☐	500000.00	499501.53	23734707.9	454.6824	A	1.4

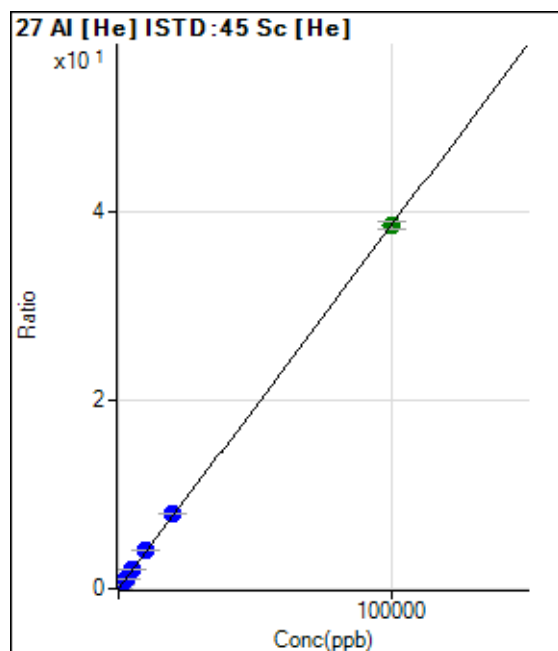
$$y = 9.1027\text{E-}004 * x + 3.9385\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01454$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0001	P	1.1
2	☐	2.000					
3	☐	20.000	20.613	505.59	0.0081	P	9.9
4	☐	1000.000	1069.550	24815.89	0.4133	P	1.1
5	☐	2500.000	2653.263	56378.98	1.0252	P	1.1
6	☐	5000.000	5340.486	104778.99	2.0634	P	1.5
7	☐	10000.000	10652.949	206193.08	4.1158	P	0.7
8	☐	20000.000	20433.774	414694.59	7.8945	P	0.6
9	☐	100000.00	99826.399	2013082.29	38.5668	A	2.0

$$y = 3.8634\text{E-}004 * x + 1.3123\text{E-}004$$

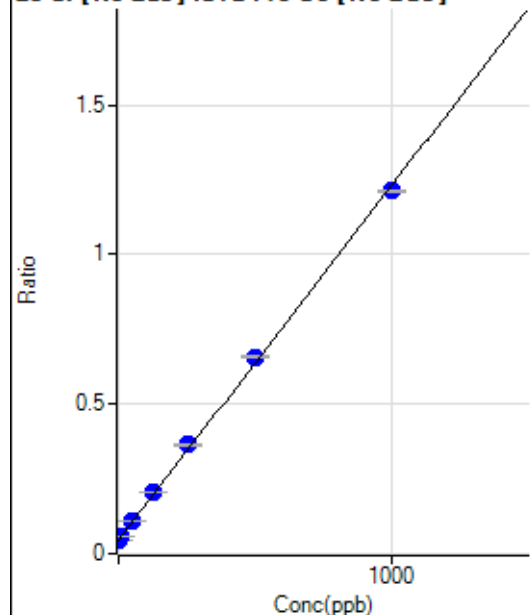
$$R = 1.0000$$

$$DL = 0.01141$$

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	64098.99	0.0459	P	1.1
2	☐	1.000					
3	☐	10.000	9.770	78019.78	0.0574	P	2.5
4	☐	50.000	54.781	149834.20	0.1107	P	0.7
5	☐	125.000	135.783	260146.97	0.2067	P	1.0
6	☐	250.000	268.626	405371.79	0.3640	P	0.5
7	☐	500.000	516.849	722005.18	0.6580	P	0.8
8	☐	1000.000	985.335	1350656.97	1.2129	P	0.2
9	☐			142132.52	0.1340	P	10.0

$$y = 0.0012 * x + 0.0459$$

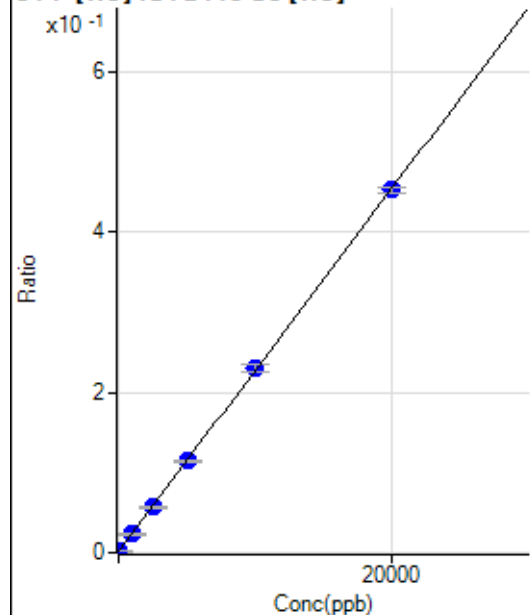
$$R = 0.9996$$

$$DL = 1.264$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-43.283	19.44	0.0003	P	48.9
2	☐	0.000					
3	☐	0.000	43.283	141.68	0.0023	P	30.3
4	☐	1000.000	977.767	1405.68	0.0234	P	10.9
5	☐	2500.000	2446.105	3117.12	0.0567	P	1.5
6	☐	5000.000	4990.609	5804.13	0.1143	P	2.9
7	☐	10000.000	10120.824	11546.49	0.2305	P	3.6
8	☐	20000.000	19949.784	23805.80	0.4531	P	1.8
9	☐			41.67	0.0008	P	35.1

$$y = 2.2648E-005 * x + 0.0013$$

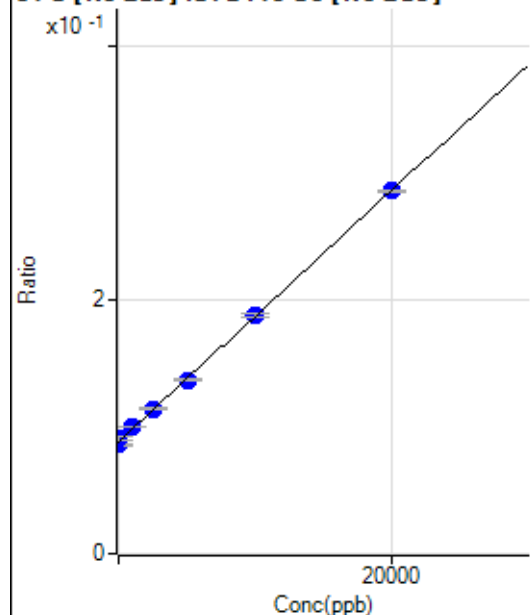
$$R = 1.0000$$

$$DL = 55.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-245.913	120193.38	0.0860	P	1.3
2	☐	0.000					
3	☐	0.000	245.913	123415.63	0.0908	P	3.6
4	☐	1000.000	1147.990	135012.59	0.0998	P	0.9
5	☐	2500.000	2610.860	143838.51	0.1143	P	1.2
6	☐	5000.000	4911.905	152643.04	0.1371	P	1.5
7	☐	10000.000	10098.550	206770.22	0.1885	P	1.3
8	☐	20000.000	19951.492	318544.96	0.2861	P	0.7
9	☐			93163.08	0.0878	P	8.7

$$y = 9.9067\text{E-}006 * x + 0.0884$$

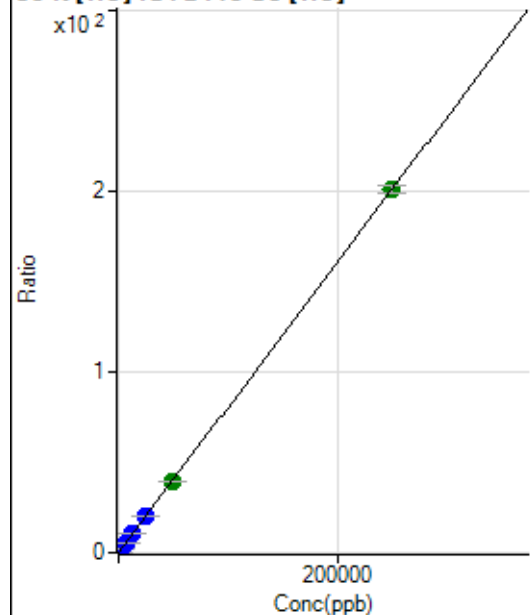
$$R = 0.9997$$

$$DL = 667.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4775.95	0.0752	P	4.6
2	☐	50.000					
3	☐	500.000	493.912	29399.37	0.4709	P	1.0
4	☐	2500.000	2581.417	128648.25	2.1429	P	0.5
5	☐	6250.000	6431.582	287454.03	5.2269	P	0.5
6	☐	12500.000	12727.873	521549.08	10.2701	P	1.0
7	☐	25000.000	25470.365	1025863.32	20.4767	P	0.2
8	☐	50000.000	48574.443	2047756.08	38.9829	A	0.6
9	☐	250000.00	250221.34	10465260.6	200.4998	A	2.2

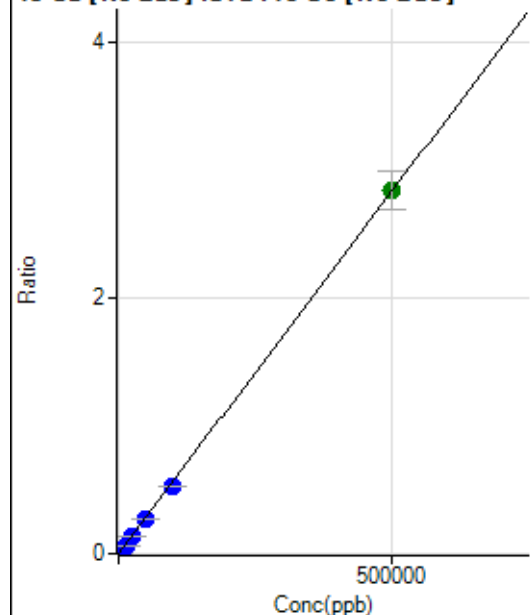
$$y = 8.0099\text{E-}004 * x + 0.0752$$

$$R = 1.0000$$

$$DL = 13.04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.2
2	☐	50.000					
3	☐	500.000	470.732	3645.03	0.0027	P	2.1
4	☐	5000.000	4621.637	35454.38	0.0262	P	0.6
5	☐	12500.000	11677.584	83322.97	0.0662	P	1.0
6	☐	25000.000	23814.787	150289.19	0.1350	P	0.6
7	☐	50000.000	47950.083	298148.28	0.2717	P	0.2
8	☐	100000.00	94045.003	593422.39	0.5329	P	0.4
9	☐	500000.00	501479.62	3013915.32	2.8417	A	10.4

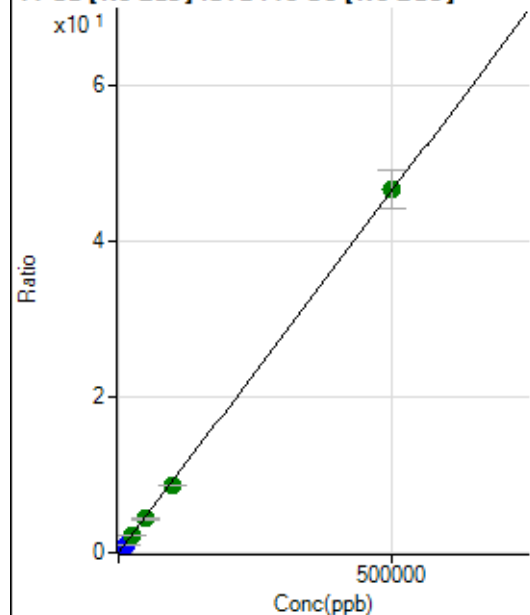
$$y = 5.6665E-006 * x + 1.3901E-005$$

$$R = 0.9999$$

$$DL = 1.783$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1697.39	0.0012	P	3.5
2	☐	50.000					
3	☐	500.000	429.747	55797.53	0.0411	P	2.3
4	☐	5000.000	4567.931	574813.96	0.4248	P	0.3
5	☐	12500.000	11211.300	1310238.44	1.0409	P	0.3
6	☐	25000.000	23222.408	2399471.75	2.1547	A	0.7
7	☐	50000.000	46727.105	4755665.73	4.3344	A	0.8
8	☐	100000.00	92443.412	9547327.99	8.5739	A	0.1
9	☐	500000.00	501964.09	49371633.7	46.5506	A	10.6

$$y = 9.2735E-005 * x + 0.0012$$

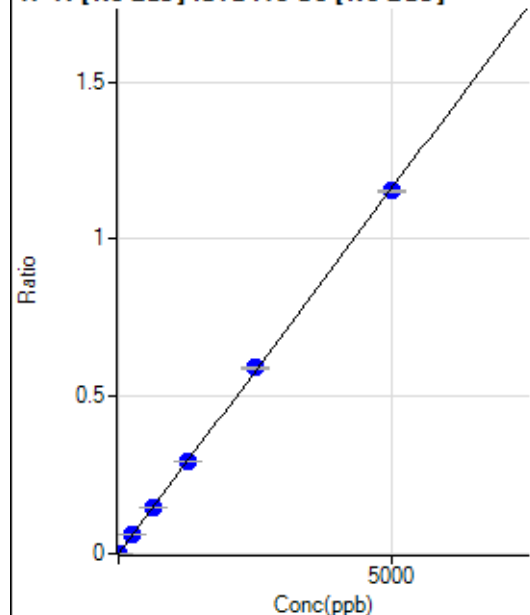
$$R = 0.9999$$

$$DL = 1.365$$

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	25.00	0.0000	P	34.0
2	☐	0.500					
3	☐	5.000	5.190	1664.05	0.0012	P	7.1
4	☐	250.000	252.460	79338.66	0.0586	P	0.6
5	☐	625.000	625.988	182979.07	0.1454	P	0.5
6	☐	1250.000	1273.480	329274.12	0.2957	P	0.5
7	☐	2500.000	2548.257	649173.26	0.5917	P	0.9
8	☐	5000.000	4969.754	1284898.43	1.1539	P	0.4
9	☐			355.58	0.0003	P	15.0

$$y = 2.3218\text{E-}004 * x + 1.7913\text{E-}005$$

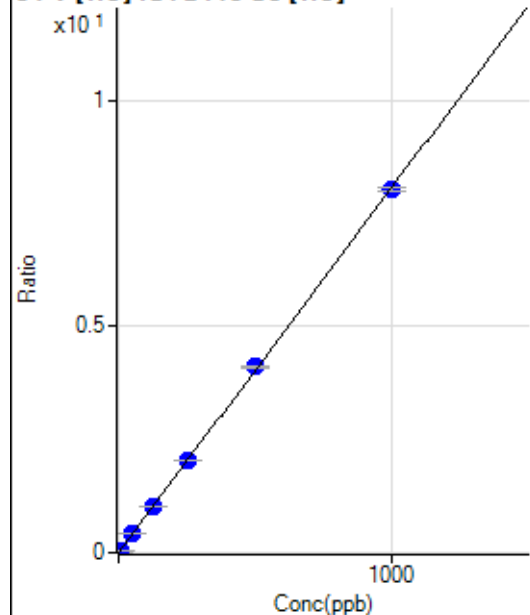
$$R = 0.9999$$

$$DL = 0.07878$$

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	3.33	0.0001	P	99.9
2	☐	0.500					
3	☐	5.000	4.888	2463.58	0.0395	P	3.4
4	☐	50.000	50.827	24601.85	0.4098	P	1.0
5	☐	125.000	126.206	55958.02	1.0175	P	0.9
6	☐	250.000	252.709	103470.41	2.0374	P	0.6
7	☐	500.000	508.807	205512.43	4.1022	P	0.2
8	☐	1000.000	994.728	421256.27	8.0198	P	1.0
9	☐			91.11	0.0017	P	17.8

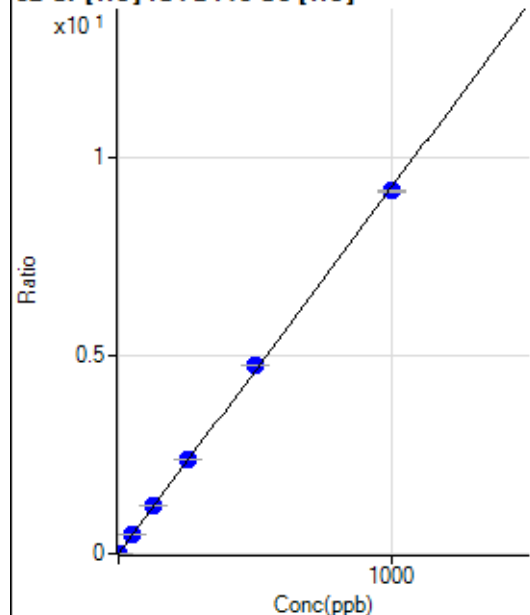
$$y = 0.0081 * x + 5.2147\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01939$$

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	174.45	0.0028	P	19.6
2	☐	0.200					
3	☐	2.000	1.888	1261.19	0.0202	P	3.8
4	☐	50.000	51.755	28872.84	0.4810	P	2.1
5	☐	125.000	128.708	65564.94	1.1922	P	0.3
6	☐	250.000	255.598	120096.25	2.3648	P	0.5
7	☐	500.000	514.355	238273.72	4.7561	P	0.1
8	☐	1000.000	990.872	481146.10	9.1597	P	0.7
9	☐			8717.13	0.1670	P	1.3

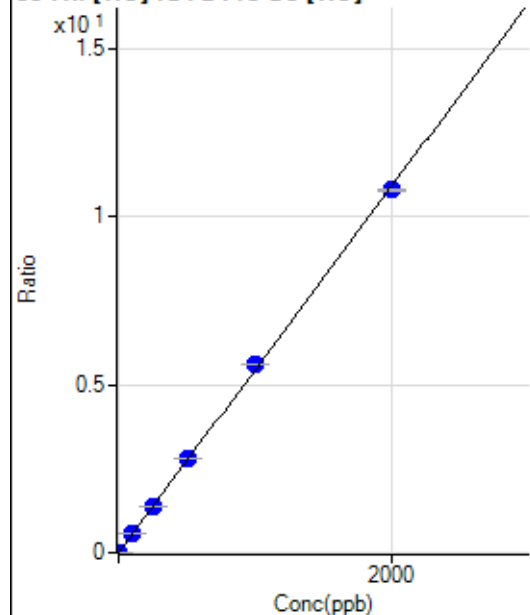
$$y = 0.0092 * x + 0.0028$$

$$R = 0.9998$$

$$DL = 0.1747$$

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	14.44	0.0002	P	35.0
2	☐	0.100					
3	☐	1.000	1.058	374.46	0.0060	P	5.0
4	☐	100.000	101.532	33246.59	0.5538	P	1.3
5	☐	250.000	254.189	76236.31	1.3862	P	0.6
6	☐	500.000	514.305	142424.98	2.8046	P	0.9
7	☐	1000.000	1029.041	281116.08	5.6112	P	0.1
8	☐	2000.000	1981.303	567511.86	10.8036	P	0.5
9	☐			1637.89	0.0314	P	8.6

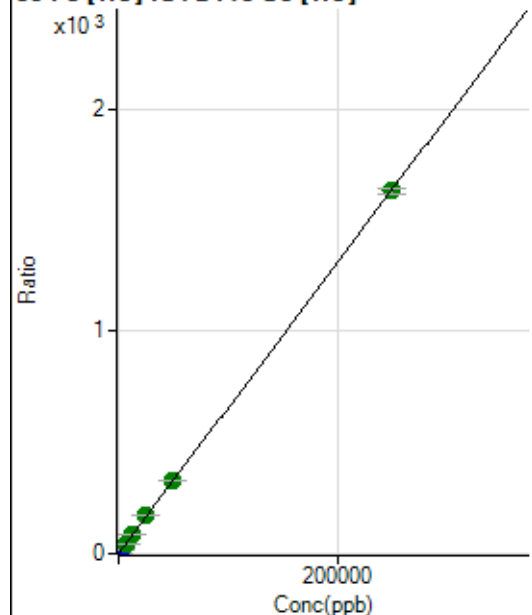
$$y = 0.0055 * x + 2.2752E-004$$

$$R = 0.9998$$

$$DL = 0.04387$$

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	1020.43	0.0161	P	12.3
2	☐	5.000					
3	☐	50.000	54.523	23257.73	0.3725	P	0.7
4	☐	2500.000	2712.936	1065684.01	17.7526	P	1.1
5	☐	6250.000	6520.369	2345267.50	42.6447	A	0.2
6	☐	12500.000	13082.619	4344314.22	85.5472	A	1.0
7	☐	25000.000	26325.565	8623175.25	172.1264	A	0.8
8	☐	50000.000	50529.832	17352637.3	330.3683	A	1.3
9	☐	250000.00	249723.45	85221374.1	1,632.649	A	1.7

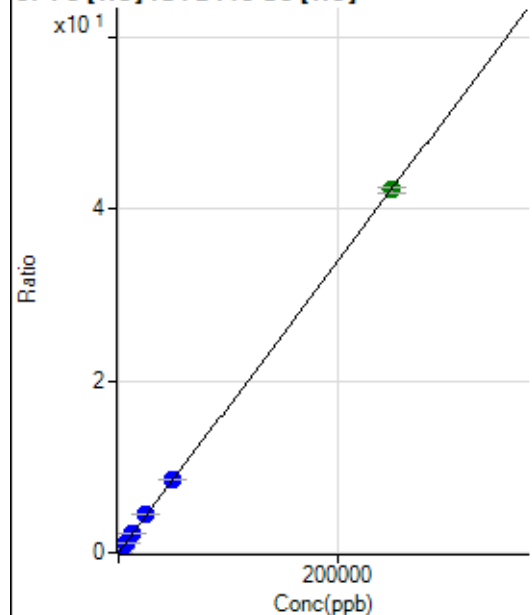
$$y = 0.0065 * x + 0.0161$$

$$R = 1.0000$$

$$DL = 0.9048$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0006	P	42.3
2	☐	5.000					
3	☐	50.000	54.885	616.70	0.0099	P	17.4
4	☐	2500.000	2687.559	27283.23	0.4546	P	3.4
5	☐	6250.000	6444.962	59907.53	1.0893	P	0.7
6	☐	12500.000	12954.791	111171.22	2.1889	P	0.6
7	☐	25000.000	26218.366	221906.41	4.4294	P	0.5
8	☐	50000.000	50356.159	446870.10	8.5068	P	0.3
9	☐	250000.00	249777.44	2202381.68	42.1931	A	1.8

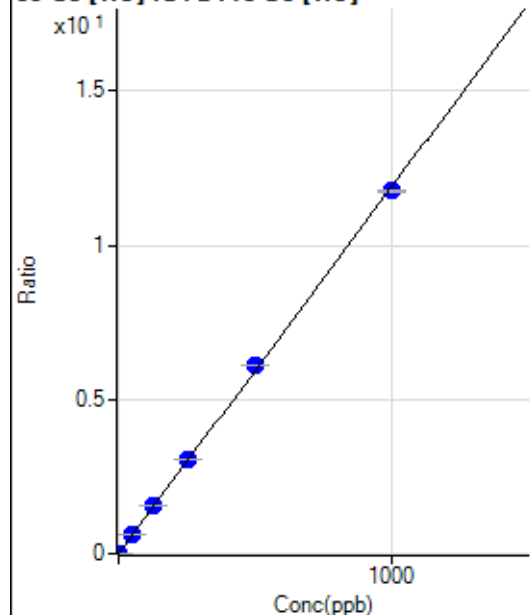
$$y = 1.6892E-004 * x + 6.1115E-004$$

$$R = 1.0000$$

$$DL = 4.589$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0002	P	16.9
2	☐	0.100					
3	☐	1.000	1.034	777.81	0.0125	P	7.3
4	☐	50.000	52.191	37222.86	0.6200	P	1.2
5	☐	125.000	128.876	84178.77	1.5307	P	0.3
6	☐	250.000	256.396	154642.87	3.0451	P	1.4
7	☐	500.000	515.882	306940.20	6.1267	P	0.3
8	☐	1000.000	989.866	617531.47	11.7556	P	0.5
9	☐			7351.94	0.1408	P	1.7

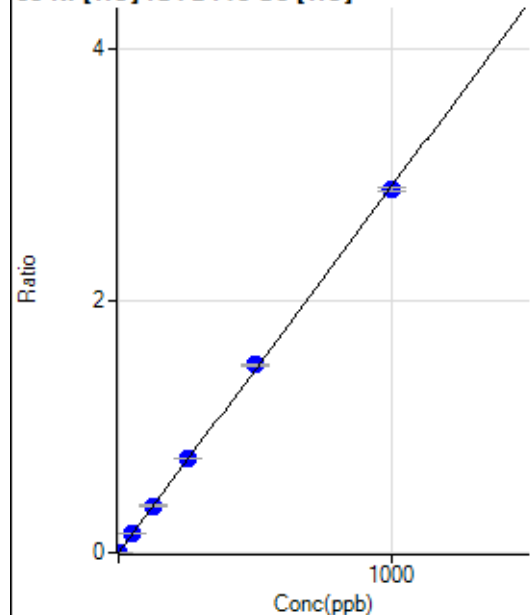
$$y = 0.0119 * x + 1.7495E-004$$

$$R = 0.9998$$

$$DL = 0.007469$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0001	P	49.3
2	☐	0.100					
3	☐	1.000	1.108	207.78	0.0033	P	16.4
4	☐	50.000	52.938	9248.61	0.1541	P	2.4
5	☐	125.000	128.631	20581.26	0.3743	P	1.4
6	☐	250.000	256.525	37898.99	0.7463	P	0.8
7	☐	500.000	513.782	74874.43	1.4946	P	0.8
8	☐	1000.000	990.877	151400.92	2.8823	P	0.9
9	☐			2947.00	0.0565	P	3.7

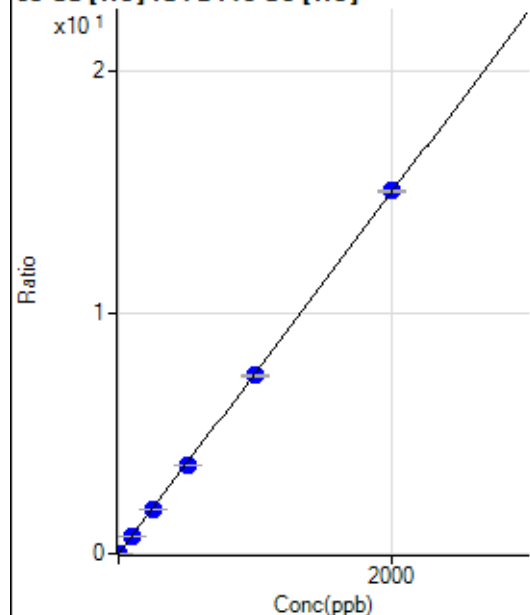
$$y = 0.0029 * x + 1.0466E-004$$

$$R = 0.9998$$

$$DL = 0.05318$$

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	100.00	0.0016	P	27.2
2	☐	0.200					
3	☐	2.000	1.857	967.82	0.0155	P	5.9
4	☐	100.000	99.884	45055.98	0.7505	P	1.3
5	☐	250.000	248.347	102487.92	1.8636	P	0.9
6	☐	500.000	492.962	187787.31	3.6977	P	0.7
7	☐	1000.000	987.570	371037.71	7.4062	P	1.1
8	☐	2000.000	2008.187	791016.51	15.0587	P	0.6
9	☐			977.83	0.0187	P	9.9

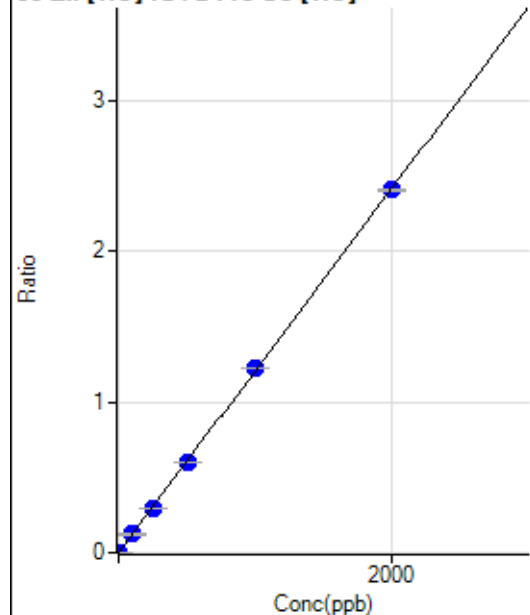
$$y = 0.0075 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 0.172$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.33	0.0007	P	19.5
2	☐	0.200					
3	☐	2.000	2.062	197.78	0.0032	P	16.7
4	☐	100.000	100.667	7333.07	0.1222	P	3.6
5	☐	250.000	243.644	16211.40	0.2948	P	1.0
6	☐	500.000	497.111	30507.63	0.6007	P	0.6
7	☐	1000.000	1013.218	61306.02	1.2237	P	0.5
8	☐	2000.000	1994.874	126523.68	2.4086	P	0.7
9	☐			1092.28	0.0209	P	1.5

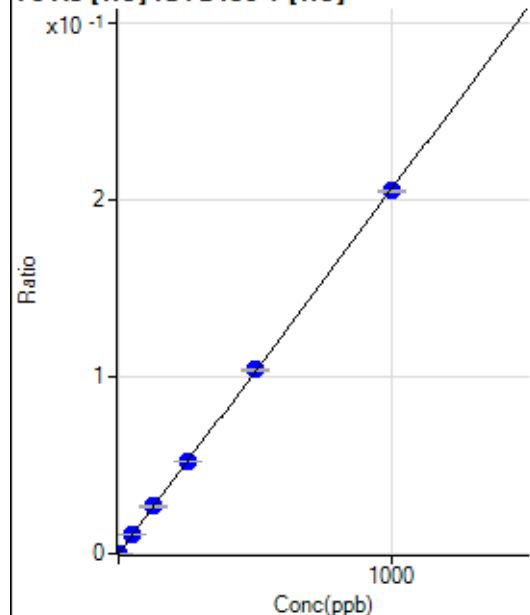
$$y = 0.0012 * x + 6.8170E-004$$

$$R = 1.0000$$

$$DL = 0.3298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	0.845	40.12	0.0002	P	28.5
4	☐	50.000	52.647	2357.00	0.0109	P	2.0
5	☐	125.000	129.876	5481.32	0.0268	P	2.1
6	☐	250.000	254.696	10127.68	0.0525	P	0.4
7	☐	500.000	504.606	20044.14	0.1041	P	0.4
8	☐	1000.000	995.781	40738.40	0.2054	P	0.4
9	☐			55.56	0.0003	P	8.2

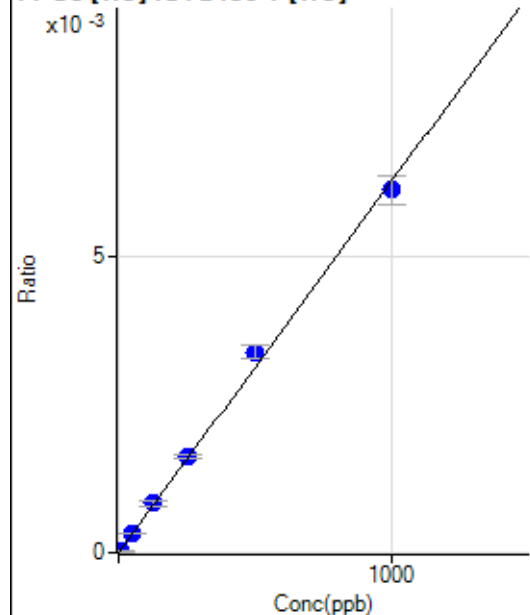
$$y = 2.0627\text{E-}004 * x + 2.6623\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.06707$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.115	4.44	0.0000	P	42.6
4	☐	50.000	52.942	72.22	0.0003	P	4.5
5	☐	125.000	132.123	170.00	0.0008	P	8.9
6	☐	250.000	257.718	312.23	0.0016	P	5.0
7	☐	500.000	539.604	653.36	0.0034	P	6.4
8	☐	1000.000	977.241	1217.85	0.0061	P	7.8
9	☐			0.00	0.0000	P	

$$y = 6.2855\text{E-}006 * x + 0.0000\text{E+}000$$

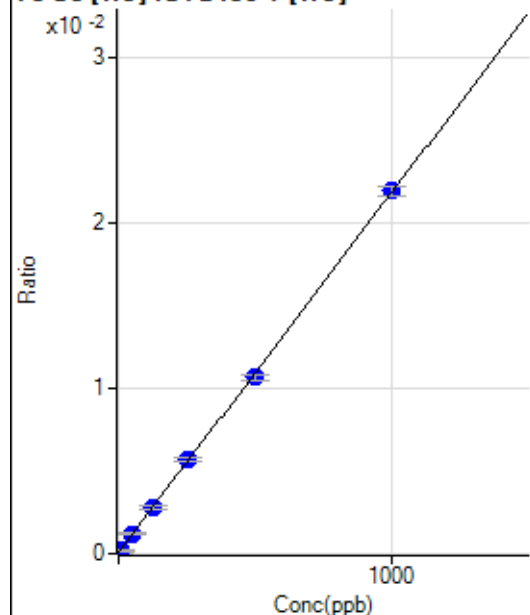
$$R = 0.9988$$

$$DL = 0$$

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	16.05	0.0001	P	36.6
2	☐	0.500					
3	☐	5.000	5.590	43.21	0.0002	P	20.5
4	☐	50.000	52.701	263.58	0.0012	P	4.4
5	☐	125.000	124.069	565.45	0.0028	P	8.1
6	☐	250.000	257.822	1093.26	0.0057	P	2.9
7	☐	500.000	485.892	2045.84	0.0106	P	3.8
8	☐	1000.000	1005.077	4344.52	0.0219	P	2.7
9	☐			12.96	0.0001	P	24.7

$$y = 2.1725E-005 * x + 6.9408E-005$$

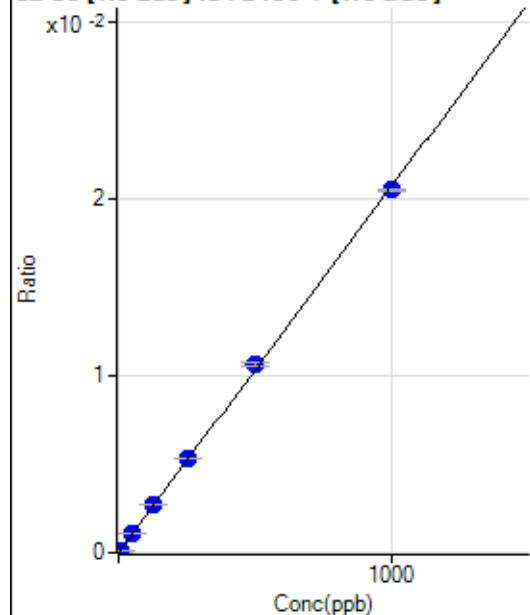
$$R = 0.9998$$

$$DL = 3.508$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-0.04	0.0000	P	-33772.
2	☐	0.500					
3	☐	5.000	5.531	173.75	0.0001	P	7.9
4	☐	50.000	51.972	1635.37	0.0011	P	4.2
5	☐	125.000	129.409	3885.30	0.0027	P	0.8
6	☐	250.000	257.274	7314.95	0.0053	P	1.5
7	☐	500.000	514.089	14439.00	0.0106	P	1.5
8	☐	1000.000	990.485	28021.84	0.0205	P	0.5
9	☐			34.07	0.0000	P	67.4

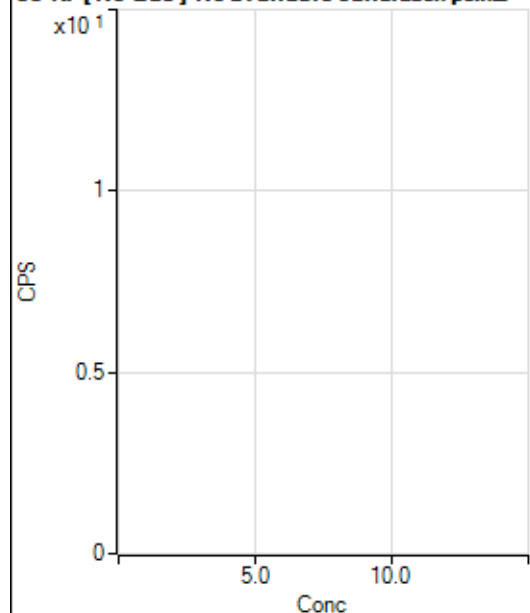
$$y = 2.0715E-005 * x - 3.5884E-008$$

$$R = 0.9998$$

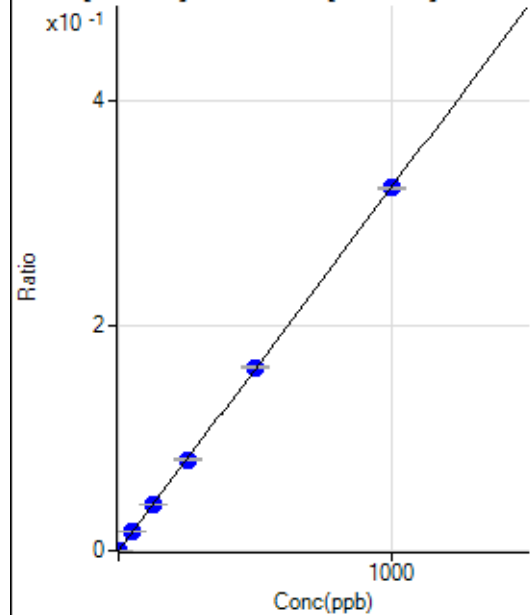
$$DL = 1.755$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	27.9
2	☐						
3	☐			48.89		P	14.2
4	☐			54.45		P	35.9
5	☐			58.89		P	16.3
6	☐			43.33		P	20.3
7	☐			41.11		P	16.9
8	☐			52.22		P	7.4
9	☐			51.11		P	29.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0001	P	55.8
2	☐	0.100					
3	☐	1.000	1.029	591.71	0.0004	P	12.1
4	☐	50.000	51.527	25378.69	0.0167	P	0.4
5	☐	125.000	126.466	59308.95	0.0409	P	0.5
6	☐	250.000	250.465	111146.79	0.0810	P	0.8
7	☐	500.000	502.846	220341.35	0.1625	P	1.0
8	☐	1000.000	998.201	440535.23	0.3226	P	0.7
9	☐			2358.91	0.0019	P	30.5

$$y = 3.2308E-004 * x + 5.7736E-005$$

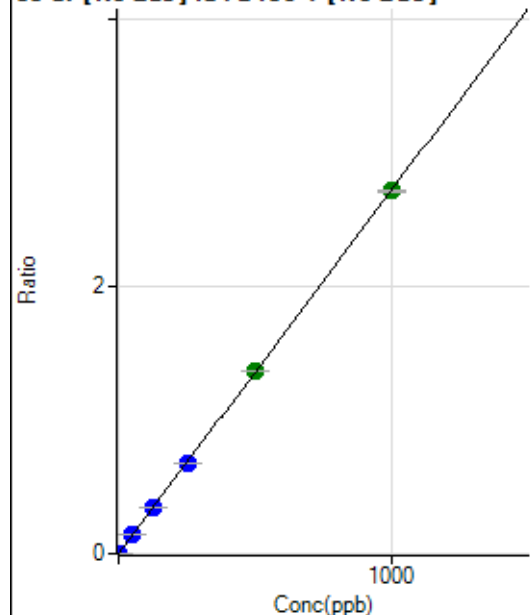
$$R = 1.0000$$

$$DL = 0.299$$

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	16.67	0.0000	P	0.5
2	☐	0.100					
3	☐	1.000	0.975	4045.20	0.0027	P	3.4
4	☐	50.000	51.003	210910.11	0.1388	P	0.8
5	☐	125.000	127.297	502208.46	0.3465	P	0.3
6	☐	250.000	250.824	937034.69	0.6827	P	0.4
7	☐	500.000	502.494	1854357.42	1.3677	A	0.6
8	☐	1000.000	998.210	3710658.72	2.7169	A	0.6
9	☐			15734.23	0.0130	P	10.6

$$y = 0.0027 * x + 1.0481E-005$$

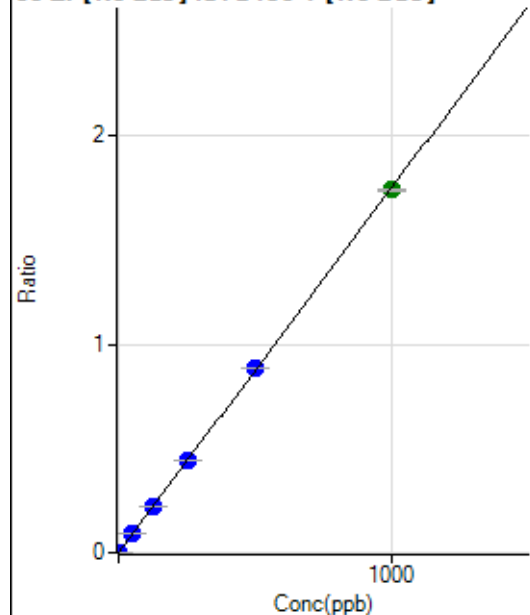
$$R = 1.0000$$

$$DL = 5.682E-05$$

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	172.23	0.0001	P	18.3
2	☐	0.100					
3	☐	1.000	0.839	2389.21	0.0016	P	9.8
4	☐	50.000	50.464	134235.73	0.0884	P	0.6
5	☐	125.000	125.404	318004.25	0.2194	P	1.4
6	☐	250.000	254.525	611077.41	0.4452	P	0.2
7	☐	500.000	507.907	1204387.69	0.8883	P	0.2
8	☐	1000.000	994.842	2376212.71	1.7399	A	0.3
9	☐			702.83	0.0006	P	32.0

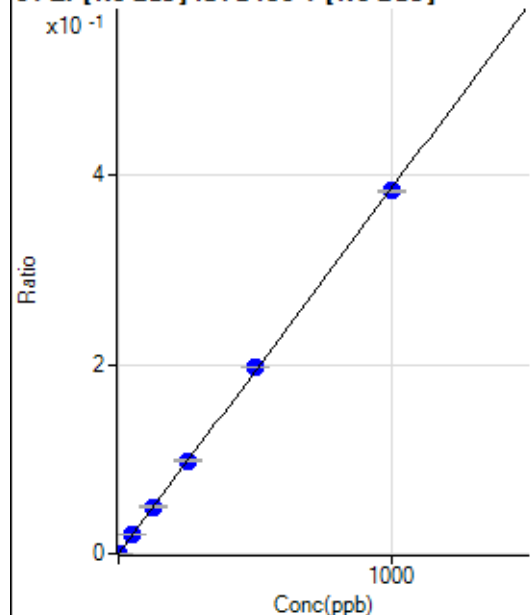
$$y = 0.0017 * x + 1.0828E-004$$

$$R = 0.9999$$

$$DL = 0.03393$$

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	38.89	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	0.960	600.04	0.0004	P	9.6
4	☐	50.000	51.386	30168.76	0.0199	P	3.0
5	☐	125.000	128.889	72143.01	0.0498	P	0.9
6	☐	250.000	254.488	134853.02	0.0982	P	1.4
7	☐	500.000	510.558	267196.66	0.1971	P	0.6
8	☐	1000.000	993.044	523494.77	0.3833	P	0.5
9	☐			150.00	0.0001	P	30.6

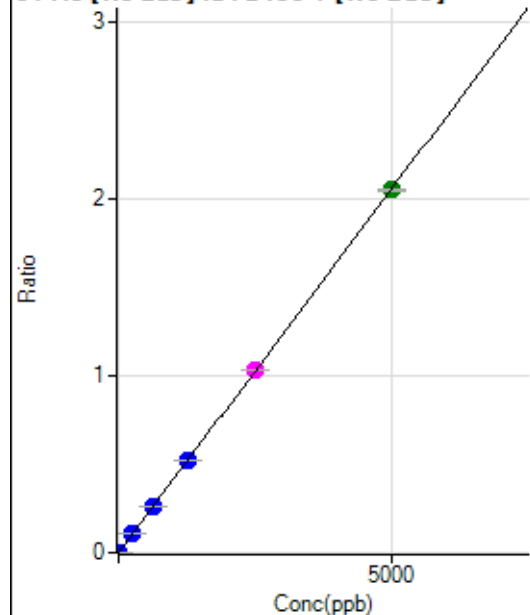
$$y = 3.8596E-004 * x + 2.4444E-005$$

$$R = 0.9999$$

$$DL = 0.06182$$

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	27.78	0.0000	P	69.3
2	☐	0.500					
3	☐	5.000	4.718	2975.44	0.0020	P	4.2
4	☐	250.000	257.490	160965.63	0.1060	P	0.3
5	☐	625.000	638.354	380686.82	0.2626	P	0.5
6	☐	1250.000	1261.598	712446.08	0.5191	P	0.7
7	☐	2500.000	2509.139	1399583.52	1.0323	M	0.6
8	☐	5000.000	4990.488	2804147.87	2.0532	A	0.2
9	☐			1497.37	0.0012	P	15.2

$$y = 4.1142E-004 * x + 1.7466E-005$$

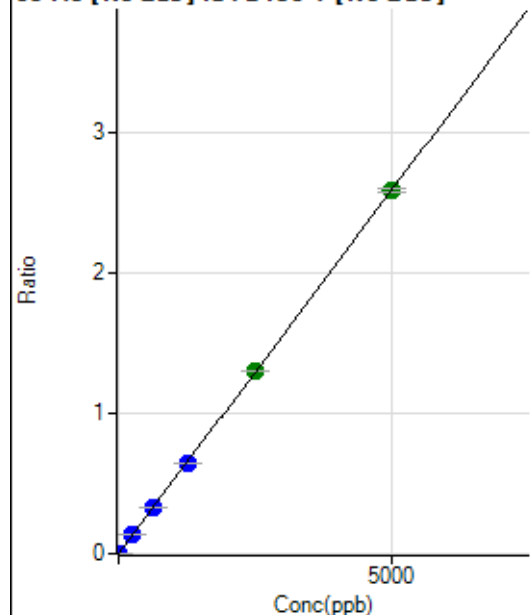
$$R = 1.0000$$

$$DL = 0.08821$$

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	13.89	0.0000	P	91.5
2	☐	0.500					
3	☐	5.000	4.694	3700.63	0.0024	P	3.3
4	☐	250.000	256.267	201335.40	0.1325	P	0.5
5	☐	625.000	633.192	474612.68	0.3274	P	0.7
6	☐	1250.000	1238.751	879223.24	0.6406	P	0.4
7	☐	2500.000	2515.728	1763728.40	1.3009	A	0.7
8	☐	5000.000	4993.611	3526692.09	2.5822	A	1.1
9	☐			2239.16	0.0018	P	4.3

$$y = 5.1710\text{E-}004 * x + 8.7504\text{E-}006$$

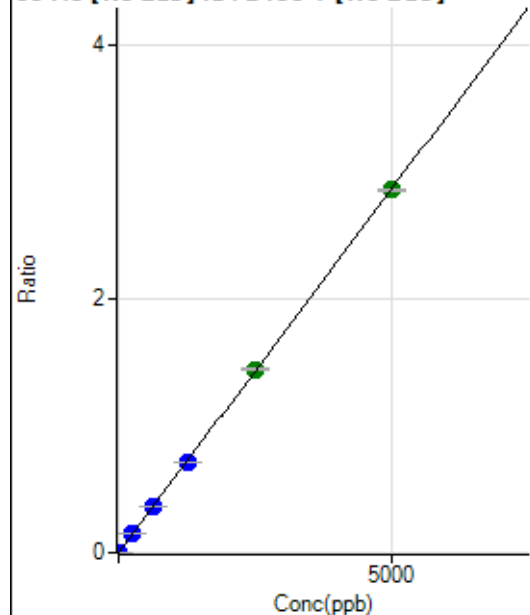
$$R = 1.0000$$

$$DL = 0.04646$$

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	22.22	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.566	3995.15	0.0026	P	1.5
4	☐	250.000	253.829	221007.66	0.1455	P	0.9
5	☐	625.000	627.612	521352.73	0.3597	P	0.3
6	☐	1250.000	1238.935	974533.97	0.7100	P	0.4
7	☐	2500.000	2524.099	1961096.83	1.4465	A	1.0
8	☐	5000.000	4990.199	3905738.76	2.8598	A	0.6
9	☐			3828.46	0.0032	P	10.8

$$y = 5.7308\text{E-}004 * x + 1.3990\text{E-}005$$

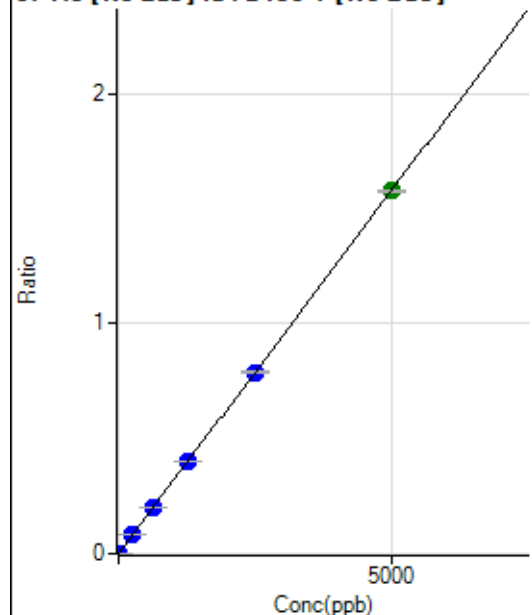
$$R = 1.0000$$

$$DL = 0.03205$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.886	2350.29	0.0015	P	5.3
4	☐	250.000	257.902	123646.60	0.0814	P	1.0
5	☐	625.000	642.340	293800.58	0.2027	P	0.3
6	☐	1250.000	1272.019	550917.35	0.4014	P	0.6
7	☐	2500.000	2491.591	1065906.08	0.7862	P	1.2
8	☐	5000.000	4996.137	2153129.39	1.5765	A	0.5
9	☐			1386.24	0.0011	P	15.8

$$y = 3.1555\text{E-}004 * x + 6.9942\text{E-}006$$

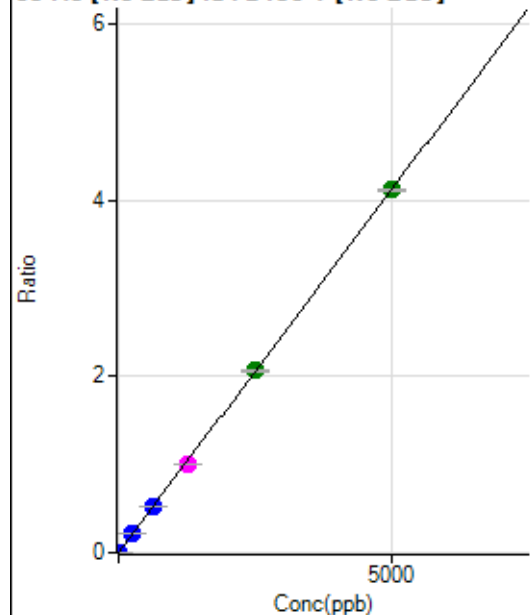
$$R = 1.0000$$

$$DL = 0.02914$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.6
2	☐	0.500					
3	☐	5.000	4.677	5873.66	0.0039	P	2.4
4	☐	250.000	255.327	319377.24	0.2102	P	0.8
5	☐	625.000	627.521	748868.17	0.5167	P	0.7
6	☐	1250.000	1228.115	1387808.20	1.0111	M	0.4
7	☐	2500.000	2510.644	2802358.96	2.0670	A	1.1
8	☐	5000.000	4999.568	5621673.43	4.1162	A	0.2
9	☐			3586.72	0.0029	P	4.8

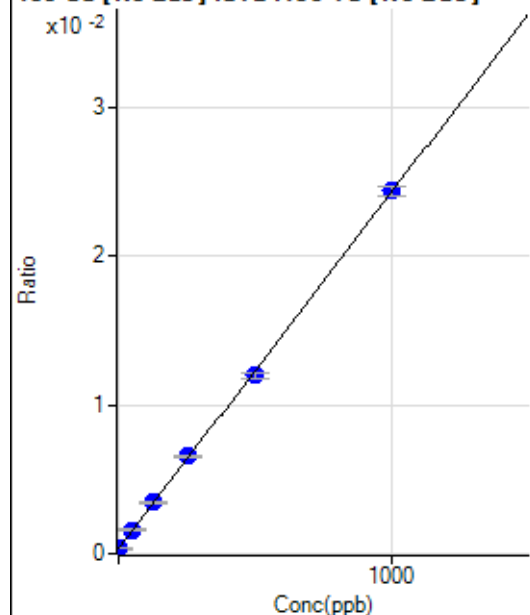
$$y = 8.2330\text{E-}004 * x + 1.5762\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05087$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	497.25	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	0.911	508.36	0.0004	P	14.2
4	☐	50.000	52.931	2369.74	0.0016	P	6.2
5	☐	125.000	131.283	5037.21	0.0035	P	3.0
6	☐	250.000	258.831	9264.52	0.0065	P	1.2
7	☐	500.000	486.175	17211.12	0.0120	P	2.9
8	☐	1000.000	1003.773	35347.70	0.0244	P	2.3
9	☐			416.69	0.0003	P	17.3

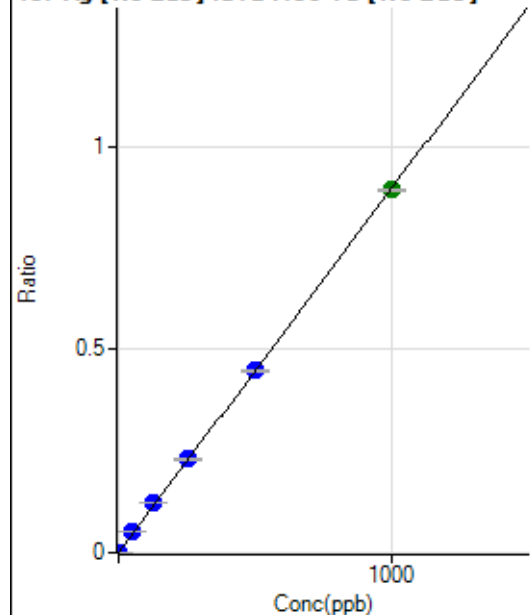
$$y = 2.3947\text{E-}005 * x + 3.3080\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.8
2	☐	0.100					
3	☐	1.000	1.037	1352.90	0.0009	P	9.7
4	☐	50.000	55.889	74340.06	0.0501	P	1.4
5	☐	125.000	135.833	176591.87	0.1218	P	0.6
6	☐	250.000	256.903	326952.71	0.2304	P	0.8
7	☐	500.000	500.285	644989.52	0.4487	P	1.5
8	☐	1000.000	996.483	1296581.22	0.8937	A	0.3
9	☐			91.67	0.0001	P	30.5

$$y = 8.9687\text{E-}004 * x + 7.4274\text{E-}006$$

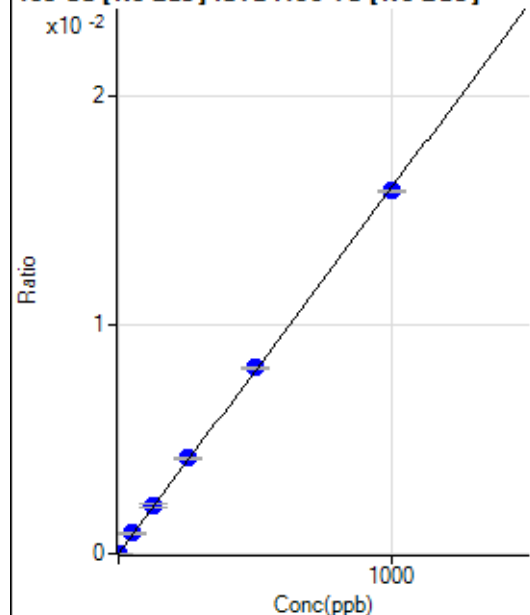
$$R = 0.9999$$

$$DL = 0.02853$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.4
2	☐	0.100					
3	☐	1.000	0.543	16.67	0.0000	P	48.2
4	☐	50.000	55.503	1322.31	0.0009	P	7.7
5	☐	125.000	131.185	3049.00	0.0021	P	5.0
6	☐	250.000	261.778	5951.36	0.0042	P	2.3
7	☐	500.000	508.481	11707.82	0.0081	P	0.5
8	☐	1000.000	991.767	23044.05	0.0159	P	0.9
9	☐			5.56	0.0000	P	37.7

$$y = 1.6012\text{E-}005 * x + 2.7781\text{E-}006$$

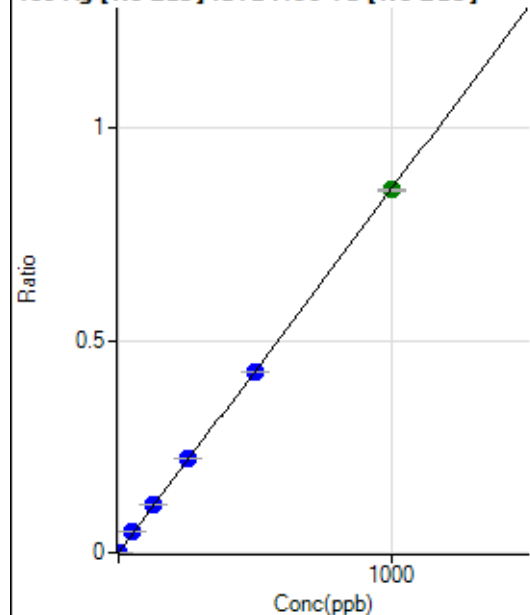
$$R = 0.9999$$

$$DL = 0.5226$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	1.043	1289.01	0.0009	P	12.5
4	☐	50.000	56.644	71969.95	0.0485	P	0.6
5	☐	125.000	133.610	165958.26	0.1145	P	0.7
6	☐	250.000	259.481	315481.03	0.2223	P	0.6
7	☐	500.000	497.129	612351.95	0.4260	P	0.3
8	☐	1000.000	997.656	1240171.32	0.8549	A	0.8
9	☐			116.67	0.0001	P	35.2

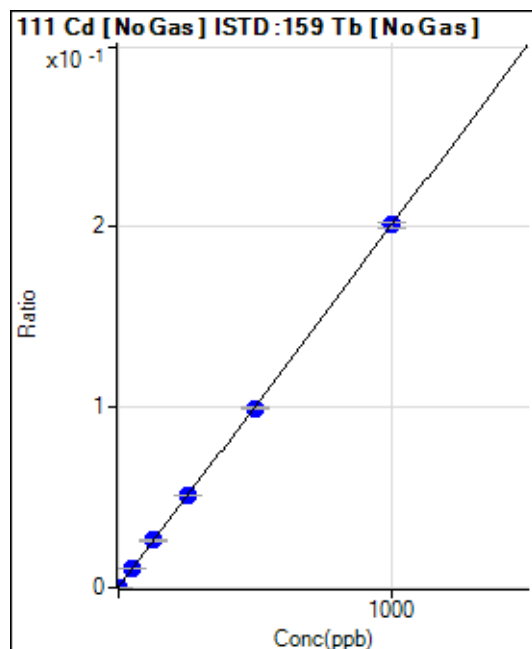
$$y = 8.5688\text{E-}004 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.71	0.0002	P	7.6
2	☐	0.100					
3	☐	1.000	0.906	599.75	0.0004	P	5.6
4	☐	50.000	53.585	16294.81	0.0110	P	2.3
5	☐	125.000	129.515	38024.28	0.0262	P	0.8
6	☐	250.000	254.416	72789.92	0.0513	P	1.2
7	☐	500.000	494.097	142908.12	0.0994	P	0.8
8	☐	1000.000	1001.104	291848.16	0.2012	P	1.8
9	☐			329.46	0.0003	P	16.8

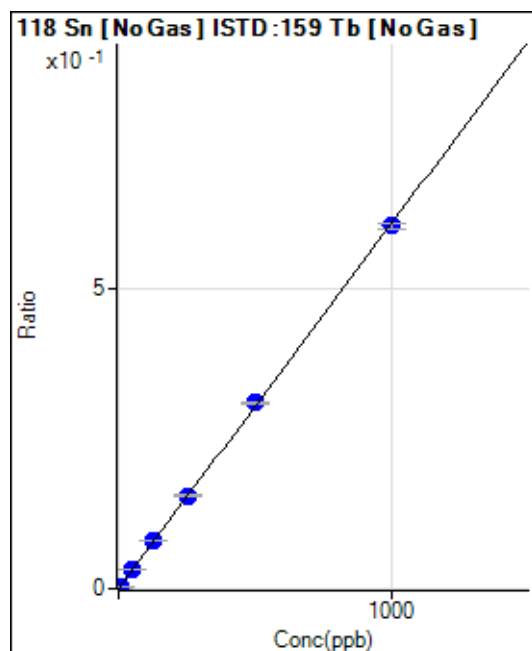
$$y = 2.0074\text{E-}004 * x + 2.3331\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2665$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0001	P	27.5
2	☐	0.500					
3	☐	5.000	5.247	4717.63	0.0033	P	0.7
4	☐	50.000	53.129	48147.47	0.0325	P	1.8
5	☐	125.000	131.586	116456.64	0.0803	P	0.9
6	☐	250.000	254.896	220727.50	0.1556	P	0.7
7	☐	500.000	508.429	445958.96	0.3102	P	0.3
8	☐	1000.000	993.581	879381.27	0.6062	P	1.4
9	☐			533.37	0.0004	P	6.8

$$y = 6.1005\text{E-}004 * x + 6.2895\text{E-}005$$

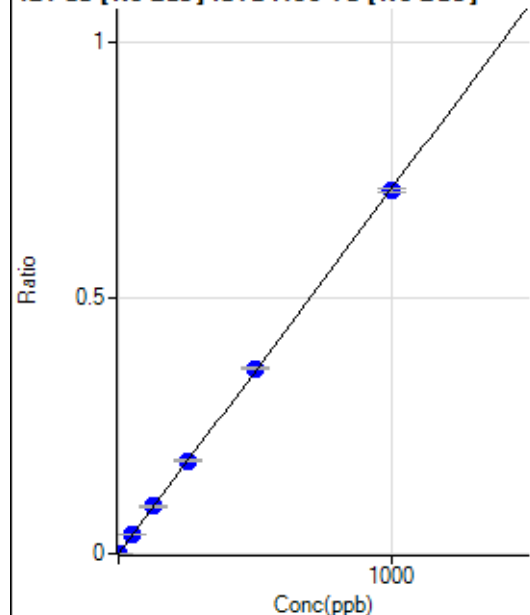
$$R = 0.9999$$

$$DL = 0.0852$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	0.200					
3	☐	2.000	1.918	1986.34	0.0014	P	7.2
4	☐	50.000	52.741	55881.96	0.0377	P	2.2
5	☐	125.000	129.348	133967.55	0.0924	P	0.9
6	☐	250.000	254.739	258268.37	0.1820	P	1.1
7	☐	500.000	508.000	521813.11	0.3630	P	0.5
8	☐	1000.000	994.135	1030527.93	0.7104	P	1.1
9	☐			1452.92	0.0012	P	4.5

$$y = 7.1456E-004 * x + 3.6948E-006$$

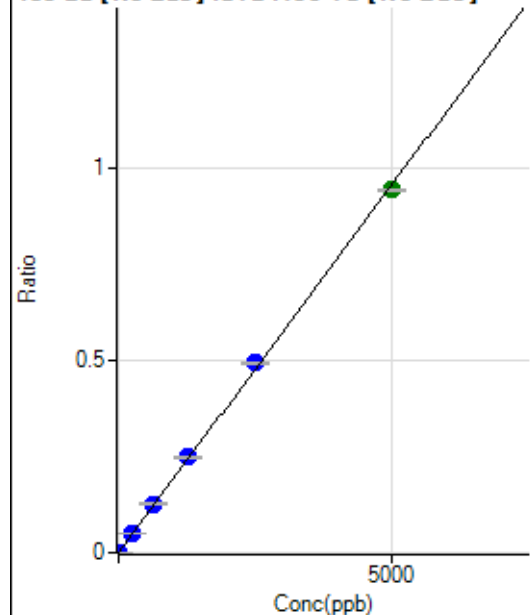
$$R = 0.9999$$

$$DL = 0.02687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	1.000					
3	☐	10.000	10.498	2894.88	0.0020	P	2.3
4	☐	250.000	268.773	75959.06	0.0512	P	0.7
5	☐	625.000	665.442	183857.25	0.1268	P	1.1
6	☐	1250.000	1297.123	350772.91	0.2472	P	1.2
7	☐	2500.000	2588.260	709122.58	0.4933	P	0.8
8	☐	5000.000	4938.094	1365376.49	0.9412	A	0.7
9	☐			211.12	0.0002	P	25.8

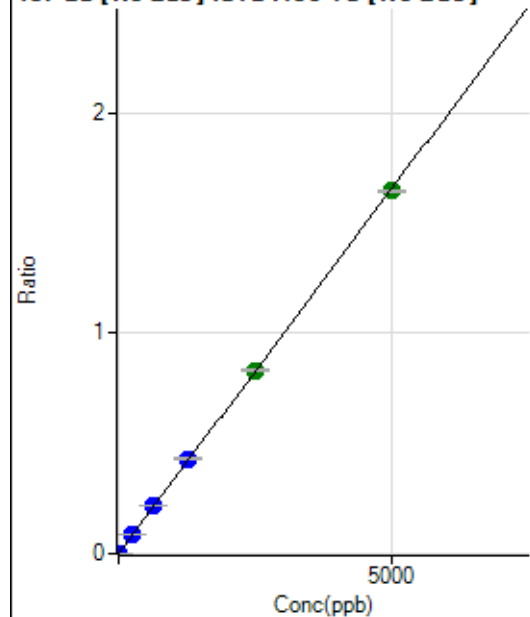
$$y = 1.9059E-004 * x + 1.8463E-006$$

$$R = 0.9997$$

$$DL = 0.05034$$

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	19.44	0.0000	P	65.4
2	☐	1.000					
3	☐	10.000	10.230	4912.21	0.0034	P	4.3
4	☐	250.000	267.191	131227.98	0.0885	P	1.3
5	☐	625.000	661.660	317648.94	0.2191	P	0.1
6	☐	1250.000	1300.075	610916.05	0.4306	P	1.5
7	☐	2500.000	2515.754	1197716.71	0.8332	A	0.4
8	☐	5000.000	4974.162	2389882.41	1.6474	A	0.8
9	☐			419.47	0.0003	P	33.9

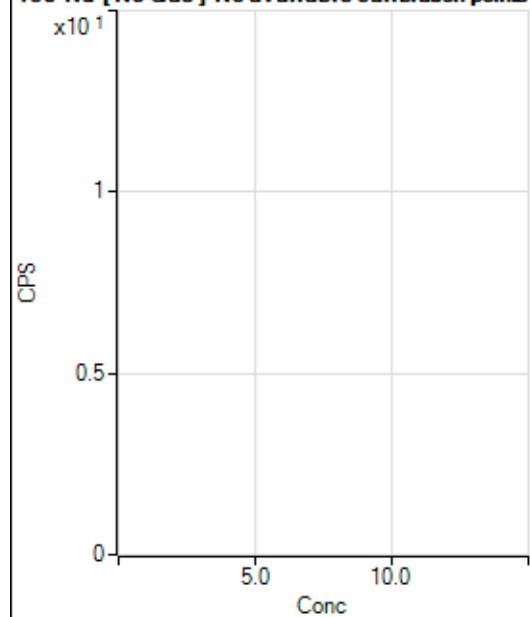
$$y = 3.3119\text{E-}004 * x + 1.2944\text{E-}005$$

$$R = 0.9999$$

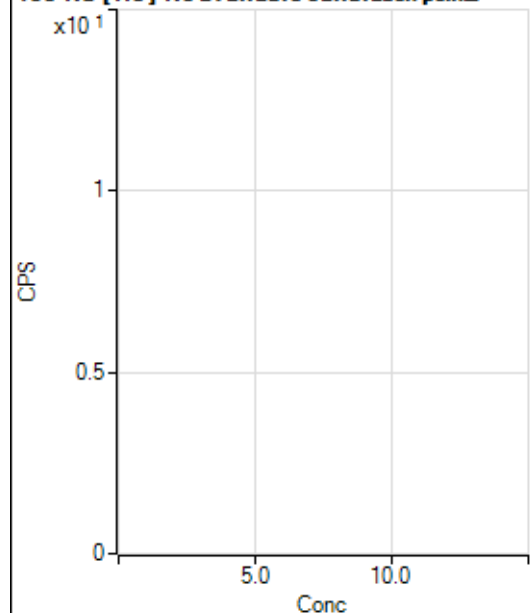
$$DL = 0.07673$$

Weight: <None>

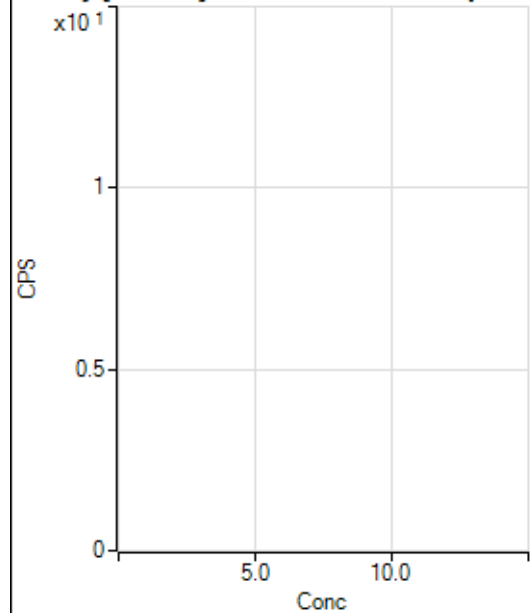
Min Conc: 0

150 Nd [No Gas] No available calibration points

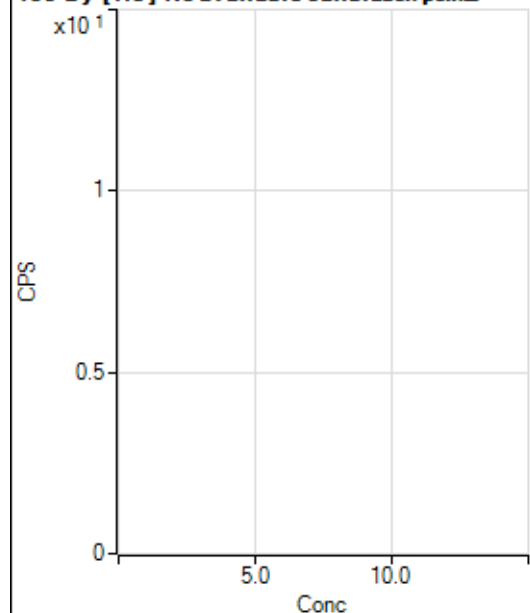
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			15.56		P	65.5
5	☐			15.56		P	65.5
6	☐			33.33		P	20.0
7	☐			64.45		P	33.3
8	☐			77.78		P	34.6
9	☐			17.78		P	78.1

150 Nd [He] No available calibration points

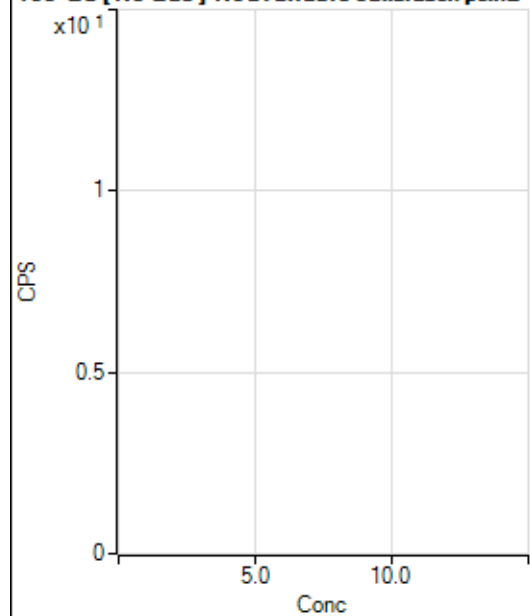
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			5.56		P	34.7
8	☐			2.22		P	173.2
9	☐			6.67		P	50.0

156 Dy [No Gas] No available calibration points

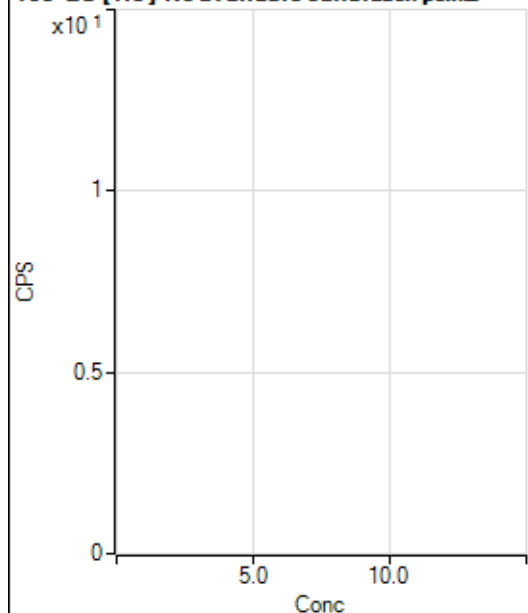
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			8.33		P	0.0
6	☐			8.33		P	100.0
7	☐			11.11		P	114.6
8	☐			33.33		P	43.3
9	☐			8.33		P	100.0

156 Dy [He] No available calibration points

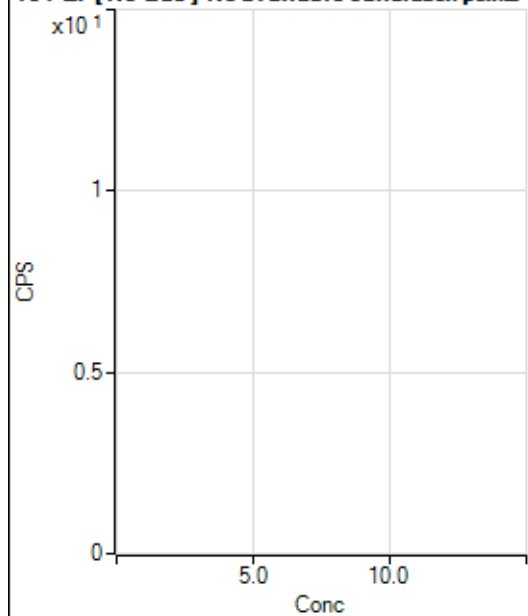
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			7.78		P	49.5
6	☐			10.00		P	33.3
7	☐			17.78		P	28.6
8	☐			26.67		P	37.5
9	☐			3.33		P	173.2

160 Gd [No Gas] Noavailable calibration poin_

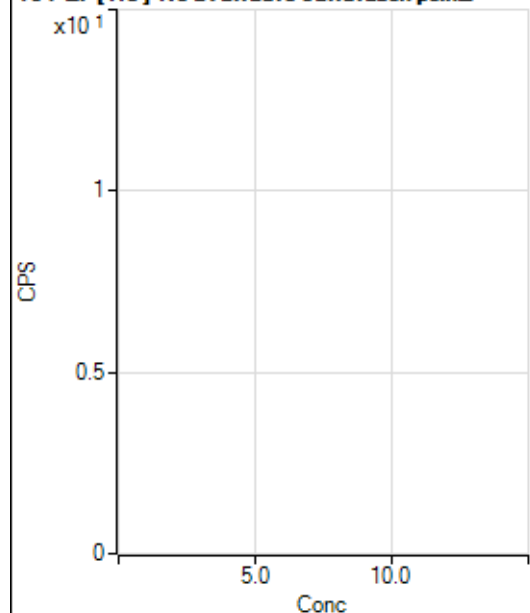
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			8.33		P	173.2
4	☐			5.56		P	173.2
5	☐			5.55		P	86.6
6	☐			5.55		P	86.6
7	☐			16.67		P	50.0
8	☐			11.11		P	86.6
9	☐			16.67		P	50.0

160 Gd [He] No available calibration points

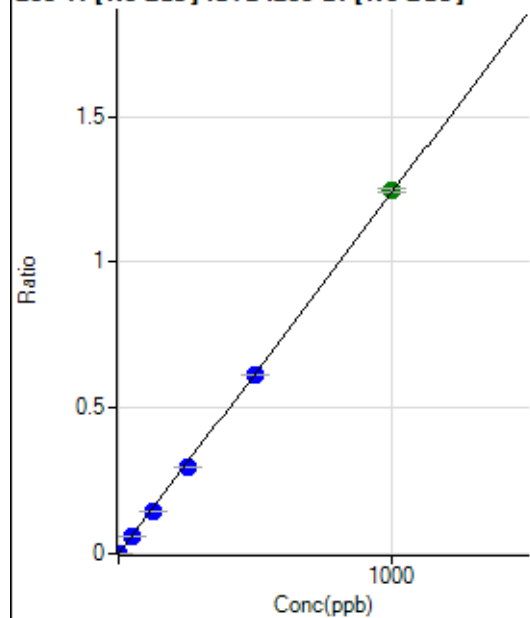
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	6.7
2	☐						
3	☐			25.56		P	7.5
4	☐			15.56		P	32.7
5	☐			28.89		P	17.6
6	☐			25.55		P	27.1
7	☐			22.22		P	22.9
8	☐			26.67		P	12.5
9	☐			23.33		P	42.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			2.78		P	173.2
4	☐			11.11		P	86.6
5	☐			5.55		P	86.6
6	☐			11.11		P	86.6
7	☐			8.33		P	173.2
8	☐			5.56		P	173.2
9	☐			19.44		P	89.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			4.44		P	43.4
5	☐			1.11		P	173.2
6	☐			6.67		P	50.0
7	☐			3.33		P	100.1
8	☐			2.22		P	86.6
9	☐			4.44		P	43.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.913	947.30	0.0012	P	5.1
4	☐	50.000	47.276	49116.75	0.0585	P	3.1
5	☐	125.000	118.861	123436.65	0.1470	P	1.6
6	☐	250.000	240.178	247909.79	0.2970	P	0.6
7	☐	500.000	494.380	512721.02	0.6113	P	0.3
8	☐	1000.000	1006.169	1004140.42	1.2441	A	1.2
9	☐			302.80	0.0005	P	18.0

$$y = 0.0012 * x + 2.3015E-005$$

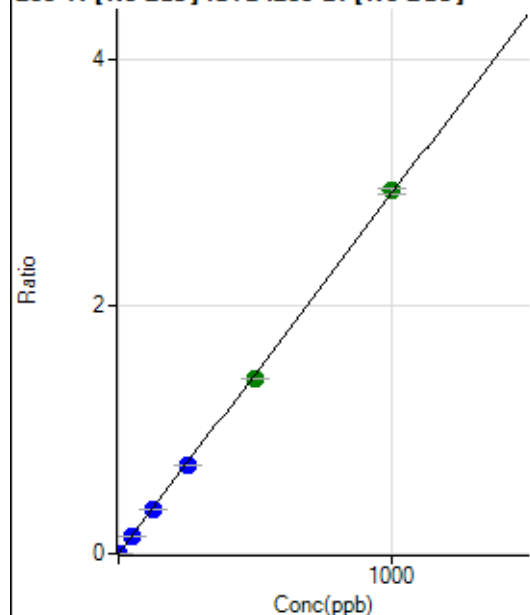
$$R = 0.9999$$

$$DL = 0.01432$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0001	P	56.7
2	☐	0.100					
3	☐	1.000	0.852	2136.39	0.0026	P	1.8
4	☐	50.000	48.831	119496.23	0.1423	P	0.6
5	☐	125.000	120.742	295307.08	0.3516	P	0.9
6	☐	250.000	246.719	599715.73	0.7184	P	0.7
7	☐	500.000	486.168	1187275.03	1.4156	A	0.5
8	☐	1000.000	1008.327	2369532.80	2.9358	A	1.3
9	☐			841.73	0.0014	P	6.8

$$y = 0.0029 * x + 1.1752E-004$$

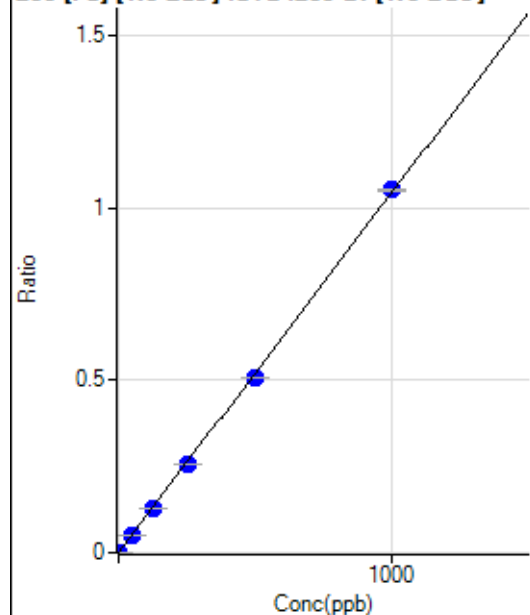
$$R = 0.9999$$

$$DL = 0.06867$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.96	0.0001	P	33.2
2	☐	0.100					
3	☐	1.000	0.859	798.20	0.0010	P	1.2
4	☐	50.000	49.299	43245.42	0.0515	P	0.2
5	☐	125.000	122.604	107443.30	0.1280	P	0.9
6	☐	250.000	246.435	214608.88	0.2571	P	1.6
7	☐	500.000	485.054	424391.79	0.5060	P	0.2
8	☐	1000.000	1008.699	849231.45	1.0522	P	0.5
9	☐			679.67	0.0011	P	9.0

$$y = 0.0010 * x + 7.4334E-005$$

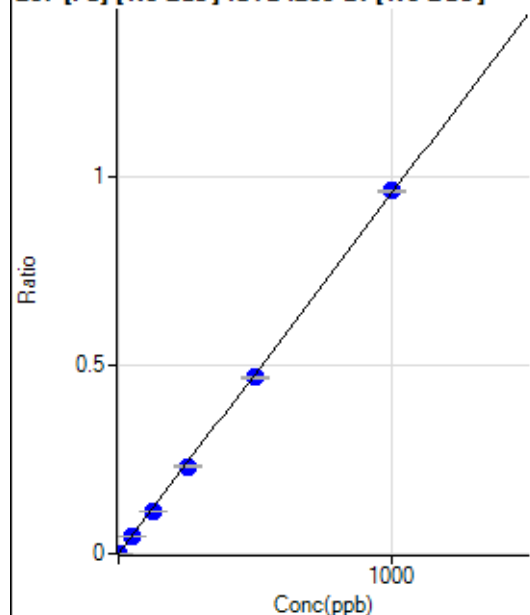
$$R = 0.9998$$

$$DL = 0.07093$$

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	44.45	0.0001	P	22.4
2	☐	0.100					
3	☐	1.000	0.913	757.45	0.0009	P	10.2
4	☐	50.000	47.490	38068.15	0.0453	P	1.5
5	☐	125.000	118.467	94893.24	0.1130	P	1.2
6	☐	250.000	242.937	193395.65	0.2317	P	1.0
7	☐	500.000	489.716	391638.97	0.4669	P	0.8
8	☐	1000.000	1007.850	775606.43	0.9609	P	0.9
9	☐			622.26	0.0010	P	11.8

$$y = 9.5340\text{E-}004 * x + 5.2583\text{E-}005$$

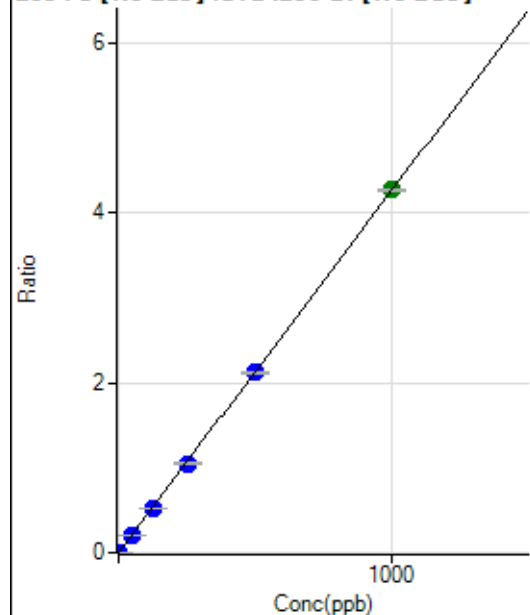
$$R = 0.9999$$

$$DL = 0.03711$$

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	194.45	0.0002	P	8.6
2	☐	0.100					
3	☐	1.000	0.875	3248.41	0.0040	P	2.8
4	☐	50.000	48.377	172972.09	0.2060	P	0.2
5	☐	125.000	120.929	432045.07	0.5145	P	1.5
6	☐	250.000	246.288	874493.91	1.0476	P	0.8
7	☐	500.000	497.061	1773128.22	2.1141	P	0.6
8	☐	1000.000	1002.987	3442930.89	4.2656	A	0.6
9	☐			2820.57	0.0045	P	6.2

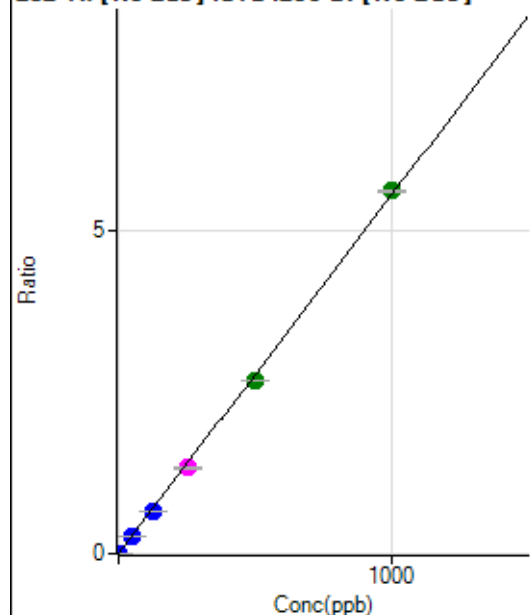
$$y = 0.0043 * x + 2.2992\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01388$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	32.0
2	☐	0.100					
3	☐	1.000	0.766	3515.40	0.0043	P	6.5
4	☐	50.000	46.260	215965.38	0.2572	P	0.5
5	☐	125.000	117.999	550803.60	0.6559	P	0.3
6	☐	250.000	238.981	1108715.71	1.3284	M	2.6
7	☐	500.000	483.824	2255635.05	2.6893	A	0.5
8	☐	1000.000	1011.905	4539892.66	5.6247	A	0.3
9	☐			855.62	0.0014	P	13.8

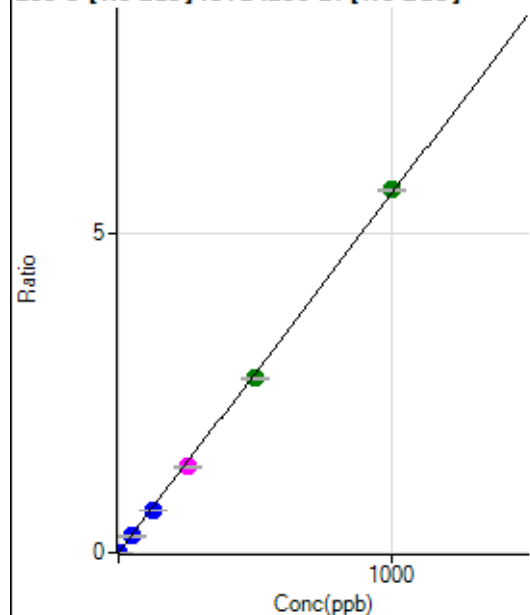
$$y = 0.0056 * x + 1.9644E-005$$

$$R = 0.9997$$

$$DL = 0.003396$$

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	36.11	0.0000	P	26.0
2	☐	0.100					
3	☐	1.000	0.851	3961.91	0.0048	P	7.2
4	☐	50.000	45.674	215485.41	0.2566	P	1.1
5	☐	125.000	117.497	554192.08	0.6600	P	0.6
6	☐	250.000	239.849	1124379.53	1.3472	M	2.6
7	☐	500.000	485.803	2288583.34	2.7286	A	0.6
8	☐	1000.000	1010.791	4582361.48	5.6773	A	0.5
9	☐			208.35	0.0003	P	38.2

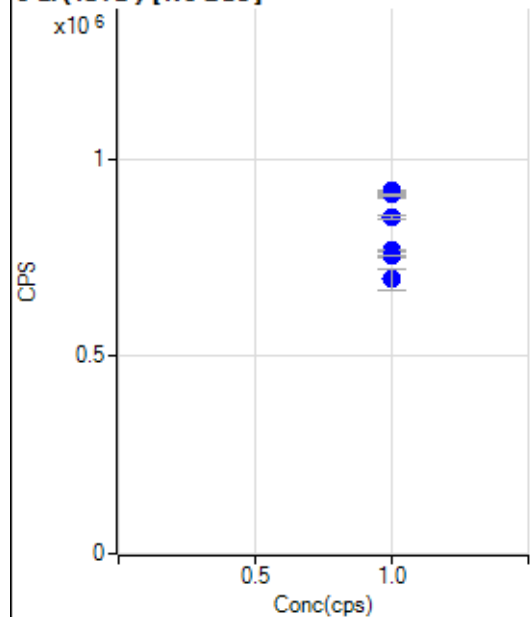
$$y = 0.0056 * x + 4.2621E-005$$

$$R = 0.9998$$

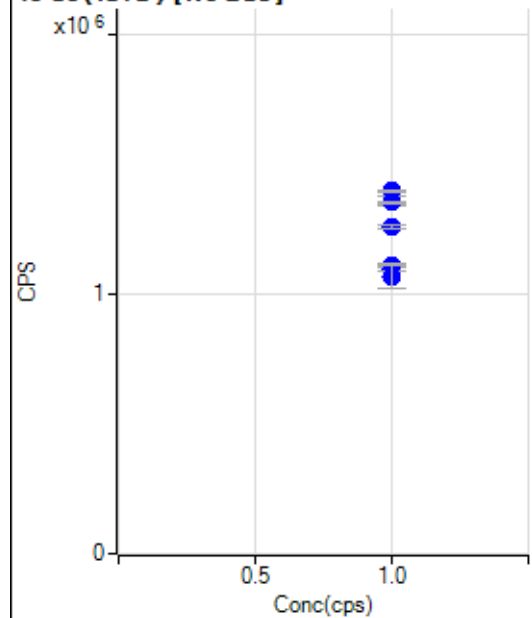
$$DL = 0.005929$$

Weight: <None>

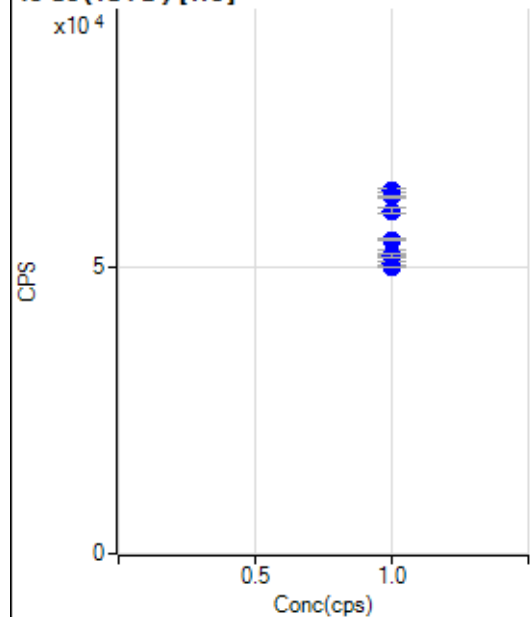
Min Conc: 0

6 Li (ISTD) [No Gas]

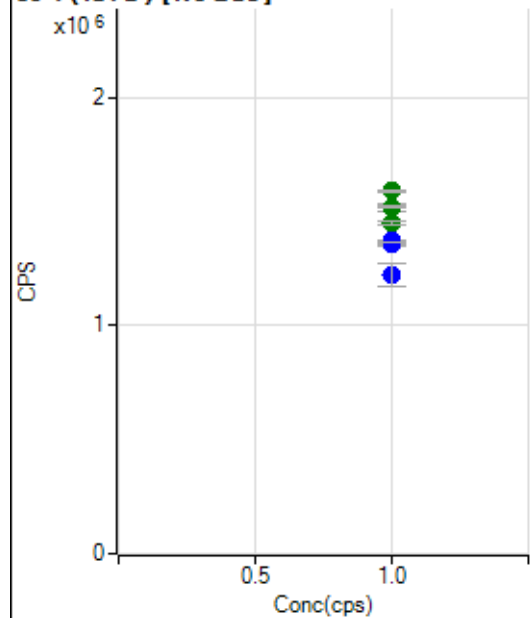
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		919091.68		P	0.3
2	☐	1.000					
3	☐	1.000		908842.17		P	2.0
4	☐	1.000		909036.98		P	0.4
5	☐	1.000		851650.67		P	1.2
6	☐	1.000		767833.21		P	0.6
7	☐	1.000		753098.89		P	0.4
8	☐	1.000		755997.85		P	0.2
9	☐	1.000		695381.84		P	8.0

45 Sc (ISTD) [No Gas]

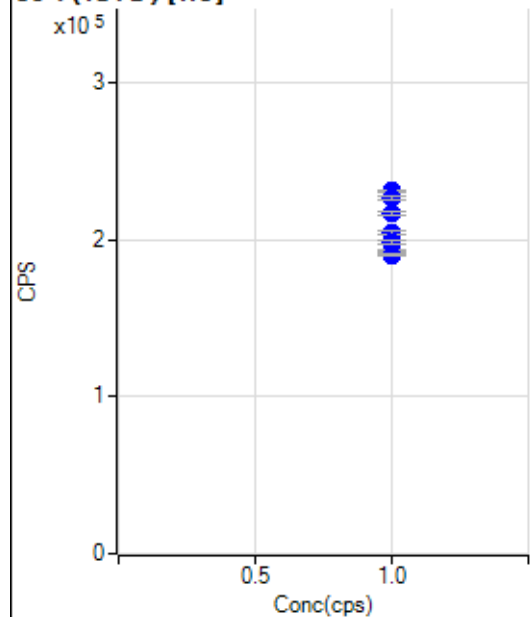
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1397931.39		P	0.8
2	☐	1.000					
3	☐	1.000		1359253.24		P	2.7
4	☐	1.000		1353074.56		P	0.5
5	☐	1.000		1258808.30		P	1.6
6	☐	1.000		1113555.30		P	0.5
7	☐	1.000		1097242.90		P	1.1
8	☐	1.000		1113530.01		P	0.4
9	☐	1.000		1066466.62		P	8.2

45 Sc (ISTD) [He]

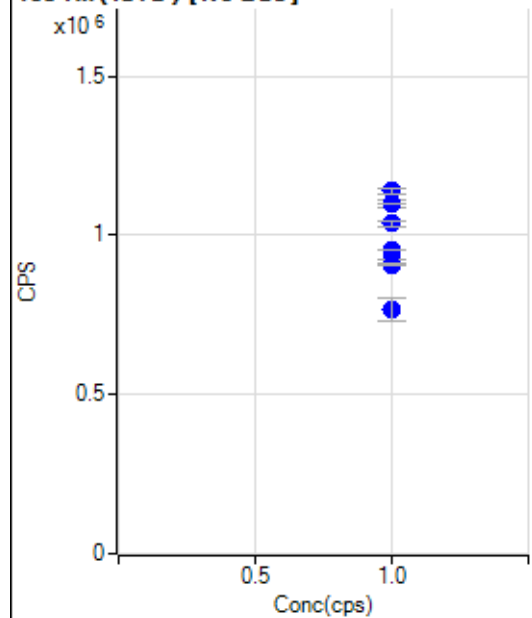
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		63480.95		P	1.1
2	☐	1.000					
3	☐	1.000		62434.26		P	0.8
4	☐	1.000		60036.84		P	1.7
5	☐	1.000		54995.04		P	0.7
6	☐	1.000		50786.69		P	1.2
7	☐	1.000		50098.92		P	0.4
8	☐	1.000		52532.96		P	1.8
9	☐	1.000		52206.38		P	1.4

89 Y (ISTD) [No Gas]

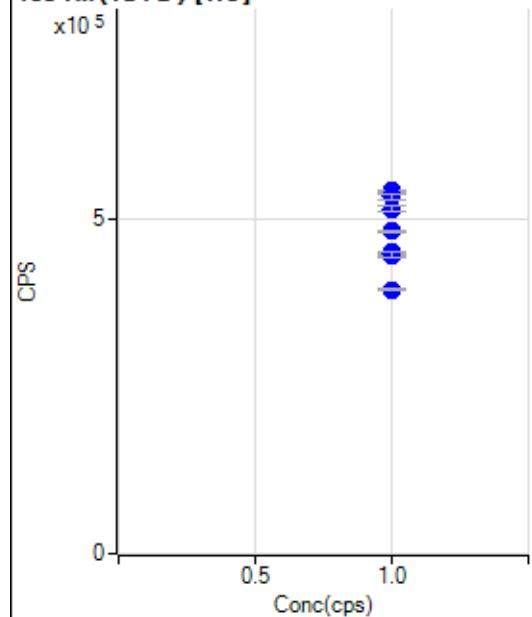
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1590454.63		A	0.5
2	☐	1.000					
3	☐	1.000		1518608.42		A	2.3
4	☐	1.000		1519223.31		A	0.4
5	☐	1.000		1449457.93		A	0.9
6	☐	1.000		1372545.95		P	0.3
7	☐	1.000		1355797.36		P	0.7
8	☐	1.000		1365748.97		P	0.1
9	☐	1.000		1220576.53		P	8.5

89 Y (ISTD) [He]

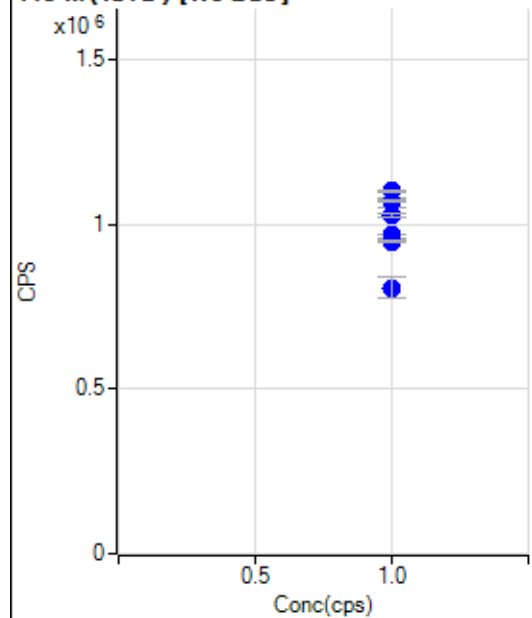
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		230856.84		P	0.7
2	☐	1.000					
3	☐	1.000		226469.15		P	0.8
4	☐	1.000		216995.09		P	1.3
5	☐	1.000		204606.42		P	0.9
6	☐	1.000		192768.73		P	1.0
7	☐	1.000		192574.91		P	0.8
8	☐	1.000		198342.18		P	0.7
9	☐	1.000		190044.70		P	0.9

103 Rh (ISTD) [No Gas]

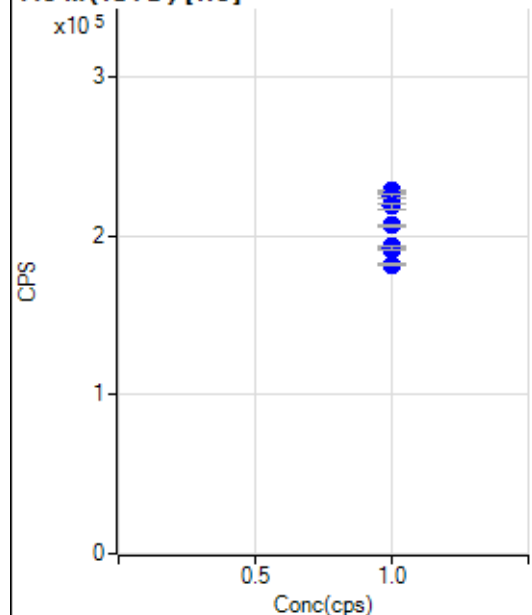
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1139207.85		P	1.4
2	☐	1.000					
3	☐	1.000		1099261.81		P	2.4
4	☐	1.000		1098220.41		P	0.1
5	☐	1.000		1036799.71		P	2.0
6	☐	1.000		953973.49		P	0.4
7	☐	1.000		923666.87		P	0.6
8	☐	1.000		906347.94		P	0.6
9	☐	1.000		767721.43		P	9.0

103 Rh (ISTD) [He]

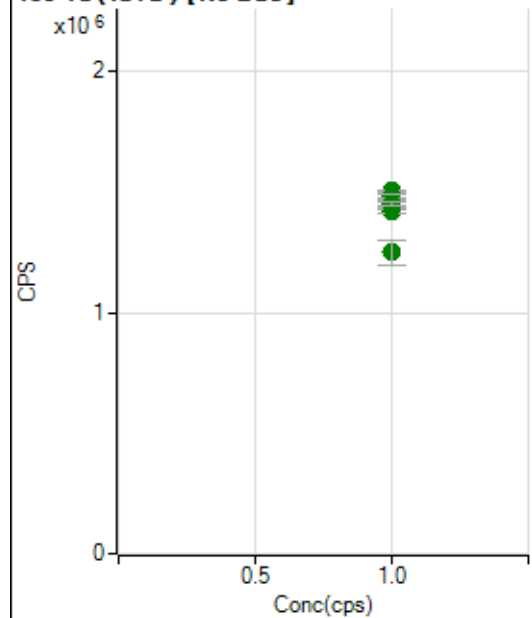
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		541236.52		P	0.8
2	☐	1.000					
3	☐	1.000		532792.75		P	1.4
4	☐	1.000		514429.55		P	1.5
5	☐	1.000		480669.00		P	0.5
6	☐	1.000		450038.76		P	0.8
7	☐	1.000		443900.50		P	0.6
8	☐	1.000		446132.58		P	1.3
9	☐	1.000		394240.94		P	0.7

115 In (ISTD) [No Gas]

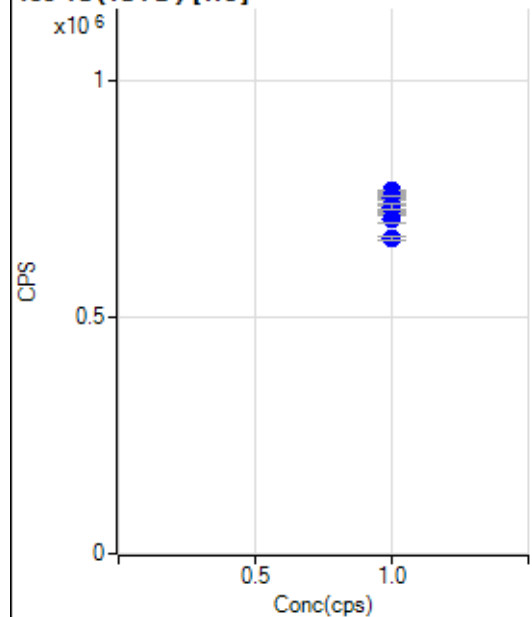
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1100260.09		P	0.8
2	☐	1.000					
3	☐	1.000		1065676.93		P	2.6
4	☐	1.000		1068386.80		P	0.7
5	☐	1.000		1025246.72		P	1.3
6	☐	1.000		967385.64		P	0.4
7	☐	1.000		958570.58		P	0.1
8	☐	1.000		946379.38		P	0.4
9	☐	1.000		807696.05		P	8.6

115 In (ISTD) [He]

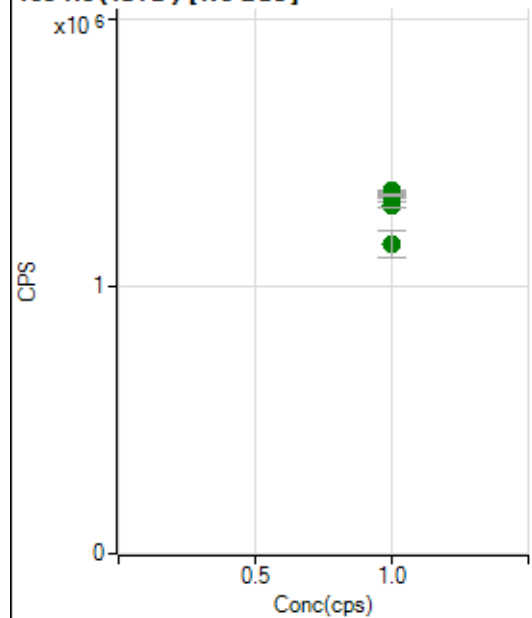
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		228442.85		P	0.5
2	☐	1.000					
3	☐	1.000		225386.00		P	0.9
4	☐	1.000		218823.08		P	1.7
5	☐	1.000		206600.89		P	0.9
6	☐	1.000		193323.90		P	0.5
7	☐	1.000		191642.30		P	0.2
8	☐	1.000		192179.59		P	1.2
9	☐	1.000		182111.79		P	0.7

159 Tb (ISTD) [No Gas]

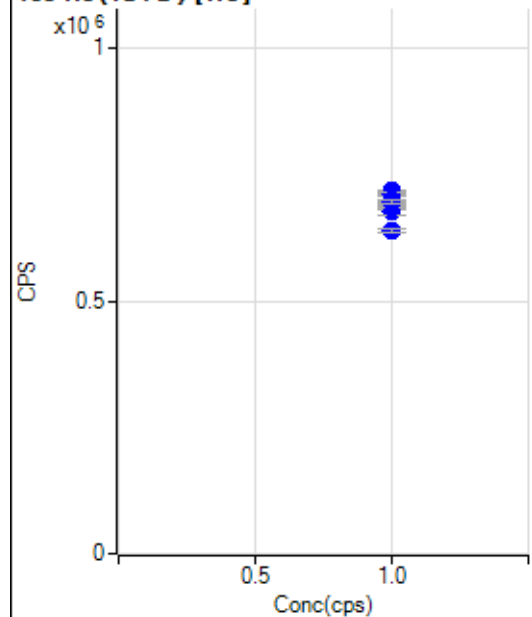
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1503485.79		A	0.7
2	☐	1.000					
3	☐	1.000		1445179.34		A	2.6
4	☐	1.000		1482802.86		A	0.9
5	☐	1.000		1449499.34		A	1.3
6	☐	1.000		1418955.25		A	1.3
7	☐	1.000		1437509.22		A	0.5
8	☐	1.000		1450791.04		A	1.1
9	☐	1.000		1247154.82		A	8.9

159 Tb (ISTD) [He]

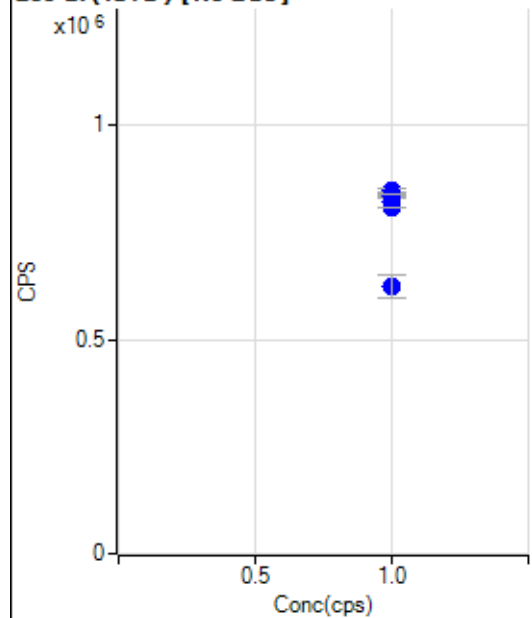
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		768272.76		P	0.7
2	☐	1.000					
3	☐	1.000		758803.93		P	1.0
4	☐	1.000		754077.06		P	1.0
5	☐	1.000		736390.34		P	0.3
6	☐	1.000		708640.34		P	1.8
7	☐	1.000		722600.58		P	0.5
8	☐	1.000		734662.17		P	1.3
9	☐	1.000		668579.86		P	0.9

165 Ho (ISTD) [No Gas]

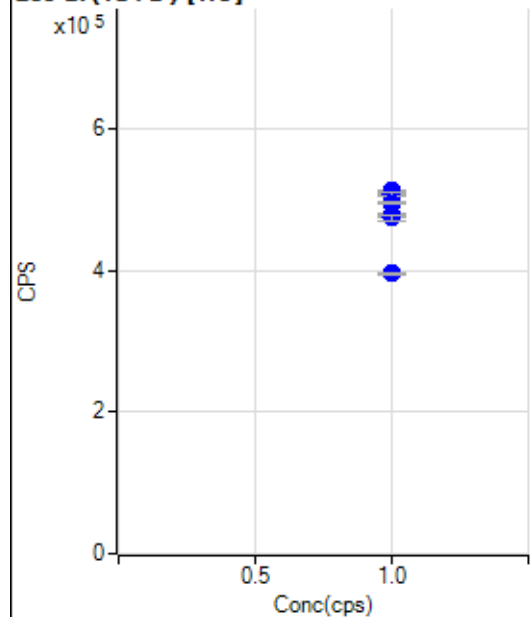
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1358527.12		A	0.4
2	☐	1.000					
3	☐	1.000		1316883.51		A	3.6
4	☐	1.000		1348679.79		A	1.1
5	☐	1.000		1329052.72		A	1.4
6	☐	1.000		1306294.79		A	1.5
7	☐	1.000		1334484.17		A	0.3
8	☐	1.000		1345095.91		A	0.5
9	☐	1.000		1158187.47		A	8.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		718615.92		P	0.5
2	☐	1.000					
3	☐	1.000		713147.85		P	0.6
4	☐	1.000		712321.54		P	1.0
5	☐	1.000		699154.03		P	0.4
6	☐	1.000		676116.71		P	1.4
7	☐	1.000		687247.08		P	0.8
8	☐	1.000		696374.76		P	1.4
9	☐	1.000		639446.49		P	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		846217.91		P	1.5
2	☐	1.000					
3	☐	1.000		822786.97		P	3.3
4	☐	1.000		839818.23		P	0.6
5	☐	1.000		839735.93		P	1.0
6	☐	1.000		834760.25		P	1.0
7	☐	1.000		838734.97		P	0.4
8	☐	1.000		807143.47		P	0.5
9	☐	1.000		623990.25		P	8.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		512702.14		P	0.6
2	☐	1.000					
3	☐	1.000		507274.51		P	0.6
4	☐	1.000		507489.08		P	1.0
5	☐	1.000		495602.50		P	0.4
6	☐	1.000		478491.19		P	1.5
7	☐	1.000		477323.39		P	0.8
8	☐	1.000		474785.47		P	1.6
9	☐	1.000		395995.95		P	0.9