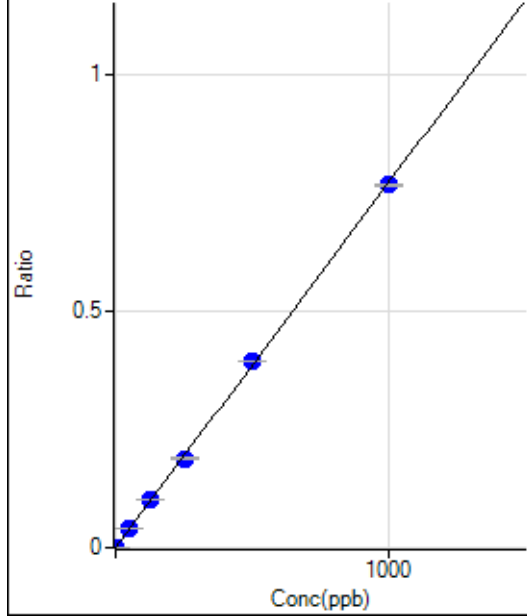


Calibration for 173SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102124-MS1.b\
 Analysis File: P7102124-MS1.batch.bin
 DA Date-Time: 2024-10-22 01:12:24
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-21 14:52:18
2	005CALS.d	S02	2024-10-21 14:55:43
3	006CALS.d	S03	2024-10-21 14:59:09
4	007CALS.d	S04	2024-10-21 15:02:31
5	008CALS.d	S05	2024-10-21 15:05:50
6	009CALS.d	S06	2024-10-21 15:09:00
7	010CALS.d	S07	2024-10-21 15:12:07
8	011CALS.d	S08	2024-10-21 15:15:03

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0001	P	38.1
2	☐	1.000	0.985	313.34	0.0008	P	14.8
3	☐	50.000	54.678	16598.95	0.0422	P	1.2
4	☐	125.000	132.937	40874.71	0.1025	P	1.1
5	☐	250.000	244.186	74003.73	0.1883	P	0.8
6	☐	500.000	512.142	148938.09	0.3948	P	0.3
7	☐	1000.000	994.156	284755.79	0.7664	P	0.8
8	☐			264.45	0.0007	P	1.9

$$y = 7.7082\text{E-}004 * x + 5.8053\text{E-}005$$

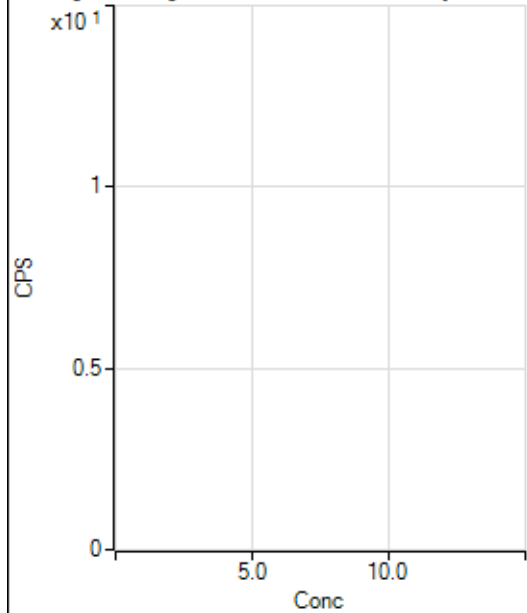
$$R = 0.9998$$

$$DL = 0.08612$$

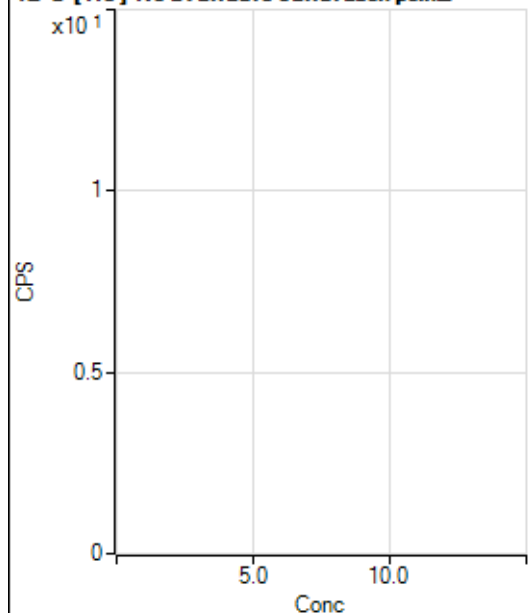
$$BEC = 0.07531$$

Weight: <None>

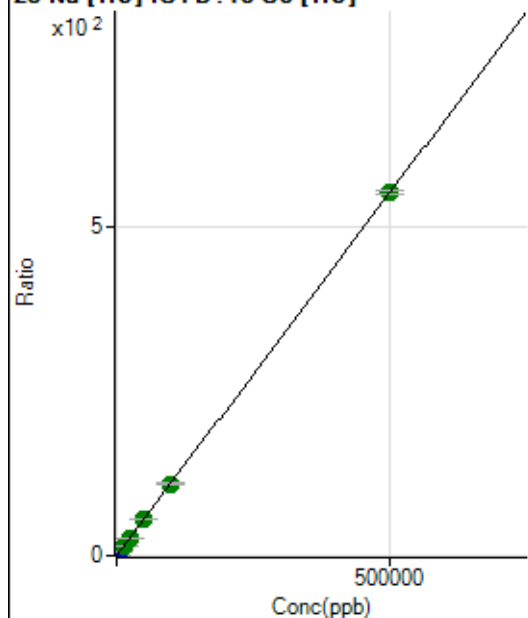
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1823.46	0.0200	P	2.2
2	☐	500.000	500.024	52103.35	0.5722	P	1.2
3	☐	5000.000	5249.467	536707.40	5.8175	P	0.7
4	☐	12500.000	12236.374	1248560.93	13.5338	A	2.2
5	☐	25000.000	23364.485	2253615.92	25.8236	A	0.6
6	☐	50000.000	49168.297	4600475.56	54.3212	A	0.2
7	☐	100000.00	99208.442	9359974.24	109.5851	A	1.0
8	☐	500000.00	500327.35	46081409.87	552.5781	A	0.9

$$y = 0.0011 * x + 0.0200$$

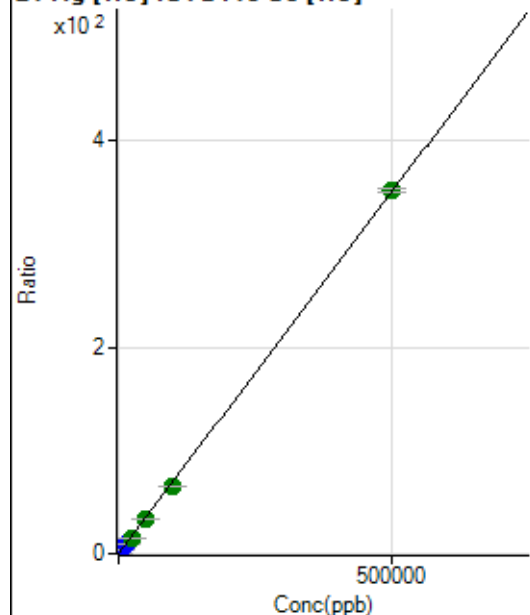
$$R = 1.0000$$

$$DL = 1.221$$

$$BEC = 18.13$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	978.93	0.0108	P	4.4
2	☐	500.000	506.466	33289.30	0.3656	P	2.0
3	☐	5000.000	4982.565	323078.01	3.5019	P	0.9
4	☐	12500.000	12356.280	799710.25	8.6685	P	1.0
5	☐	25000.000	22517.817	1377857.69	15.7885	A	0.5
6	☐	50000.000	46879.039	2782743.22	32.8578	A	0.4
7	☐	100000.00	93286.774	5583899.85	65.3747	A	0.8
8	☐	500000.00	501782.61	29320718.18	351.5985	A	1.2

$$y = 7.0068\text{E-}004 * x + 0.0108$$

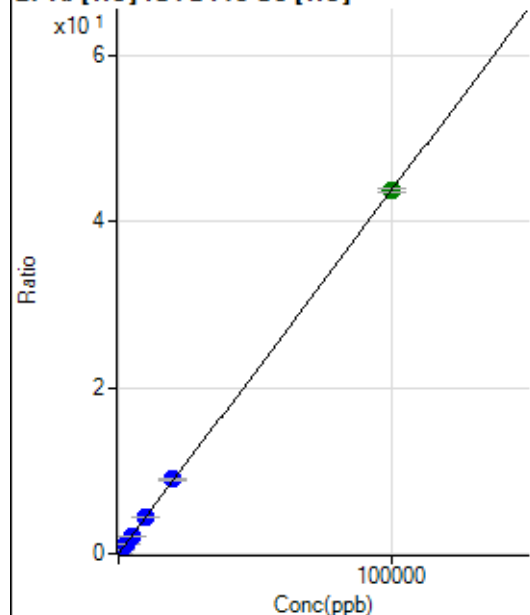
$$R = 0.9999$$

$$DL = 2.026$$

$$BEC = 15.35$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0021	P	6.8
2	☐	20.000	18.908	945.59	0.0104	P	4.8
3	☐	1000.000	1044.399	42298.05	0.4585	P	0.9
4	☐	2500.000	2597.702	104913.78	1.1372	P	0.6
5	☐	5000.000	4842.802	184860.31	2.1182	P	0.6
6	☐	10000.000	10234.652	378922.47	4.4742	P	0.2
7	☐	20000.000	20432.277	762768.09	8.9302	P	0.5
8	☐	100000.00	99895.053	3640277.41	43.6521	A	1.2

$$y = 4.3696\text{E-}004 * x + 0.0021$$

$$R = 1.0000$$

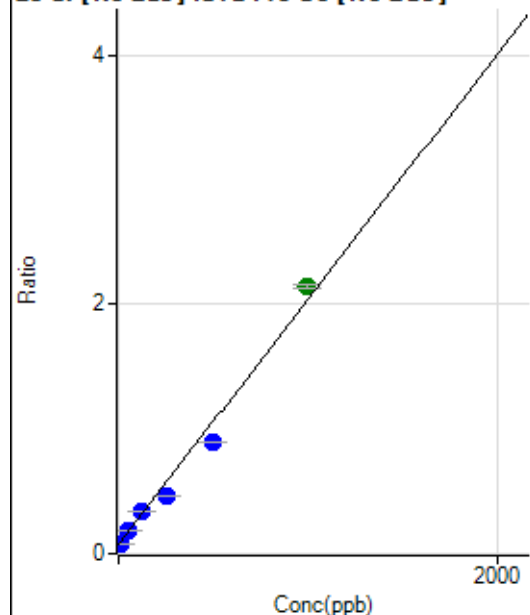
$$DL = 0.9867$$

$$BEC = 4.858$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82741.47	0.0751	P	0.6
2	☐	10.000	1.591	85912.02	0.0783	P	0.1
3	☐	50.000	53.455	201276.88	0.1803	P	1.1
4	☐	125.000	133.214	375871.44	0.3373	P	0.4
5	☐	250.000	198.630	501584.12	0.4661	P	0.9
6	☐	500.000	418.454	917242.29	0.8988	P	0.7
7	☐	1000.000	1052.500	2136364.12	2.1467	A	0.9
8	☐			96876.60	0.0970	P	1.6

$$y = 0.0020 * x + 0.0751$$

$$R = 0.9936$$

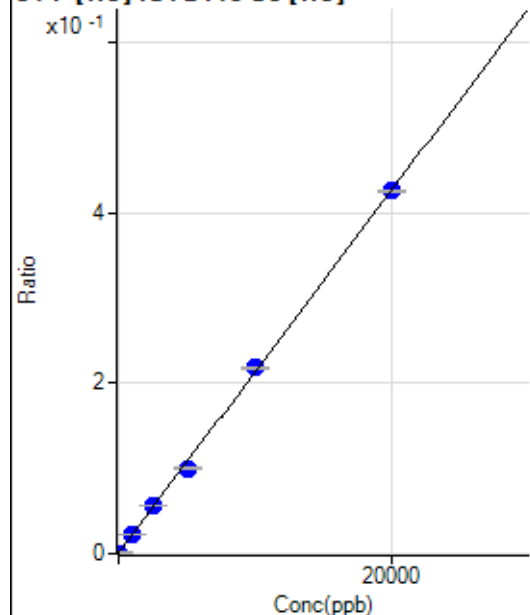
$$DL = 0.6595$$

$$BEC = 38.17$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.218	41.11	0.0004	P	43.3
2	☐	0.000	15.218	100.00	0.0011	P	15.0
3	☐	1000.000	1032.728	2100.16	0.0228	P	4.3
4	☐	2500.000	2581.039	5142.02	0.0557	P	1.1
5	☐	5000.000	4668.351	8743.67	0.1002	P	1.4
6	☐	10000.000	10206.137	18472.38	0.2181	P	0.7
7	☐	20000.000	19968.078	36387.62	0.4260	P	0.3
8	☐			62.22	0.0007	P	2.7

$$y = 2.1296E-005 * x + 7.7393E-004$$

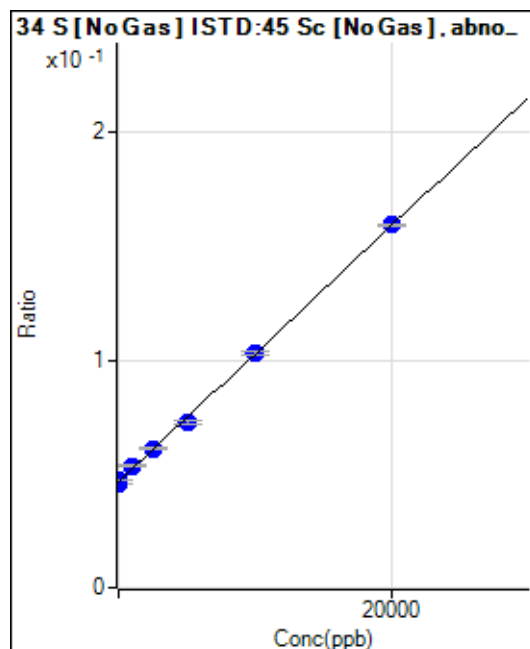
$$R = 0.9997$$

$$DL = 25.36$$

$$BEC = 36.34$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-146.672	50339.26	0.0457	P	1.4
2	☐	0.000	146.672	51990.22	0.0474	P	0.7
3	☐	1000.000	1259.189	59841.05	0.0536	P	1.4
4	☐	2500.000	2607.572	68202.41	0.0612	P	1.0
5	☐	5000.000	4652.188	78252.29	0.0727	P	1.5
6	☐	10000.000	10046.452	105200.98	0.1031	P	1.0
7	☐	20000.000	20037.321	158545.08	0.1593	P	0.7
8	☐			46252.07	0.0463	P	1.7

$$y = 5.6288\text{E-}006 * x + 0.0465$$

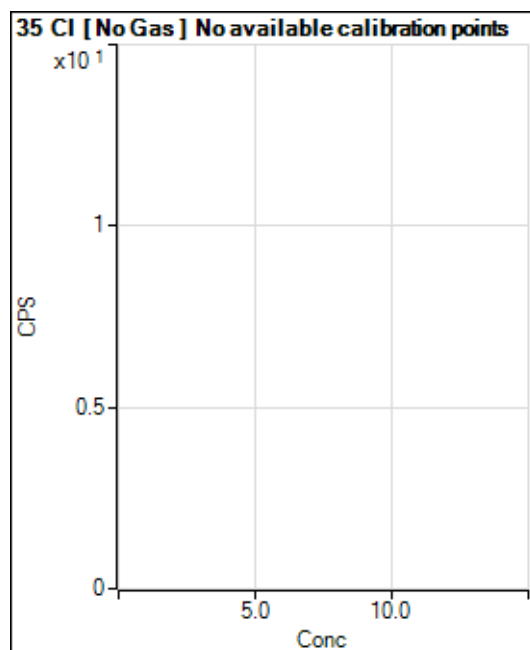
$$R = 0.9996$$

$$DL = 251.8$$

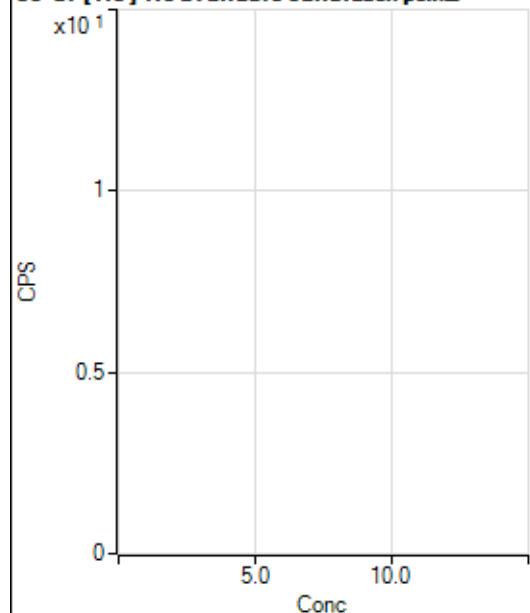
$$BEC = 8267$$

Weight: <None>

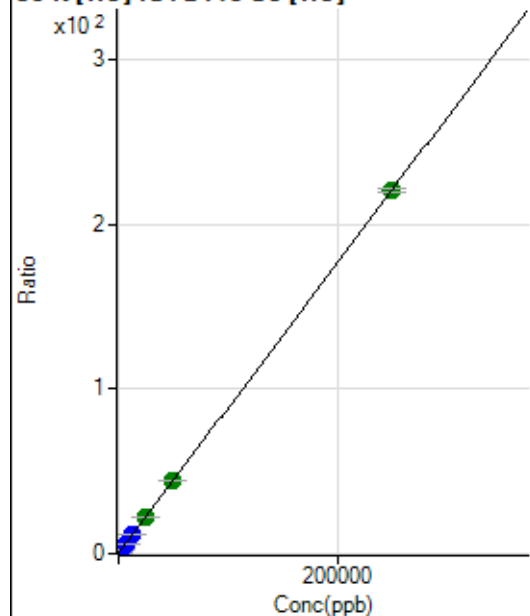
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18103.08	0.1988	P	2.5
2	☐	500.000	533.352	60895.37	0.6688	P	0.4
3	☐	2500.000	2774.503	243890.85	2.6436	P	0.4
4	☐	6250.000	6885.962	578104.72	6.2664	P	0.5
5	☐	12500.000	12838.952	1004666.12	11.5119	P	0.4
6	☐	25000.000	25260.318	1901871.26	22.4570	A	0.4
7	☐	50000.000	49920.048	3774107.62	44.1860	A	0.9
8	☐	250000.00	249954.30	18383615.56	220.4469	A	1.2

$$y = 8.8115E-004 * x + 0.1988$$

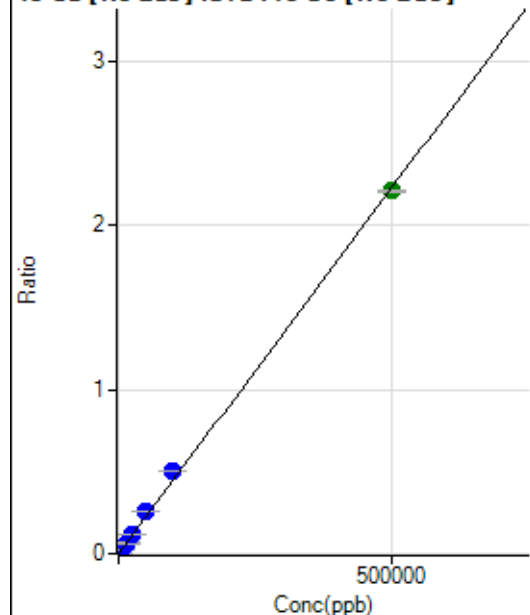
$$R = 1.0000$$

$$DL = 17.09$$

$$BEC = 225.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	128.89	0.0001	P	6.6
2	☐	500.000	550.566	2815.85	0.0026	P	5.9
3	☐	5000.000	5830.362	29067.84	0.0260	P	2.3
4	☐	12500.000	14442.107	71687.00	0.0643	P	0.2
5	☐	25000.000	26989.606	129279.93	0.1201	P	0.4
6	☐	50000.000	57487.629	261003.96	0.2557	P	0.6
7	☐	100000.00	113788.82	503655.67	0.5061	P	1.1
8	☐	500000.00	496337.08	2204406.51	2.2072	A	0.6

$$y = 4.4467\text{E-}006 * x + 1.1703\text{E-}004$$

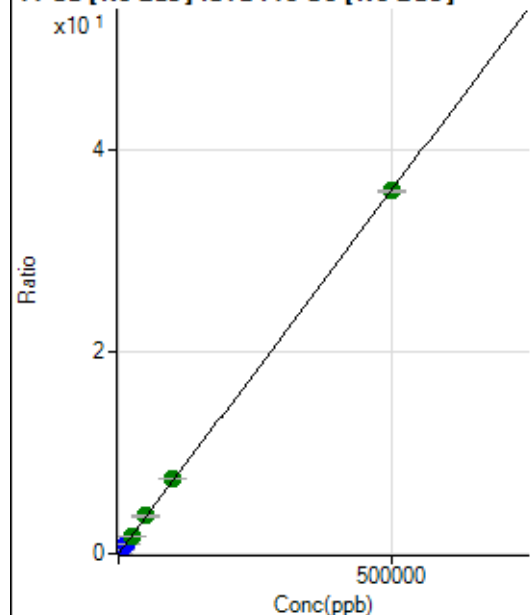
$$R = 0.9995$$

$$DL = 5.177$$

$$BEC = 26.32$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1303.41	0.0012	P	0.9
2	☐	500.000	531.254	43342.82	0.0395	P	0.6
3	☐	5000.000	5664.811	457078.29	0.4095	P	0.6
4	☐	12500.000	14035.844	1128717.79	1.0130	P	0.3
5	☐	25000.000	24035.246	1865891.52	1.7338	A	0.3
6	☐	50000.000	51783.703	3810818.31	3.7341	A	0.8
7	☐	100000.00	102608.55	7362125.44	7.3979	A	1.0
8	☐	500000.00	499303.08	35949401.41	35.9941	A	0.5

$$y = 7.2086\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

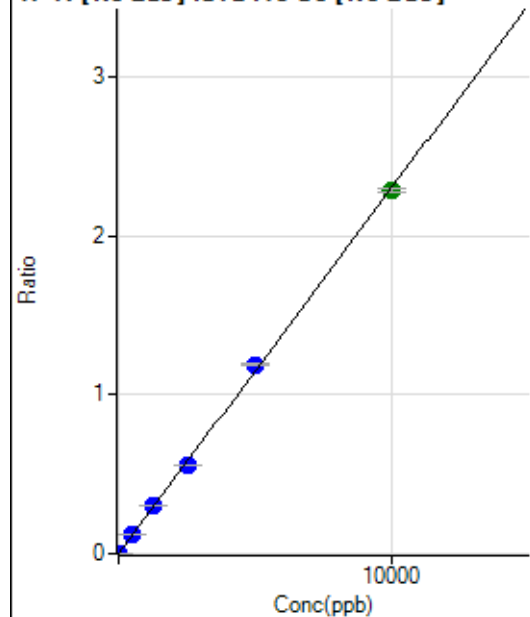
$$DL = 0.4465$$

$$BEC = 16.42$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	19.7
2	☐	5.000	4.609	1188.95	0.0011	P	4.1
3	☐	500.000	522.406	134069.35	0.1201	P	0.6
4	☐	1250.000	1303.528	333947.04	0.2997	P	0.3
5	☐	2500.000	2431.995	601730.59	0.5591	P	0.2
6	☐	5000.000	5173.615	1213881.12	1.1894	P	0.5
7	☐	10000.000	9922.383	2270152.76	2.2812	A	1.0
8	☐			1186.73	0.0012	P	2.8

$$y = 2.2990E-004 * x + 2.3196E-005$$

$$R = 0.9997$$

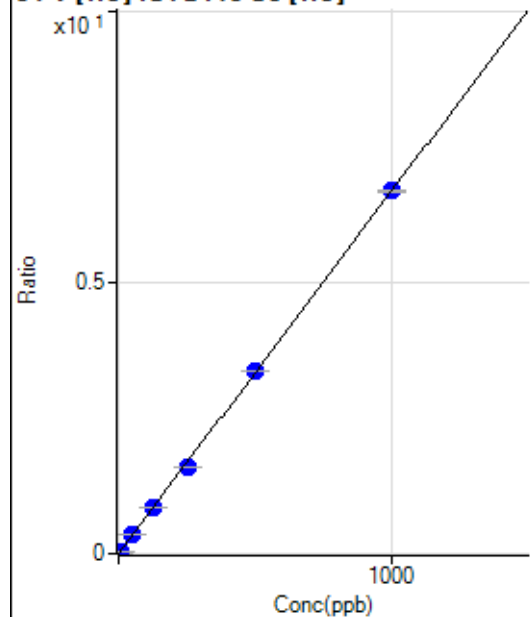
$$DL = 0.05964$$

$$BEC = 0.1009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.3
2	☐	5.000	5.100	3110.35	0.0342	P	4.6
3	☐	50.000	51.438	31755.62	0.3442	P	1.8
4	☐	125.000	128.534	79337.92	0.8600	P	1.0
5	☐	250.000	238.787	139431.04	1.5977	P	1.1
6	☐	500.000	502.971	284997.02	3.3652	P	0.2
7	☐	1000.000	1000.804	571929.60	6.6960	P	0.8
8	☐			251.11	0.0030	P	4.7

$$y = 0.0067 * x + 3.6238E-005$$

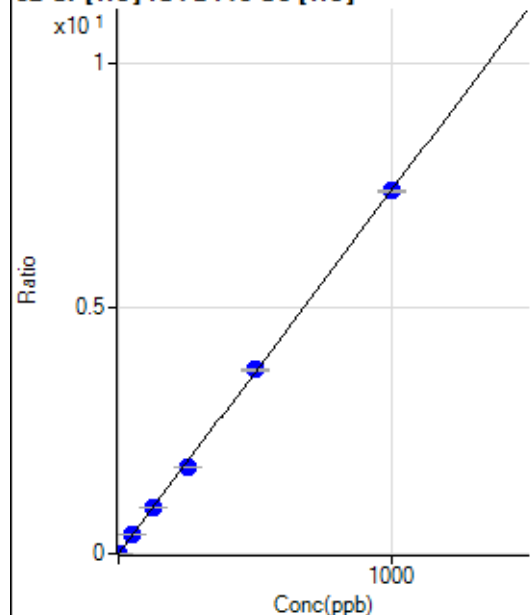
$$R = 0.9999$$

$$DL = 0.01613$$

$$BEC = 0.005416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0011	P	0.5
2	☐	2.000	2.067	1490.09	0.0164	P	5.1
3	☐	50.000	52.139	35695.50	0.3869	P	0.1
4	☐	125.000	128.700	87960.88	0.9535	P	0.6
5	☐	250.000	239.685	154884.29	1.7748	P	0.7
6	☐	500.000	506.498	317518.20	3.7492	P	0.7
7	☐	1000.000	998.760	631371.08	7.3920	P	0.9
8	☐			2125.76	0.0255	P	3.9

$$y = 0.0074 * x + 0.0011$$

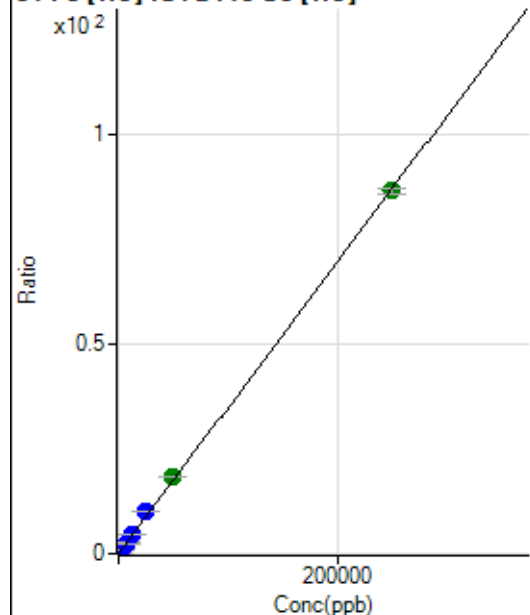
$$R = 0.9999$$

$$DL = 0.002386$$

$$BEC = 0.1451$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.34	0.0051	P	8.3
2	☐	50.000	57.046	2272.41	0.0250	P	2.2
3	☐	2500.000	2943.520	95033.85	1.0301	P	0.7
4	☐	6250.000	7235.813	232924.15	2.5248	P	0.3
5	☐	12500.000	13501.557	410755.39	4.7067	P	0.6
6	☐	25000.000	28633.346	844849.47	9.9759	P	0.6
7	☐	50000.000	52385.351	1558576.14	18.2469	A	0.2
8	☐	250000.00	249080.43	7233512.53	86.7408	A	1.3

$$y = 3.4822E-004 * x + 0.0051$$

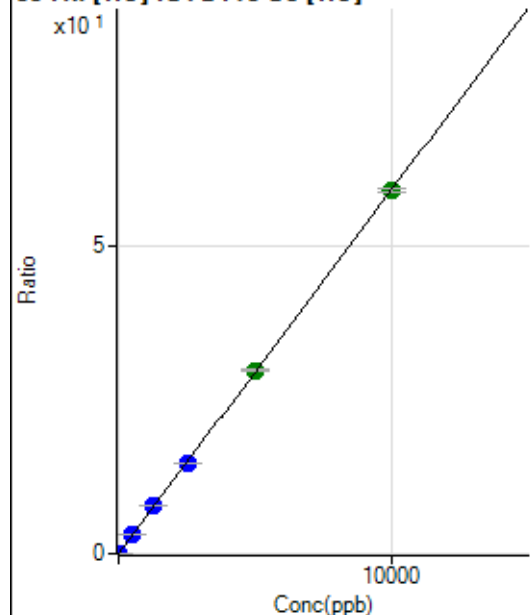
$$R = 0.9999$$

$$DL = 3.654$$

$$BEC = 14.62$$

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	108.89	0.0012	P	30.7
2	☐	1.000	0.976	632.24	0.0069	P	6.3
3	☐	500.000	530.621	288573.47	3.1279	P	0.2
4	☐	1250.000	1324.045	719872.75	7.8031	P	0.6
5	☐	2500.000	2477.780	1274303.23	14.6015	P	0.7
6	☐	5000.000	5040.330	2515358.12	29.7012	A	0.8
7	☐	10000.000	9974.603	5020341.49	58.7763	A	0.9
8	☐			3983.90	0.0478	P	2.5

$$y = 0.0059 * x + 0.0012$$

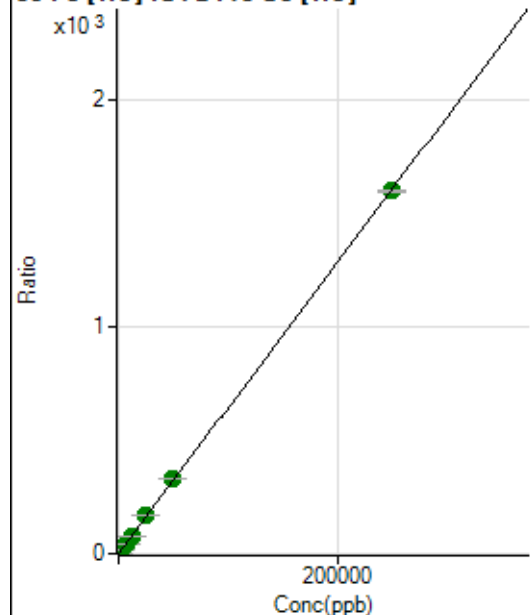
$$R = 1.0000$$

$$DL = 0.1863$$

$$BEC = 0.2023$$

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	3653.81	0.0401	P	2.9
2	☐	50.000	57.131	37004.38	0.4064	P	1.1
3	☐	2500.000	2707.869	1605404.25	17.4016	A	1.3
4	☐	6250.000	6668.740	3948290.32	42.7968	A	1.0
5	☐	12500.000	12387.144	6934602.12	79.4603	A	1.3
6	☐	25000.000	26357.761	14315418.40	169.0330	A	0.5
7	☐	50000.000	51826.648	28385718.47	332.3269	A	0.4
8	☐	250000.00	249491.98	133403113.5	1,599.659	A	0.5

$$y = 0.0064 * x + 0.0401$$

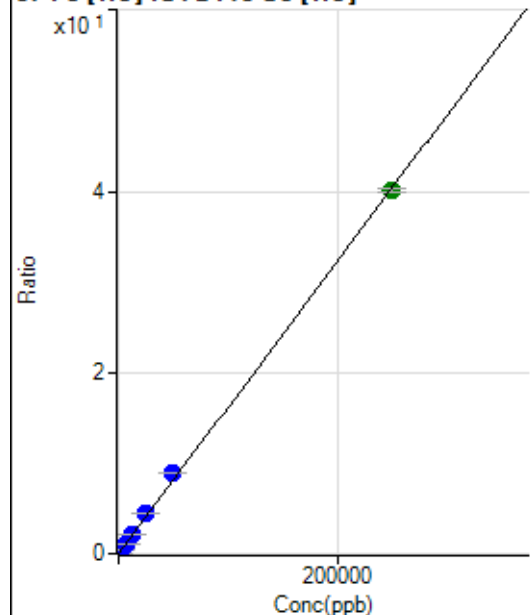
$$R = 1.0000$$

$$DL = 0.5384$$

$$BEC = 6.258$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.34	0.0040	P	4.1
2	☐	50.000	54.701	1165.61	0.0128	P	4.5
3	☐	2500.000	2869.107	43014.71	0.4662	P	1.4
4	☐	6250.000	7132.372	106377.24	1.1531	P	0.5
5	☐	12500.000	13305.589	187429.40	2.1476	P	0.7
6	☐	25000.000	28166.740	384652.85	4.5419	P	0.3
7	☐	50000.000	55253.240	760680.02	8.9058	P	0.8
8	☐	250000.00	248566.64	3339924.01	40.0504	A	1.1

$$y = 1.6111\text{E-}004 * x + 0.0040$$

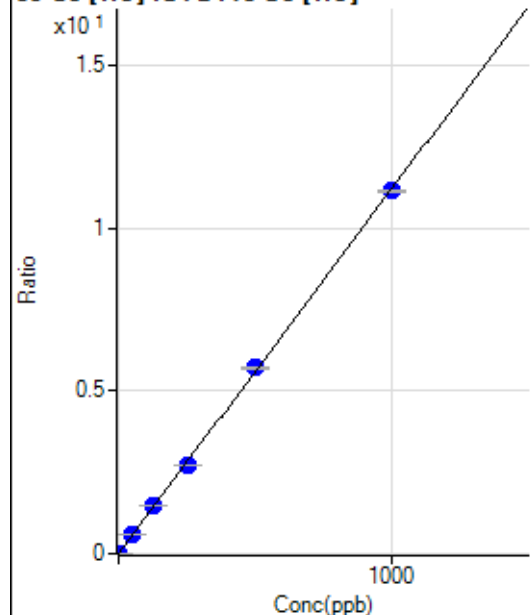
$$R = 0.9997$$

$$DL = 3.058$$

$$BEC = 24.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0003	P	8.1
2	☐	1.000	1.108	1157.83	0.0127	P	6.5
3	☐	50.000	53.620	55444.01	0.6010	P	0.6
4	☐	125.000	131.802	136243.57	1.4768	P	0.2
5	☐	250.000	243.435	238018.12	2.7273	P	0.9
6	☐	500.000	510.386	484236.06	5.7178	P	0.5
7	☐	1000.000	995.417	952471.27	11.1513	P	0.8
8	☐			2752.51	0.0330	P	5.2

$$y = 0.0112 * x + 3.0523\text{E-}004$$

$$R = 0.9999$$

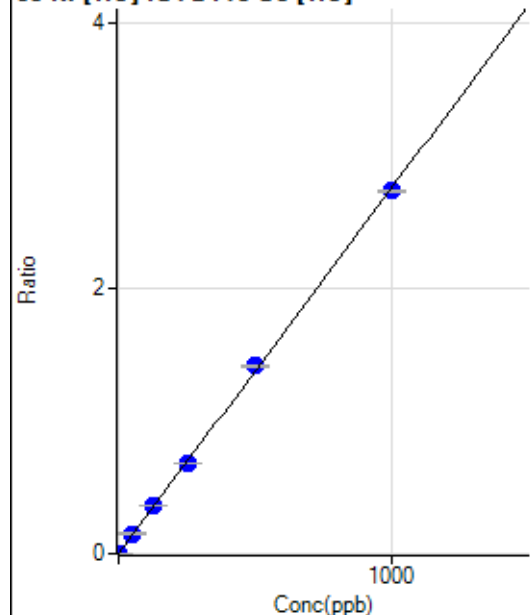
$$DL = 0.006633$$

$$BEC = 0.02725$$

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	73.33	0.0008	P	12.3
2	☐	1.000	1.208	375.57	0.0041	P	17.9
3	☐	50.000	54.412	13869.84	0.1503	P	2.6
4	☐	125.000	133.025	33802.51	0.3664	P	1.2
5	☐	250.000	247.399	59408.09	0.6807	P	0.3
6	☐	500.000	512.998	119468.66	1.4107	P	1.3
7	☐	1000.000	992.927	233153.91	2.7297	P	0.6
8	☐			1051.16	0.0126	P	8.3

$$y = 0.0027 * x + 8.0544E-004$$

$$R = 0.9998$$

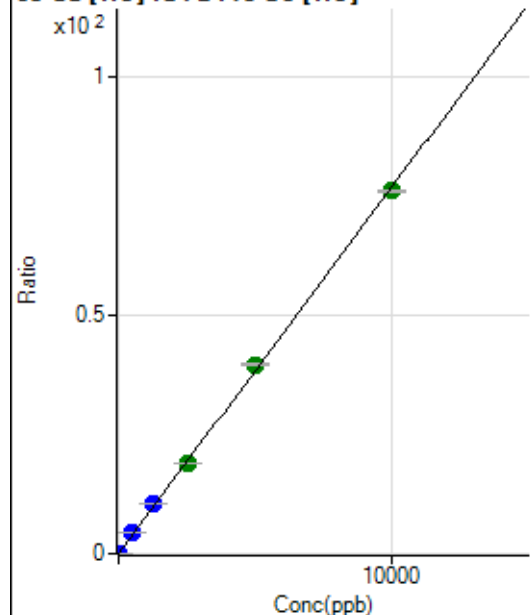
$$DL = 0.1085$$

$$BEC = 0.2931$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	483.35	0.0053	P	4.3
2	☐	2.000	2.189	2015.71	0.0221	P	2.6
3	☐	500.000	555.518	394560.08	4.2768	P	0.8
4	☐	1250.000	1367.516	970556.06	10.5203	P	0.4
5	☐	2500.000	2478.395	1663615.34	19.0621	A	0.9
6	☐	5000.000	5157.830	3359219.39	39.6646	A	0.7
7	☐	10000.000	9909.021	6508258.79	76.1972	A	0.8
8	☐			2870.30	0.0344	P	2.5

$$y = 0.0077 * x + 0.0053$$

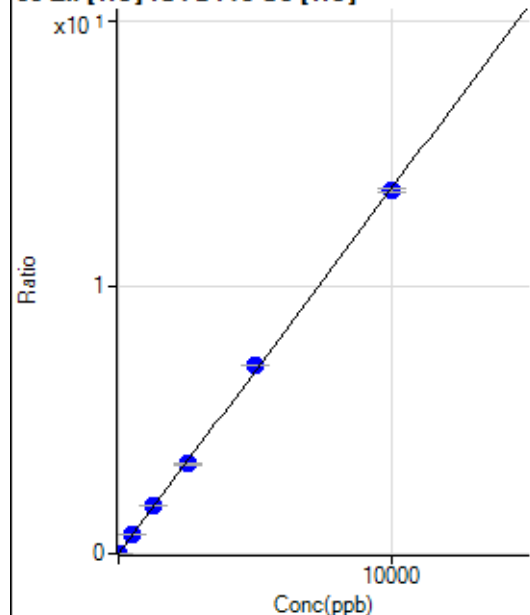
$$R = 0.9998$$

$$DL = 0.08834$$

$$BEC = 0.6902$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.11	0.0026	P	13.5
2	☐	2.000	4.623	817.81	0.0090	P	4.8
3	☐	500.000	534.382	67820.67	0.7351	P	0.4
4	☐	1250.000	1314.877	166514.13	1.8049	P	0.6
5	☐	2500.000	2448.827	293163.30	3.3593	P	0.6
6	☐	5000.000	5136.617	596507.50	7.0434	P	0.1
7	☐	10000.000	9934.656	1163330.17	13.6201	P	1.0
8	☐			1527.87	0.0183	P	8.3

$$y = 0.0014 * x + 0.0026$$

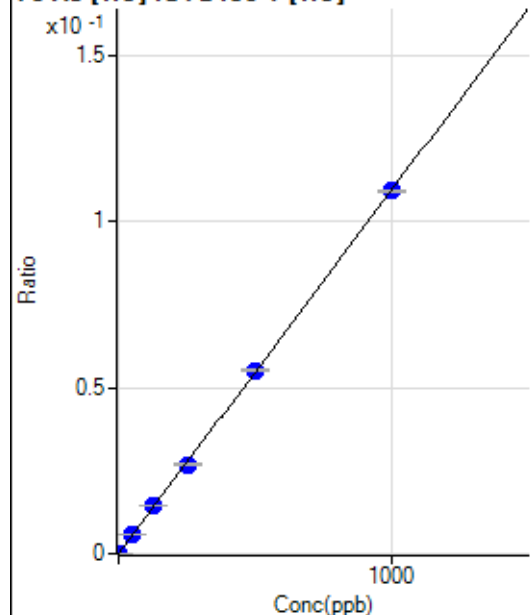
$$R = 0.9998$$

$$DL = 0.7825$$

$$BEC = 1.929$$

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	0.00	0.0000	P	
2	☐	1.000	1.107	100.00	0.0001	P	18.3
3	☐	50.000	52.131	4784.15	0.0057	P	5.1
4	☐	125.000	131.240	11972.68	0.0143	P	1.2
5	☐	250.000	244.318	21265.30	0.0267	P	1.7
6	☐	500.000	504.623	42880.65	0.0552	P	1.6
7	☐	1000.000	998.222	85675.14	0.1091	P	0.3
8	☐			72.22	0.0001	P	18.2

$$y = 1.0934E-004 * x + 0.0000E+000$$

$$R = 0.9999$$

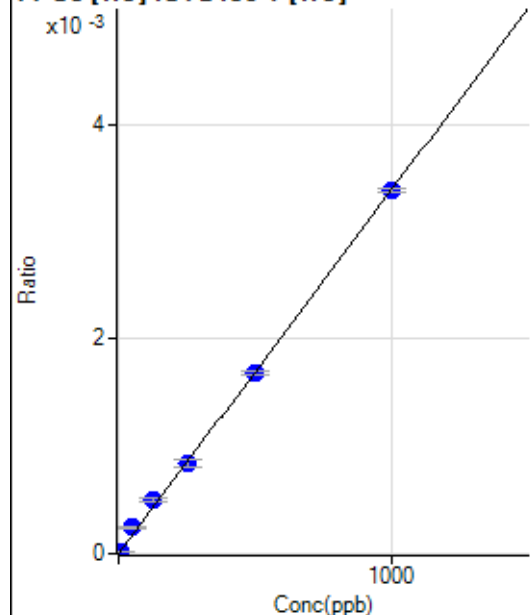
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.974	11.11	0.0000	P	17.8
3	☐	50.000	71.917	204.45	0.0002	P	3.5
4	☐	125.000	147.850	417.79	0.0005	P	8.5
5	☐	250.000	248.540	670.02	0.0008	P	8.0
6	☐	500.000	497.628	1310.07	0.0017	P	1.4
7	☐	1000.000	997.604	2652.48	0.0034	P	0.9
8	☐			1.11	0.0000	P	173.

$$y = 3.3872\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

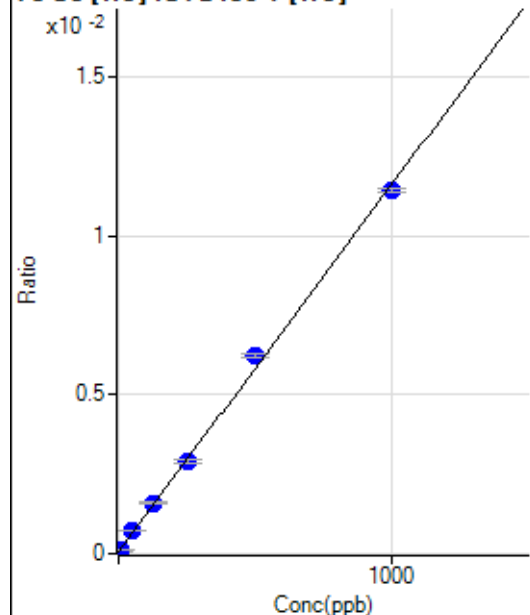
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	18.4
2	☐	5.000	6.149	108.89	0.0001	P	12.3
3	☐	50.000	56.635	600.02	0.0007	P	3.7
4	☐	125.000	132.978	1332.30	0.0016	P	3.2
5	☐	250.000	245.035	2301.31	0.0029	P	3.3
6	☐	500.000	533.014	4831.94	0.0062	P	2.0
7	☐	1000.000	983.400	8963.89	0.0114	P	1.1
8	☐			45.55	0.0001	P	14.4

$$y = 1.1550\text{E-}005 * x + 6.0787\text{E-}005$$

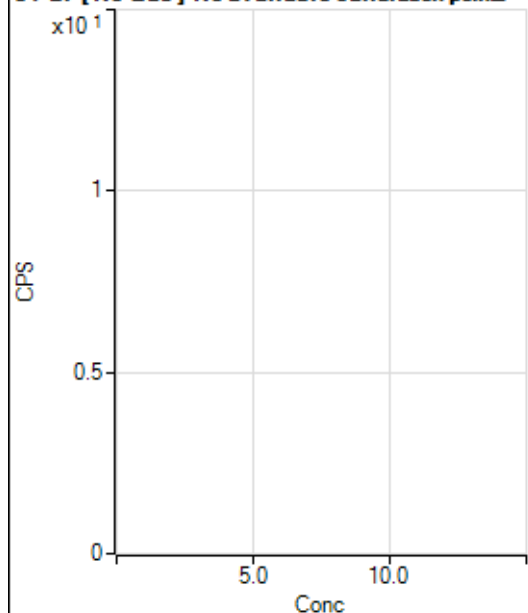
$$R = 0.9992$$

$$DL = 2.898$$

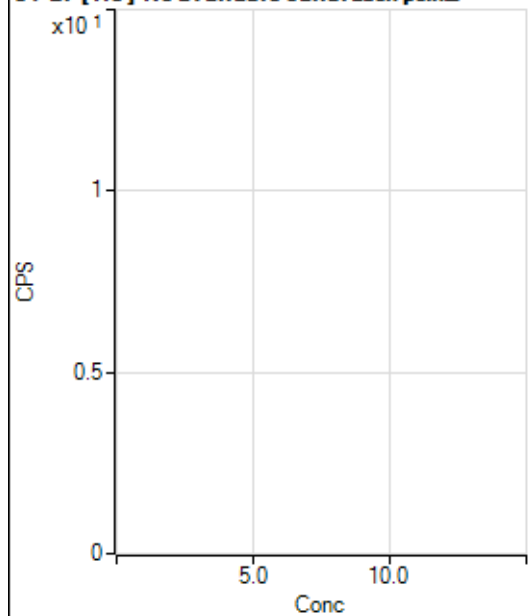
$$BEC = 5.263$$

Weight: <None>

Min Conc: 0

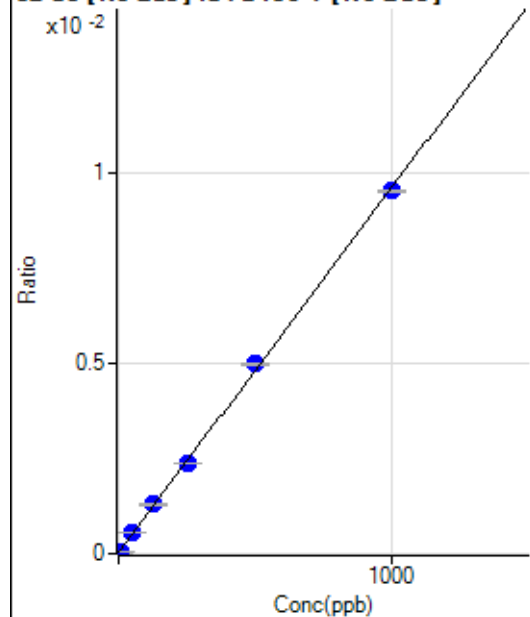
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4977.56		P	1.4
2	☐			4927.54		P	2.5
3	☐			4800.83		P	4.7
4	☐			4698.57		P	2.1
5	☐			4317.36		P	2.7
6	☐			4143.97		P	1.6
7	☐			3926.11		P	1.8
8	☐			4021.70		P	2.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	51.5
2	☐			28.89		P	35.2
3	☐			18.89		P	44.4
4	☐			22.22		P	17.3
5	☐			10.00		P	57.7
6	☐			16.66		P	91.7
7	☐			15.55		P	44.6
8	☐			16.67		P	34.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.56	0.0000	P	22.2
2	☐	5.000	3.687	199.49	0.0001	P	7.7
3	☐	50.000	53.987	1749.02	0.0005	P	1.4
4	☐	125.000	131.986	4150.50	0.0013	P	1.7
5	☐	250.000	245.094	7442.20	0.0024	P	1.8
6	☐	500.000	516.635	14962.30	0.0050	P	1.1
7	☐	1000.000	991.843	28307.69	0.0095	P	0.3
8	☐			92.63	0.0000	P	28.6

$$y = 9.5740\text{E-}006 * x + 2.7971\text{E-}005$$

$$R = 0.9998$$

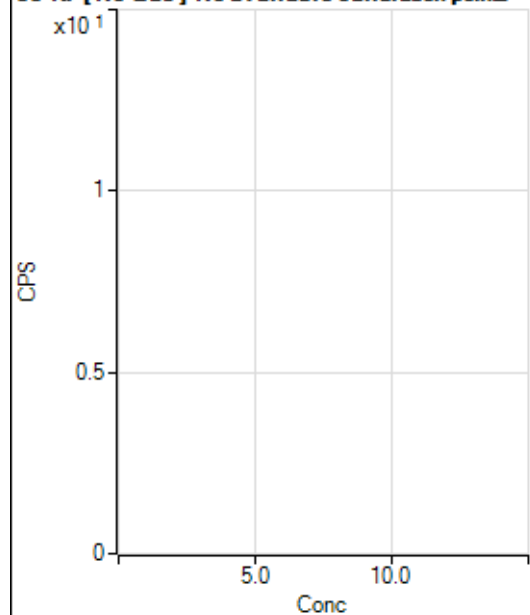
$$DL = 1.943$$

$$BEC = 2.922$$

Weight: <None>

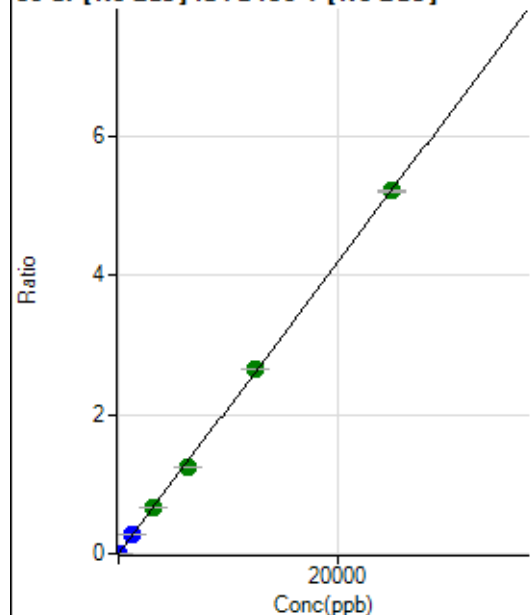
Min Conc: 0

83 Kr [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			37.78		P	10.2
2	☐			57.78		P	14.5
3	☐			45.56		P	30.5
4	☐			30.00		P	29.4
5	☐			37.78		P	13.5
6	☐			34.45		P	11.2
7	☐			46.67		P	25.8
8	☐			61.11		P	12.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.11	0.0000	P	6.9
2	☐	1.000	1.052	792.25	0.0003	P	11.8
3	☐	1250.000	1291.489	865166.47	0.2695	P	0.8
4	☐	3125.000	3178.785	2131742.94	0.6633	A	0.6
5	☐	6250.000	5966.507	3902256.36	1.2450	A	0.3
6	☐	12500.000	12671.204	7953038.56	2.6440	A	0.4
7	☐	25000.000	24976.473	15490090.60	5.2117	A	0.6
8	☐			7563.14	0.0026	P	8.8

$$y = 2.0866\text{E-}004 * x + 3.1933\text{E-}005$$

$$R = 0.9999$$

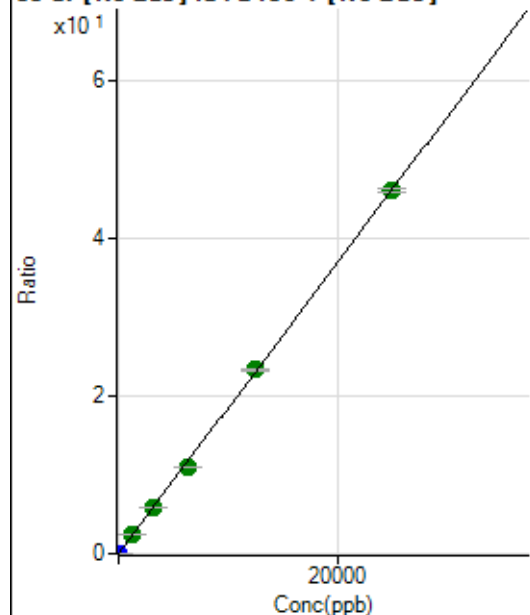
$$DL = 0.03167$$

$$BEC = 0.153$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	34.2
2	☐	1.000	1.040	6130.22	0.0019	P	2.3
3	☐	1250.000	1276.593	7553608.98	2.3530	A	0.4
4	☐	3125.000	3169.986	18776883.33	5.8428	A	0.1
5	☐	6250.000	5934.775	34285180.32	10.9387	A	0.8
6	☐	12500.000	12695.196	70383516.17	23.3992	A	0.9
7	☐	25000.000	24974.255	136814737.9	46.0314	A	0.9
8	☐			66098.10	0.0231	P	8.3

$$y = 0.0018 * x + 2.7371\text{E-}005$$

$$R = 0.9999$$

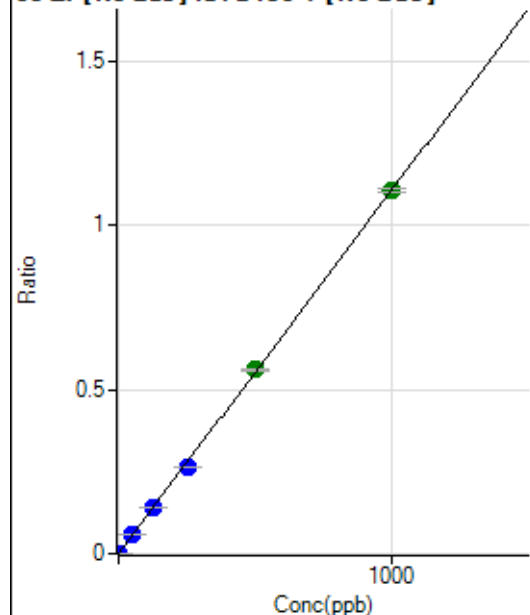
$$DL = 0.01522$$

$$BEC = 0.01485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0000	P	14.3
2	☐	1.000	1.020	3682.72	0.0012	P	0.4
3	☐	50.000	51.268	182271.02	0.0568	P	0.7
4	☐	125.000	128.366	456678.93	0.1421	P	0.6
5	☐	250.000	239.937	832438.32	0.2656	P	0.5
6	☐	500.000	505.960	1684463.19	0.5600	A	0.4
7	☐	1000.000	999.052	3286433.74	1.1057	A	1.2
8	☐			3050.35	0.0011	P	2.5

$$y = 0.0011 * x + 3.8954E-005$$

$$R = 0.9999$$

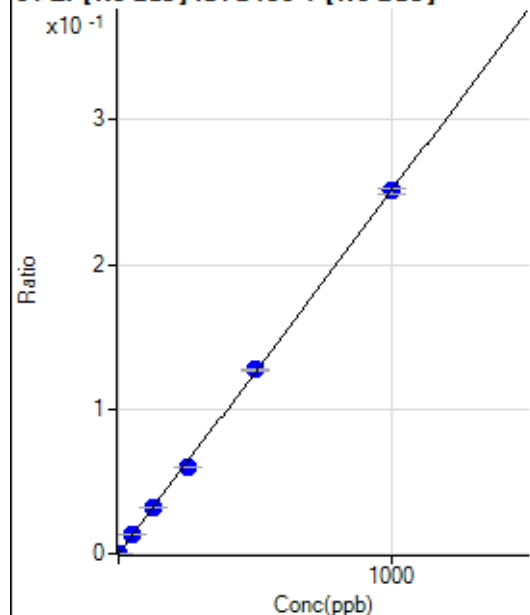
$$DL = 0.01513$$

$$BEC = 0.0352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	37.6
2	☐	1.000	1.022	840.03	0.0003	P	4.5
3	☐	50.000	50.803	40970.36	0.0128	P	1.1
4	☐	125.000	126.397	102004.18	0.0317	P	0.0
5	☐	250.000	236.912	186438.60	0.0595	P	0.7
6	☐	500.000	507.105	382942.66	0.1273	P	0.5
7	☐	1000.000	999.505	745779.27	0.2509	P	1.4
8	☐			711.13	0.0002	P	7.8

$$y = 2.5104E-004 * x + 9.8243E-006$$

$$R = 0.9999$$

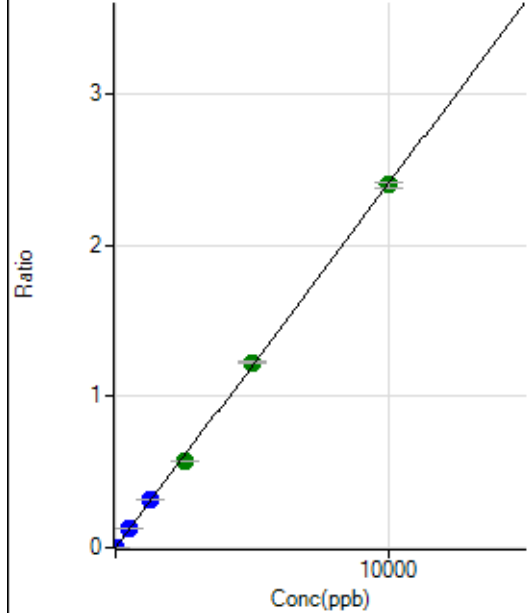
$$DL = 0.04413$$

$$BEC = 0.03913$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	26.3
2	☐	5.000	5.450	4179.52	0.0013	P	3.5
3	☐	500.000	522.546	403900.68	0.1258	P	0.6
4	☐	1250.000	1306.120	1010580.58	0.3145	P	0.6
5	☐	2500.000	2386.835	1801096.80	0.5747	A	1.3
6	☐	5000.000	5099.265	3692836.99	1.2277	A	0.4
7	☐	10000.000	9970.516	7134474.76	2.4005	A	1.6
8	☐			4193.98	0.0015	P	9.0

$$y = 2.4076E-004 * x + 1.4036E-005$$

$$R = 0.9998$$

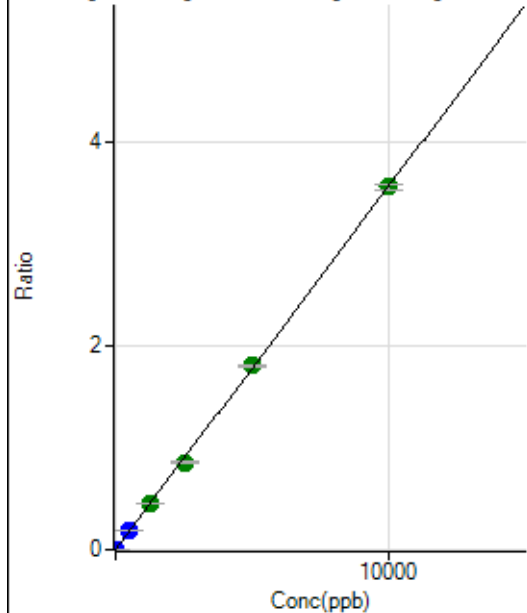
$$DL = 0.04607$$

$$BEC = 0.0583$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	24.8
2	☐	5.000	4.566	5130.95	0.0016	P	1.8
3	☐	500.000	522.311	596828.67	0.1859	P	0.8
4	☐	1250.000	1271.400	1454372.09	0.4526	A	0.5
5	☐	2500.000	2400.666	2678349.98	0.8545	A	0.7
6	☐	5000.000	5062.910	5420746.52	1.8022	A	0.7
7	☐	10000.000	9989.588	10568648.87	3.5559	A	1.5
8	☐			5373.25	0.0019	P	5.4

$$y = 3.5596E-004 * x + 2.4573E-006$$

$$R = 0.9999$$

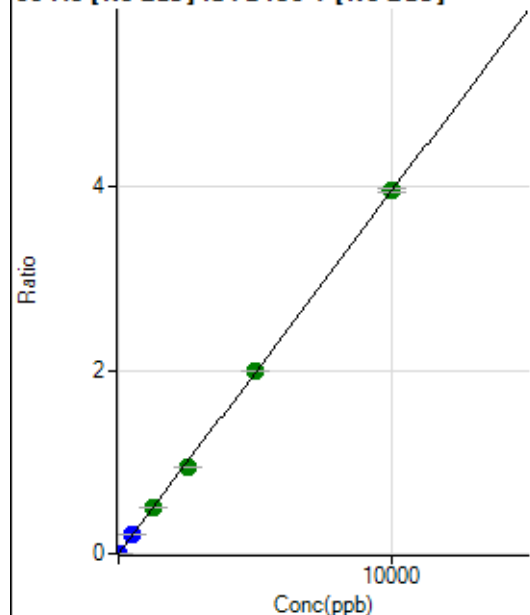
$$DL = 0.005127$$

$$BEC = 0.006903$$

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	30.00	0.0000	P	38.5
2	☐	5.000	4.625	5786.76	0.0018	P	3.4
3	☐	500.000	514.521	652366.96	0.2032	P	0.2
4	☐	1250.000	1260.255	1599661.85	0.4977	A	1.0
5	☐	2500.000	2377.400	2943038.08	0.9390	A	0.6
6	☐	5000.000	5032.312	5978218.59	1.9875	A	0.1
7	☐	10000.000	10012.486	11753027.05	3.9544	A	1.1
8	☐			7723.22	0.0027	P	5.7

$$y = 3.9495E-004 * x + 9.4761E-006$$

$$R = 0.9999$$

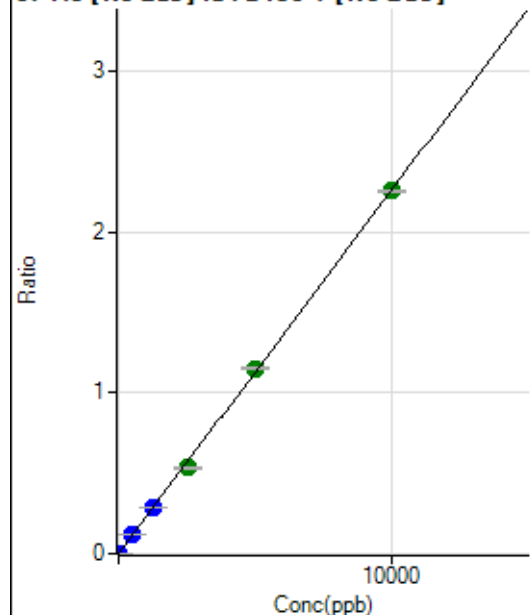
$$DL = 0.02771$$

$$BEC = 0.02399$$

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	4.44	0.0000	P	114.
2	☐	5.000	4.637	3309.30	0.0010	P	3.1
3	☐	500.000	516.189	374681.11	0.1167	P	0.7
4	☐	1250.000	1288.961	936590.72	0.2914	P	0.0
5	☐	2500.000	2361.787	1673806.95	0.5340	A	0.7
6	☐	5000.000	5089.310	3461022.66	1.1507	A	1.3
7	☐	10000.000	9984.219	6709635.73	2.2575	A	0.2
8	☐			3235.95	0.0011	P	8.4

$$y = 2.2610E-004 * x + 1.4032E-006$$

$$R = 0.9998$$

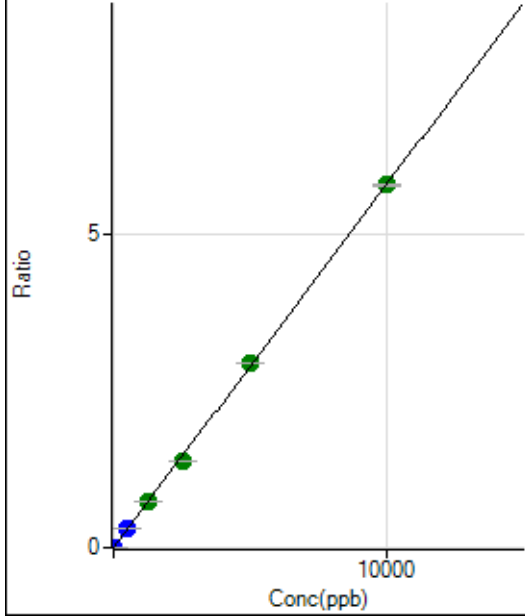
$$DL = 0.02133$$

$$BEC = 0.006206$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	12.4
2	☐	5.000	4.617	8466.97	0.0027	P	1.9
3	☐	500.000	521.734	972746.37	0.3030	P	0.7
4	☐	1250.000	1268.115	2366972.58	0.7365	A	0.6
5	☐	2500.000	2369.702	4313738.69	1.3763	A	0.7
6	☐	5000.000	5071.199	8859426.88	2.9453	A	0.4
7	☐	10000.000	9993.624	17251081.69	5.8043	A	0.3
8	☐			8421.39	0.0029	P	7.8

$$y = 5.8080\text{E-}004 * x + 4.9132\text{E-}006$$

$$R = 0.9999$$

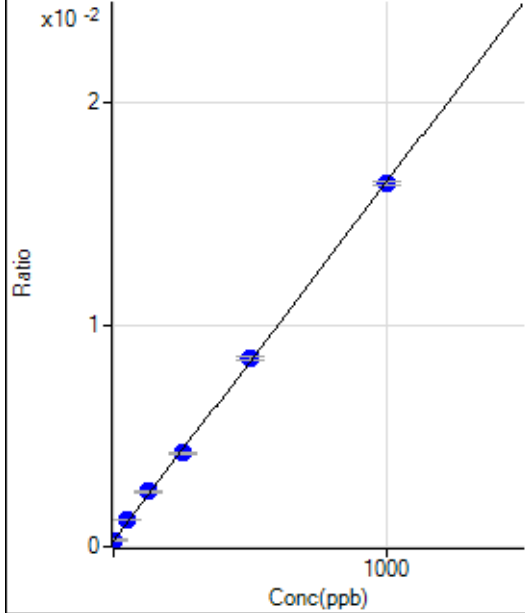
$$DL = 0.003152$$

$$BEC = 0.008459$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	944.48	0.0003	P	2.8
2	☐	1.000	1.523	1028.94	0.0003	P	6.8
3	☐	50.000	56.779	4150.63	0.0012	P	2.1
4	☐	125.000	136.634	8739.37	0.0025	P	4.5
5	☐	250.000	245.422	14852.11	0.0042	P	2.0
6	☐	500.000	508.727	29426.45	0.0085	P	2.4
7	☐	1000.000	994.987	55747.48	0.0163	P	1.1
8	☐			875.59	0.0003	P	3.4

$$y = 1.6144\text{E-}005 * x + 2.7441\text{E-}004$$

$$R = 0.9999$$

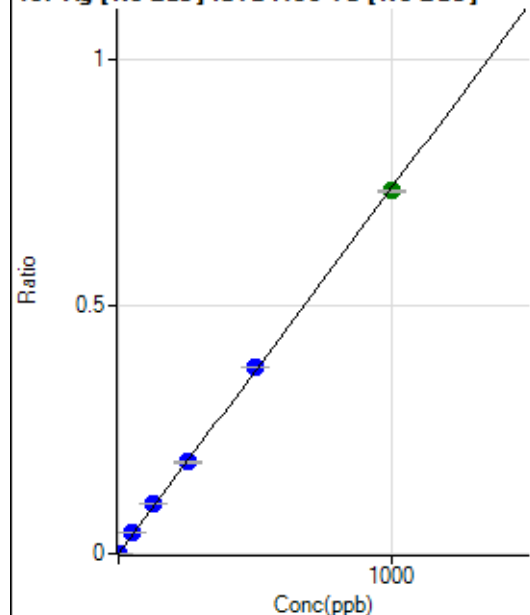
$$DL = 1.448$$

$$BEC = 17$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	59.2
2	☐	1.000	1.078	2758.07	0.0008	P	3.9
3	☐	50.000	55.783	143660.30	0.0412	P	0.5
4	☐	125.000	136.243	354823.17	0.1007	P	0.5
5	☐	250.000	250.212	648230.16	0.1849	P	0.8
6	☐	500.000	511.066	1309502.85	0.3777	P	0.5
7	☐	1000.000	992.719	2503159.05	0.7336	A	0.9
8	☐			1045.61	0.0003	P	11.9

$$y = 7.3895E-004 * x + 4.8230E-006$$

$$R = 0.9999$$

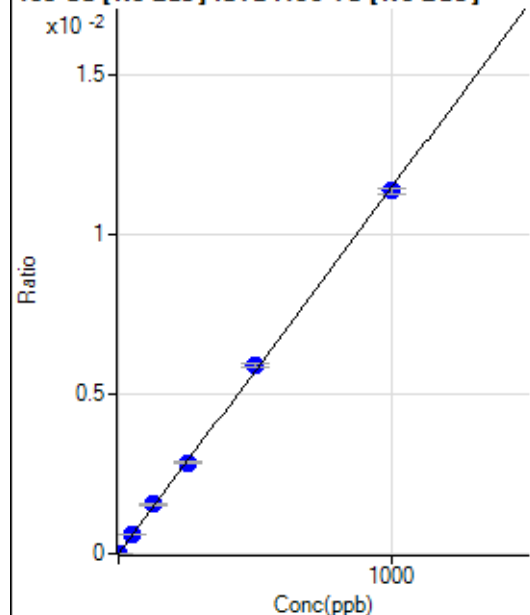
$$DL = 0.01159$$

$$BEC = 0.006527$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.011	42.22	0.0000	P	15.5
3	☐	50.000	53.335	2136.85	0.0006	P	0.7
4	☐	125.000	134.001	5425.51	0.0015	P	2.0
5	☐	250.000	248.457	10005.75	0.0029	P	2.5
6	☐	500.000	515.715	20537.94	0.0059	P	2.2
7	☐	1000.000	991.236	38850.85	0.0114	P	1.4
8	☐			32.22	0.0000	P	6.6

$$y = 1.1485E-005 * x + 6.4486E-007$$

$$R = 0.9998$$

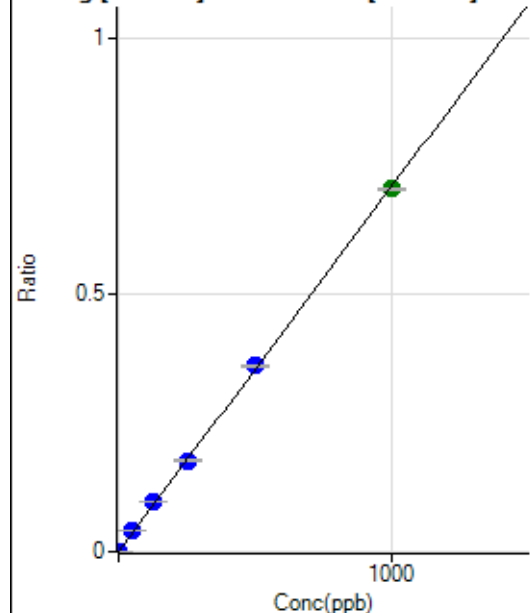
$$DL = 0.1459$$

$$BEC = 0.05615$$

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	6.67	0.0000	P	99.6
2	☐	1.000	1.064	2605.81	0.0008	P	2.7
3	☐	50.000	55.973	138562.22	0.0398	P	0.8
4	☐	125.000	136.572	341883.96	0.0970	P	0.9
5	☐	250.000	249.833	622162.92	0.1775	P	0.9
6	☐	500.000	509.026	1253669.25	0.3616	P	1.2
7	☐	1000.000	993.783	2408915.00	0.7059	A	0.5
8	☐			958.93	0.0003	P	13.8

$$y = 7.1032\text{E-}004 * x + 1.9235\text{E-}006$$

$$R = 0.9999$$

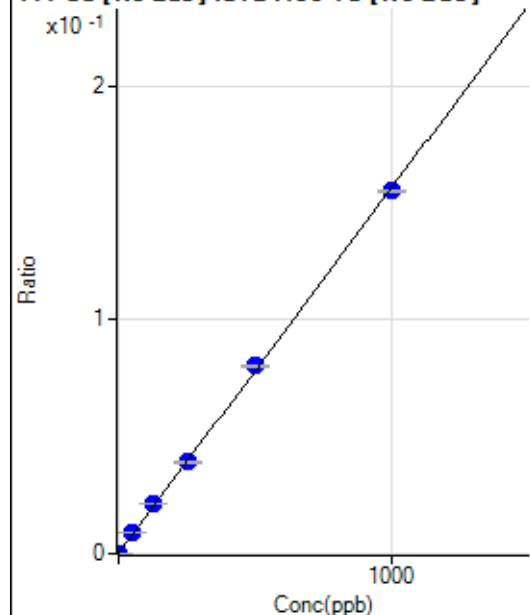
$$DL = 0.008093$$

$$BEC = 0.002708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	661.81	0.0002	P	2.8
2	☐	1.000	1.164	1286.28	0.0004	P	9.3
3	☐	50.000	55.742	30986.54	0.0089	P	1.0
4	☐	125.000	135.548	75229.63	0.0213	P	1.5
5	☐	250.000	249.783	137341.55	0.0392	P	1.3
6	☐	500.000	512.864	278193.08	0.0802	P	1.1
7	☐	1000.000	992.017	528976.78	0.1550	P	0.4
8	☐			859.25	0.0003	P	1.7

$$y = 1.5607\text{E-}004 * x + 1.9228\text{E-}004$$

$$R = 0.9998$$

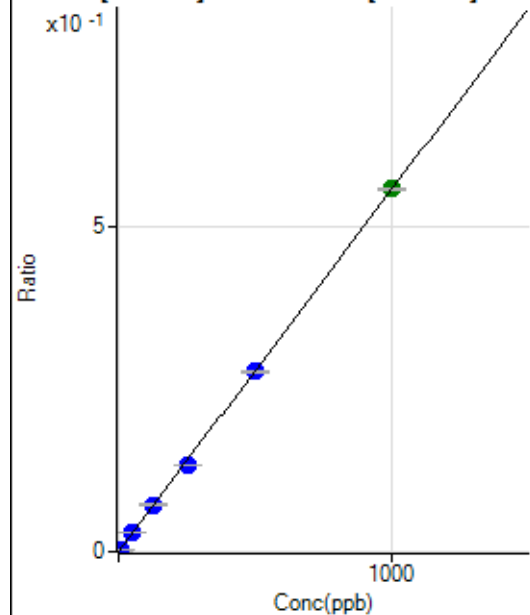
$$DL = 0.1036$$

$$BEC = 1.232$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353.34	0.0001	P	8.2
2	☐	5.000	5.049	10020.32	0.0029	P	2.4
3	☐	50.000	52.853	102853.46	0.0295	P	0.3
4	☐	125.000	129.950	255217.85	0.0724	P	0.6
5	☐	250.000	239.633	467873.47	0.1335	P	1.0
6	☐	500.000	498.226	961673.11	0.2774	P	1.5
7	☐	1000.000	1002.717	1904473.51	0.5581	A	0.5
8	☐			1867.92	0.0006	P	3.2

$$y = 5.5649\text{E-}004 * x + 1.0269\text{E-}004$$

$$R = 0.9999$$

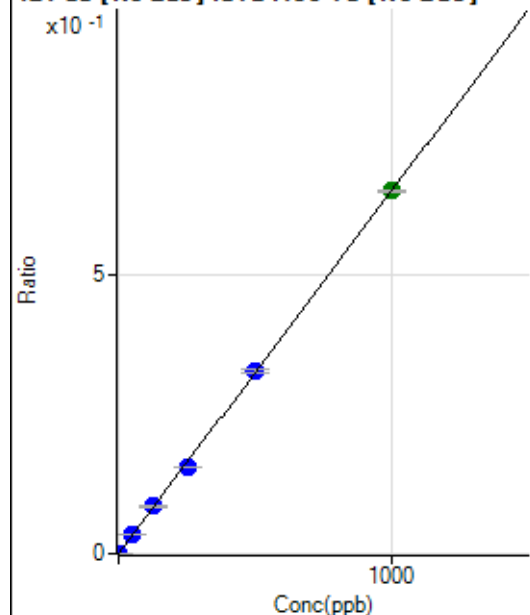
$$DL = 0.04543$$

$$BEC = 0.1845$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	40.9
2	☐	2.000	1.999	4475.18	0.0013	P	0.4
3	☐	50.000	52.085	117776.05	0.0338	P	0.3
4	☐	125.000	130.137	297569.45	0.0844	P	0.9
5	☐	250.000	239.694	545232.87	0.1555	P	0.9
6	☐	500.000	502.831	1131158.34	0.3262	P	1.4
7	☐	1000.000	1000.415	2214990.49	0.6491	A	0.4
8	☐			2147.96	0.0007	P	5.2

$$y = 6.4881\text{E-}004 * x + 3.5411\text{E-}006$$

$$R = 0.9999$$

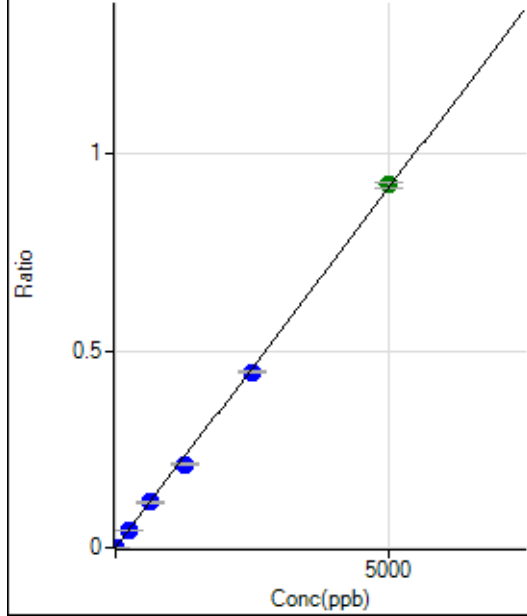
$$DL = 0.006689$$

$$BEC = 0.005458$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	33.2
2	☐	10.000	9.397	5924.61	0.0017	P	3.1
3	☐	250.000	252.924	160967.37	0.0462	P	0.5
4	☐	625.000	630.598	405834.90	0.1152	P	0.8
5	☐	1250.000	1161.814	743808.54	0.2122	P	0.7
6	☐	2500.000	2447.214	1549515.45	0.4469	P	0.7
7	☐	5000.000	5047.595	3145110.61	0.9217	A	1.8
8	☐			2167.96	0.0007	P	5.6

$$y = 1.8261\text{E-}004 * x + 6.1357\text{E-}006$$

$$R = 0.9997$$

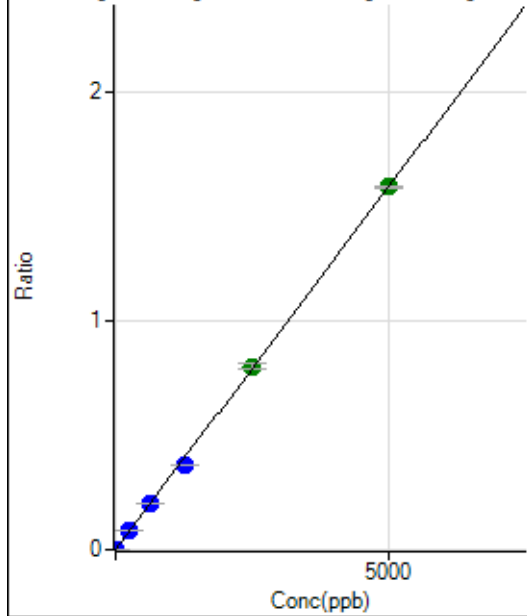
$$DL = 0.03347$$

$$BEC = 0.0336$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	33.7
2	☐	10.000	9.673	10564.00	0.0031	P	0.9
3	☐	250.000	255.768	282091.14	0.0809	P	0.5
4	☐	625.000	634.534	707696.93	0.2008	P	0.9
5	☐	1250.000	1172.513	1300898.04	0.3711	P	0.8
6	☐	2500.000	2530.637	2776684.33	0.8009	A	2.2
7	☐	5000.000	5002.574	5402185.33	1.5831	A	0.5
8	☐			3935.03	0.0012	P	7.8

$$y = 3.1646\text{E-}004 * x + 8.7255\text{E-}006$$

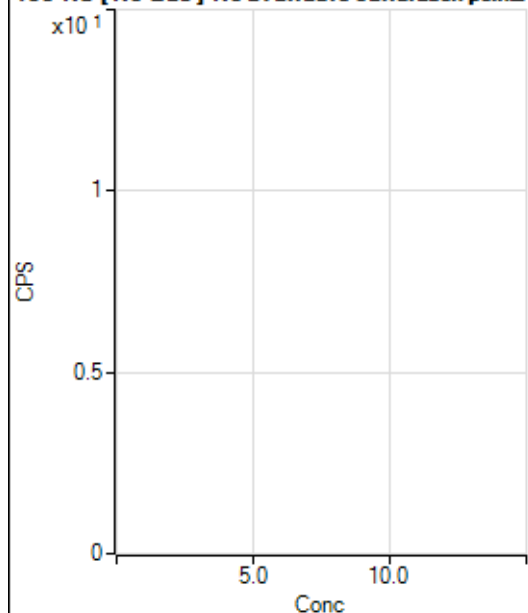
$$R = 0.9998$$

$$DL = 0.02784$$

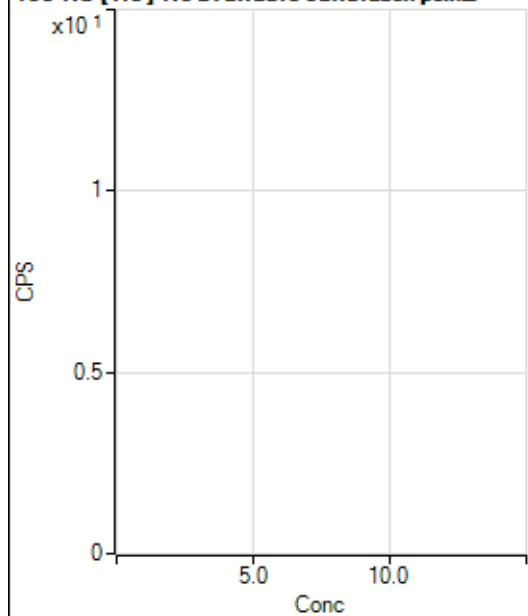
$$BEC = 0.02757$$

Weight: <None>

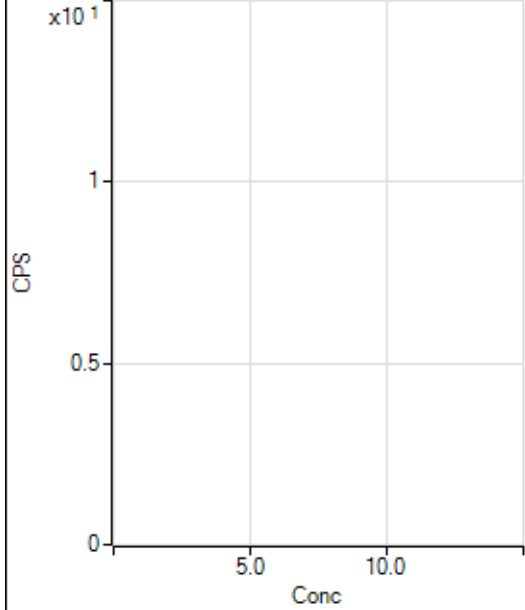
Min Conc: 0

150 Nd [No Gas] No available calibration points

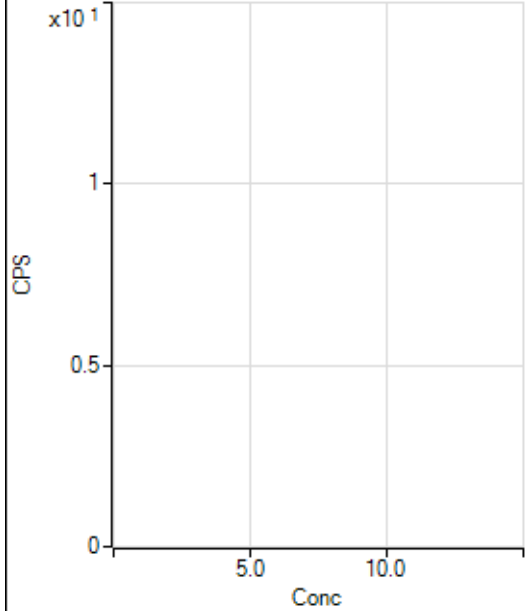
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			6.66		P	86.6
3	☐			25.56		P	30.1
4	☐			46.67		P	55.8
5	☐			68.89		P	10.1
6	☐			157.78		P	12.0
7	☐			283.34		P	10.3
8	☐			43.33		P	26.6

150 Nd [He] No available calibration points

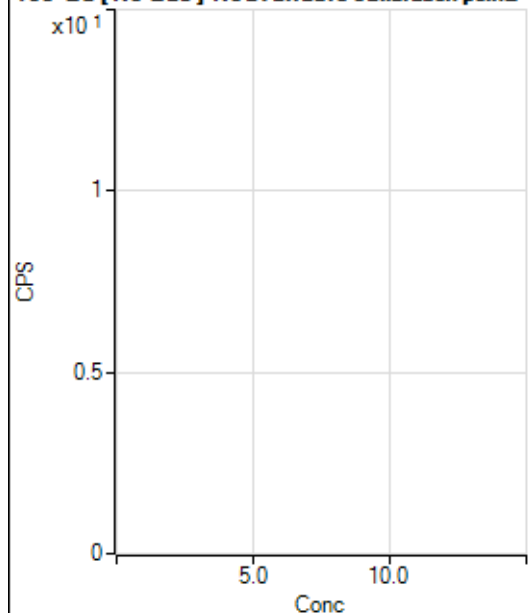
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			4.44		P	173.
4	☐			16.67		P	87.2
5	☐			14.45		P	48.0
6	☐			25.56		P	19.9
7	☐			72.22		P	13.3
8	☐			27.78		P	34.6

156 Dy [No Gas] No available calibration points

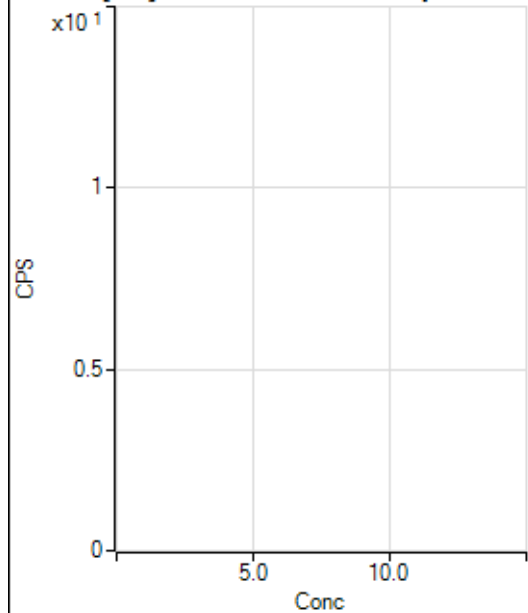
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.22		P	5.2
2	☐			124.45		P	7.7
3	☐			142.23		P	7.2
4	☐			141.11		P	11.7
5	☐			157.78		P	4.4
6	☐			162.23		P	4.7
7	☐			184.45		P	19.3
8	☐			194.45		P	19.7

156 Dy [He] No available calibration points

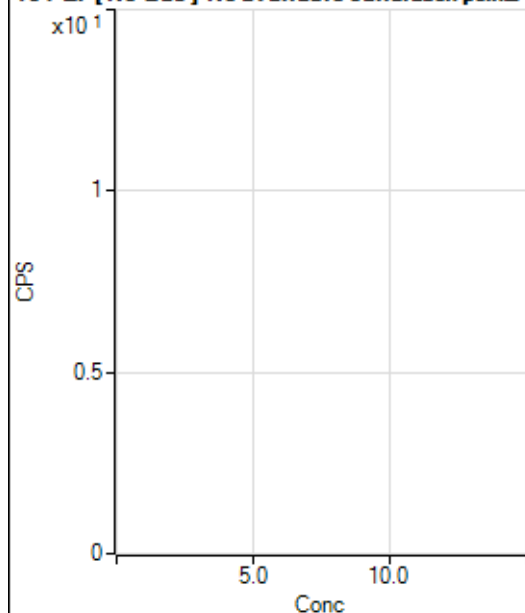
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			32.22		P	15.8
3	☐			41.11		P	16.9
4	☐			46.67		P	28.6
5	☐			64.44		P	19.6
6	☐			113.34		P	12.8
7	☐			182.23		P	13.7
8	☐			101.11		P	10.6

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

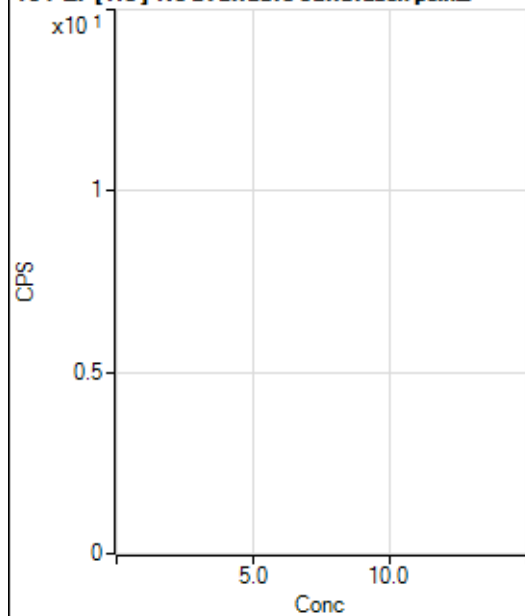
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			11.11		P	69.3
3	☐			12.22		P	15.7
4	☐			11.11		P	75.5
5	☐			11.11		P	34.6
6	☐			30.00		P	11.1
7	☐			24.44		P	34.3
8	☐			75.56		P	25.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			115.56		P	13.6
2	☐			141.11		P	15.2
3	☐			132.23		P	13.9
4	☐			155.56		P	4.5
5	☐			134.45		P	9.4
6	☐			117.78		P	38.2
7	☐			157.78		P	4.4
8	☐			193.34		P	5.2

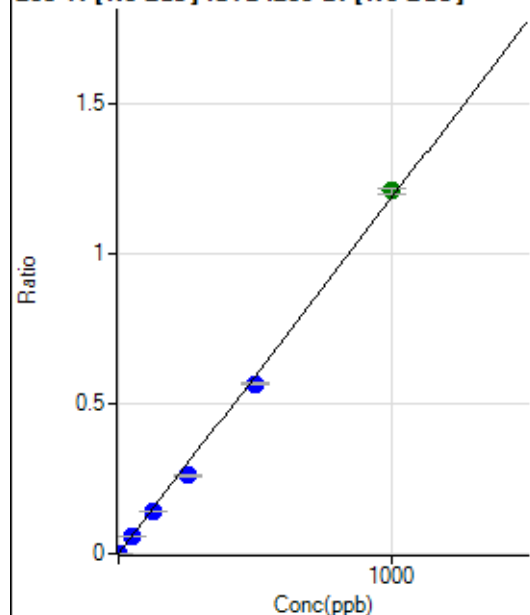
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	45.1
2	☐			27.78		P	25.0
3	☐			16.67		P	20.0
4	☐			28.89		P	17.6
5	☐			24.44		P	20.8
6	☐			32.22		P	15.8
7	☐			51.11		P	38.2
8	☐			138.89		P	18.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	37.8
2	☐			16.67		P	52.9
3	☐			15.56		P	49.5
4	☐			13.33		P	25.0
5	☐			20.00		P	33.4
6	☐			21.11		P	24.1
7	☐			27.78		P	13.9
8	☐			85.55		P	27.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	29.2
2	☐	1.000	0.894	2368.01	0.0011	P	6.0
3	☐	50.000	47.069	124815.96	0.0558	P	0.6
4	☐	125.000	118.135	318021.07	0.1401	P	0.9
5	☐	250.000	219.068	594334.04	0.2598	P	0.9
6	☐	500.000	477.655	1263282.39	0.5664	P	1.4
7	☐	1000.000	1019.910	2686180.83	1.2094	A	1.3
8	☐			1055.61	0.0005	P	15.8

$$y = 0.0012 * x + 1.3701E-005$$

$$R = 0.9991$$

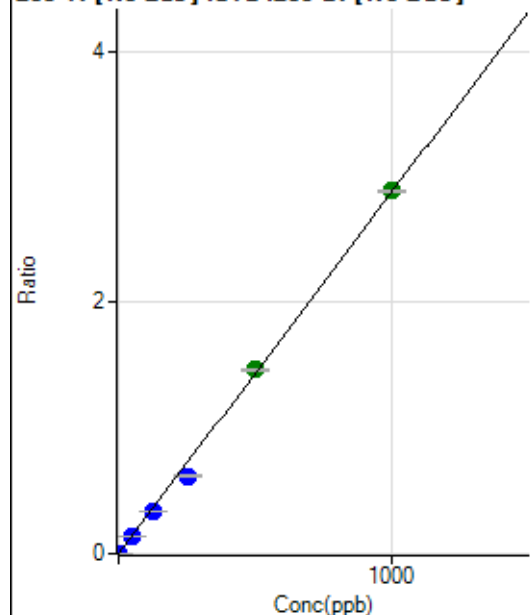
$$DL = 0.01012$$

$$BEC = 0.01156$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0000	P	17.3
2	☐	1.000	0.879	5671.23	0.0026	P	3.4
3	☐	50.000	46.401	298140.78	0.1333	P	1.1
4	☐	125.000	116.319	758685.20	0.3342	P	0.5
5	☐	250.000	215.670	1417625.13	0.6196	P	0.8
6	☐	500.000	509.755	3266716.76	1.4644	A	1.1
7	☐	1000.000	1004.970	6412146.09	2.8871	A	0.2
8	☐			2315.78	0.0012	P	16.1

$$y = 0.0029 * x + 4.7236E-005$$

$$R = 0.9993$$

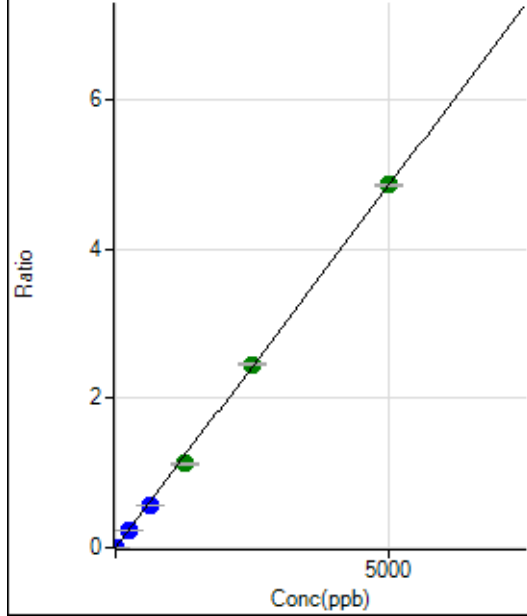
$$DL = 0.008511$$

$$BEC = 0.01644$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0001	P	7.8
2	☐	1.000	0.878	2019.06	0.0009	P	3.6
3	☐	250.000	232.983	505918.86	0.2263	P	0.6
4	☐	625.000	585.349	1290378.05	0.5684	P	0.8
5	☐	1250.000	1164.970	2587988.62	1.1312	A	2.3
6	☐	2500.000	2533.453	5487212.97	2.4600	A	0.5
7	☐	5000.000	5010.338	10805183.17	4.8649	A	0.6
8	☐			4757.56	0.0024	P	7.0

$$y = 9.7096\text{E-}004 * x + 6.2967\text{E-}005$$

$$R = 0.9998$$

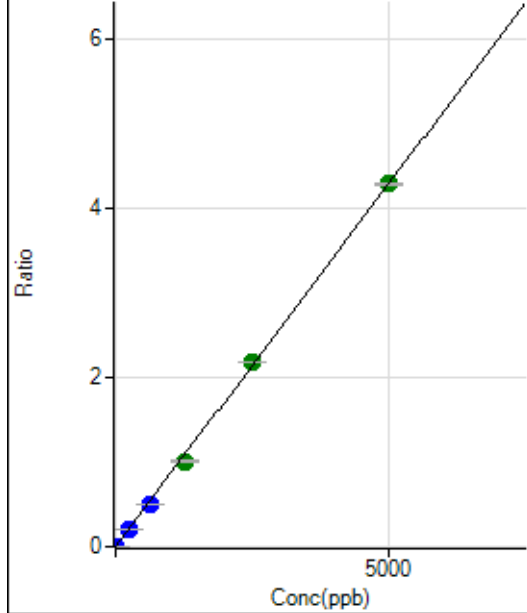
$$DL = 0.01525$$

$$BEC = 0.06485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0001	P	14.7
2	☐	1.000	0.921	1853.48	0.0008	P	1.7
3	☐	250.000	229.594	440161.66	0.1969	P	1.0
4	☐	625.000	576.280	1121594.18	0.4941	P	0.2
5	☐	1250.000	1178.773	2312102.48	1.0105	A	0.4
6	☐	2500.000	2543.416	4863717.08	2.1803	A	0.8
7	☐	5000.000	5003.209	9525613.61	4.2890	A	0.4
8	☐			4231.82	0.0022	P	7.8

$$y = 8.5723\text{E-}004 * x + 5.1247\text{E-}005$$

$$R = 0.9998$$

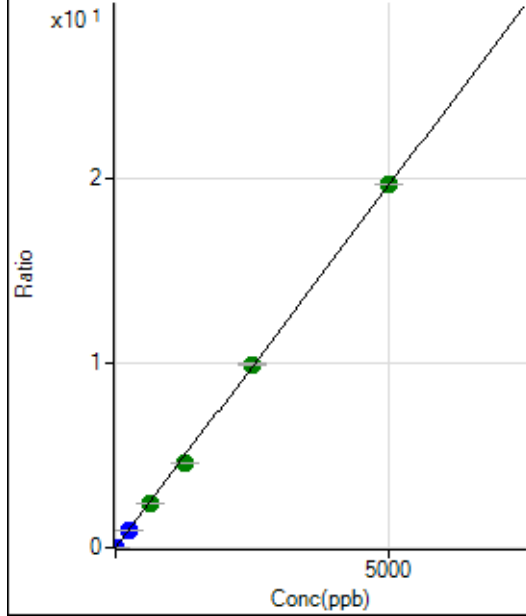
$$DL = 0.02641$$

$$BEC = 0.05978$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	556.67	0.0003	P	10.6
2	☐	1.000	0.888	8222.17	0.0037	P	1.7
3	☐	250.000	230.985	2021933.98	0.9043	P	0.6
4	☐	625.000	604.026	5367723.92	2.3644	A	0.2
5	☐	1250.000	1165.100	10433997.97	4.5605	A	1.2
6	☐	2500.000	2529.604	22086049.74	9.9013	A	0.6
7	☐	5000.000	5009.996	43553041.99	19.6096	A	0.1
8	☐			19203.32	0.0098	P	7.0

$$y = 0.0039 * x + 2.5441E-004$$

$$R = 0.9998$$

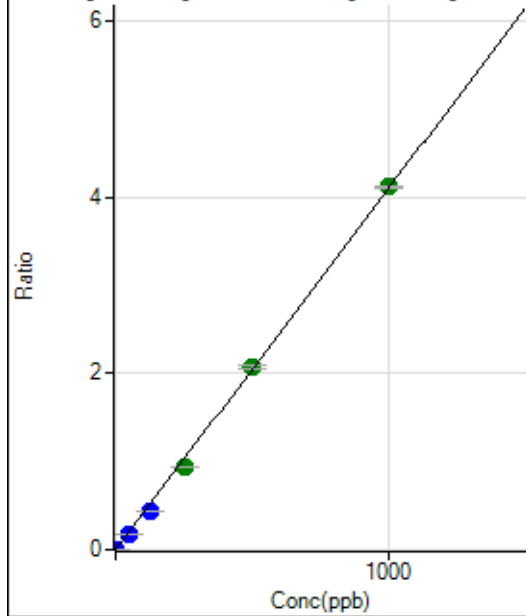
$$DL = 0.02059$$

$$BEC = 0.065$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.6
2	☐	1.000	0.817	7388.80	0.0034	P	2.1
3	☐	50.000	42.767	391742.55	0.1752	P	0.6
4	☐	125.000	108.206	1006387.29	0.4433	P	0.3
5	☐	250.000	228.123	2138246.25	0.9346	A	1.0
6	☐	500.000	505.787	4621738.51	2.0721	A	2.0
7	☐	1000.000	1005.037	9145026.88	4.1174	A	0.4
8	☐			3004.81	0.0015	P	8.8

$$y = 0.0041 * x + 2.5382E-006$$

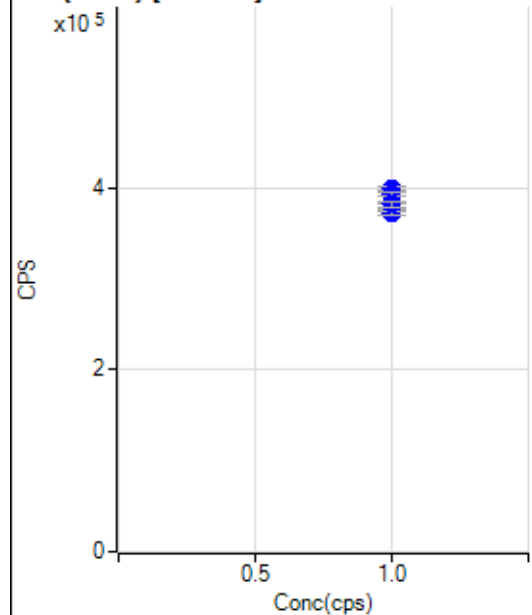
$$R = 0.9996$$

$$DL = 0.0006437$$

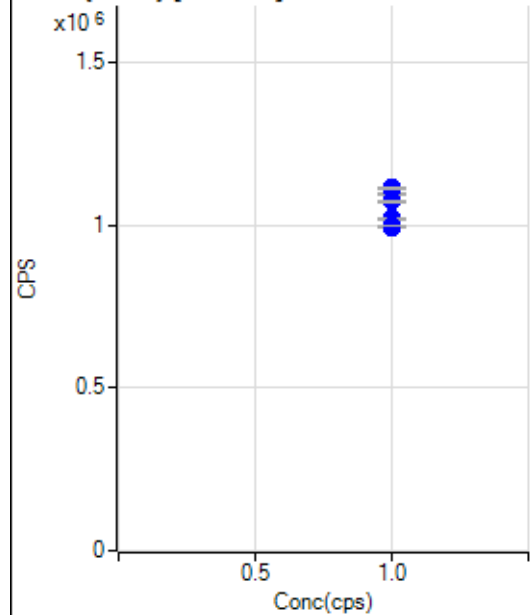
$$BEC = 0.0006196$$

Weight: <None>

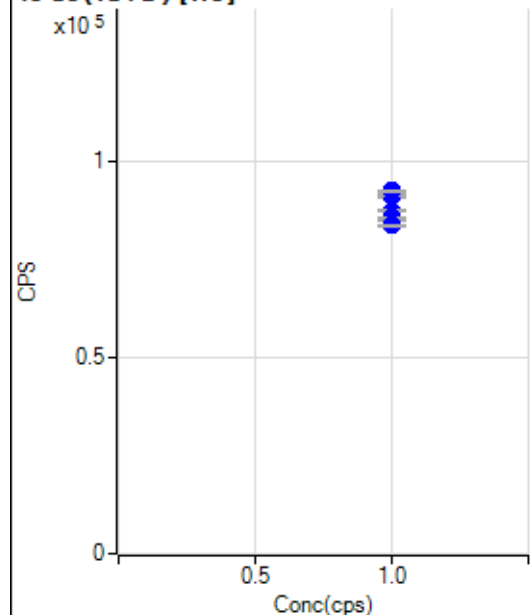
Min Conc: 0

6 Li (ISTD) [No Gas]

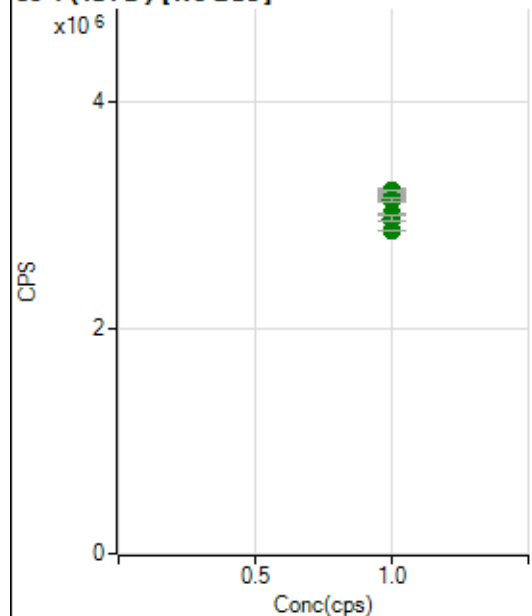
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		383127.46		P	0.4
2	☐	1.000		383491.13		P	1.1
3	☐	1.000		393317.67		P	0.8
4	☐	1.000		398676.68		P	0.9
5	☐	1.000		393061.57		P	0.7
6	☐	1.000		377224.54		P	0.4
7	☐	1.000		371544.60		P	1.1
8	☐	1.000		381592.07		P	2.1

45 Sc (ISTD) [No Gas]

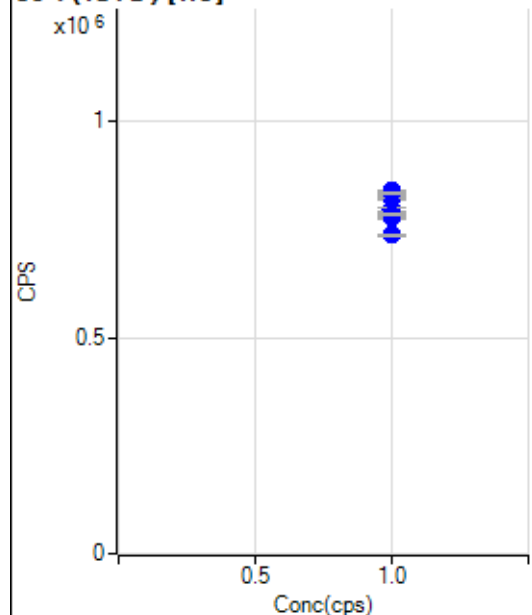
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1101378.96		P	0.3
2	☐	1.000		1097831.67		P	0.5
3	☐	1.000		1116075.77		P	0.5
4	☐	1.000		1114253.29		P	0.2
5	☐	1.000		1076175.50		P	0.6
6	☐	1.000		1020558.94		P	0.2
7	☐	1.000		995116.56		P	0.8
8	☐	1.000		998747.46		P	0.3

45 Sc (ISTD) [He]

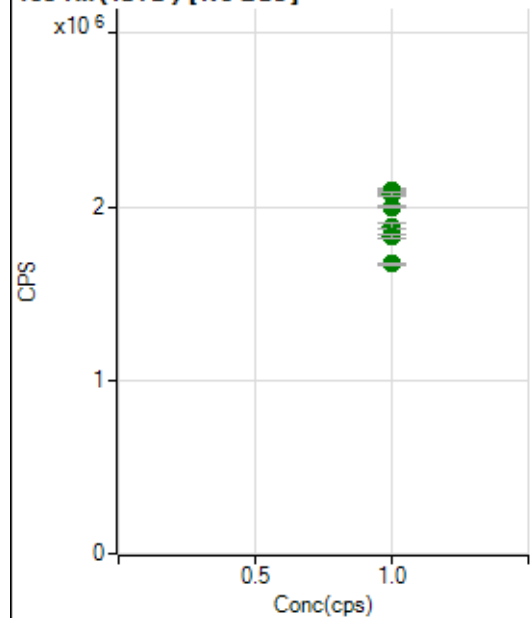
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		91074.57		P	1.6
2	☐	1.000		91052.29		P	0.3
3	☐	1.000		92258.43		P	0.4
4	☐	1.000		92256.00		P	0.5
5	☐	1.000		87271.22		P	0.5
6	☐	1.000		84690.09		P	0.4
7	☐	1.000		85416.49		P	0.7
8	☐	1.000		83396.50		P	0.6

89 Y (ISTD) [No Gas]

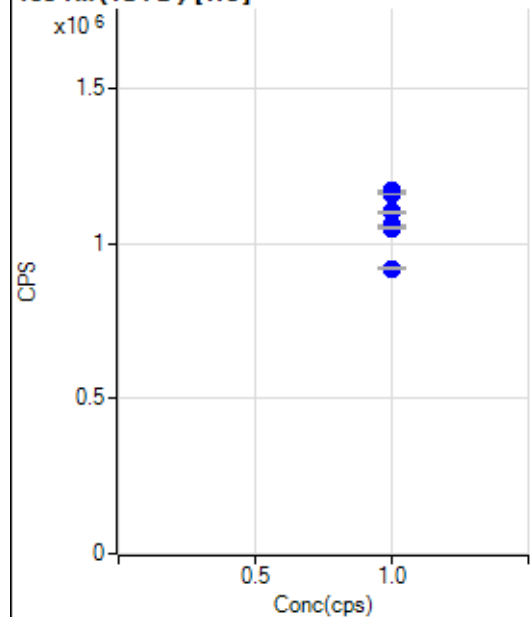
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3166337.45		A	0.0
2	☐	1.000		3152024.23		A	0.7
3	☐	1.000		3210254.99		A	1.2
4	☐	1.000		3213678.42		A	0.8
5	☐	1.000		3134331.13		A	0.7
6	☐	1.000		3007920.02		A	0.7
7	☐	1.000		2972234.92		A	1.5
8	☐	1.000		2864158.08		A	0.2

89 Y (ISTD) [He]

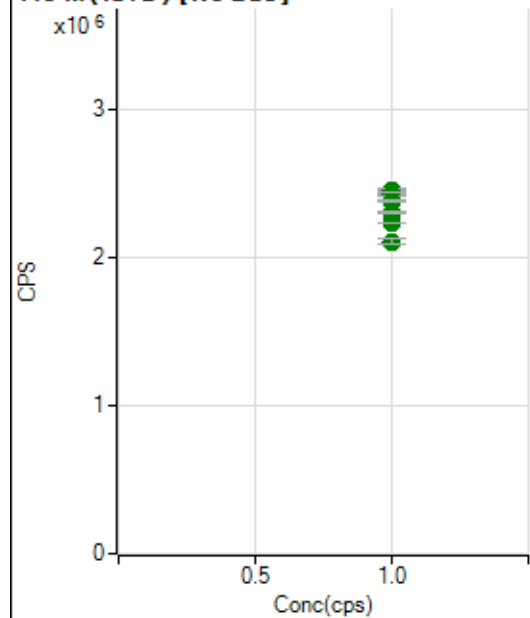
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		823351.06		P	0.8
2	☐	1.000		825821.28		P	0.5
3	☐	1.000		839324.12		P	0.6
4	☐	1.000		834386.20		P	0.6
5	☐	1.000		796132.04		P	0.7
6	☐	1.000		777211.59		P	0.3
7	☐	1.000		784984.94		P	0.3
8	☐	1.000		737050.15		P	0.8

103 Rh (ISTD) [No Gas]

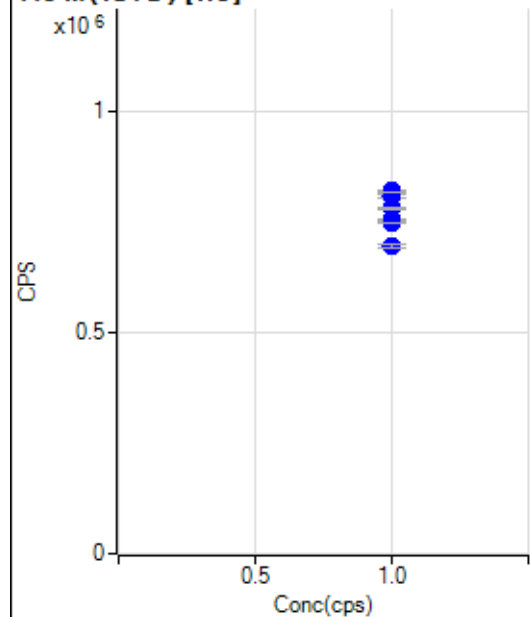
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2092217.47		A	1.0
2	☐	1.000		2087250.65		A	0.6
3	☐	1.000		2073859.59		A	0.0
4	☐	1.000		2071534.40		A	1.1
5	☐	1.000		1998326.93		A	0.5
6	☐	1.000		1890216.60		A	1.3
7	☐	1.000		1834271.78		A	1.2
8	☐	1.000		1669015.74		A	0.7

103 Rh (ISTD) [He]

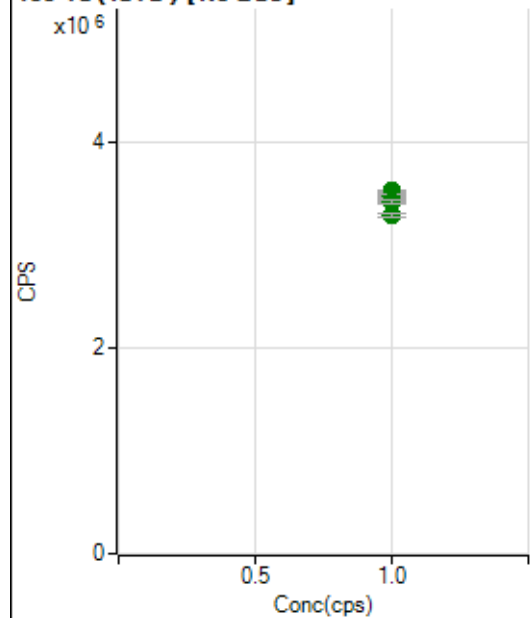
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1158745.63		P	0.5
2	☐	1.000		1163088.15		P	0.4
3	☐	1.000		1169417.57		P	0.5
4	☐	1.000		1160024.72		P	0.3
5	☐	1.000		1101777.06		P	0.5
6	☐	1.000		1059478.80		P	0.1
7	☐	1.000		1049887.70		P	0.4
8	☐	1.000		918035.33		P	0.7

115 In (ISTD) [No Gas]

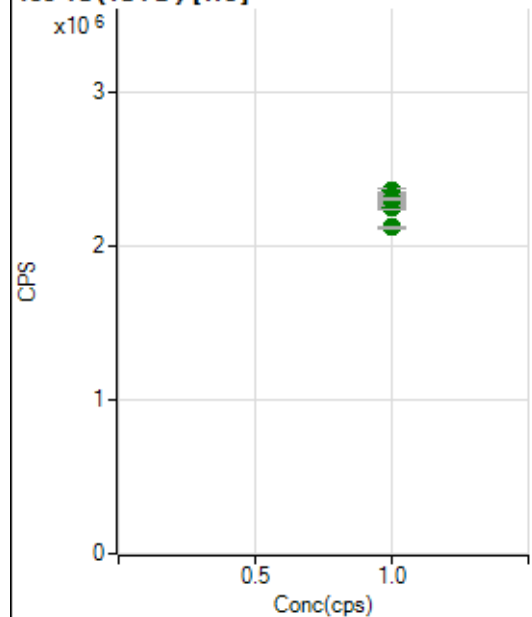
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2447682.75		A	1.1
2	☐	1.000		2440345.35		A	0.4
3	☐	1.000		2452636.73		A	1.4
4	☐	1.000		2430608.78		A	0.9
5	☐	1.000		2384515.03		A	0.8
6	☐	1.000		2306792.66		A	0.5
7	☐	1.000		2236721.84		A	0.4
8	☐	1.000		2110554.18		A	1.4

115 In (ISTD) [He]

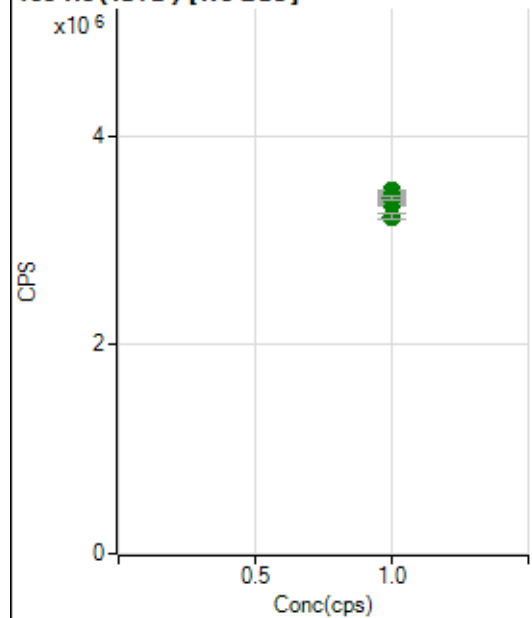
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		809426.50		P	0.6
2	☐	1.000		814068.20		P	0.4
3	☐	1.000		821103.08		P	0.4
4	☐	1.000		819221.57		P	0.1
5	☐	1.000		782432.40		P	0.4
6	☐	1.000		755589.97		P	0.4
7	☐	1.000		749017.20		P	0.4
8	☐	1.000		695722.99		P	0.8

159 Tb (ISTD) [No Gas]

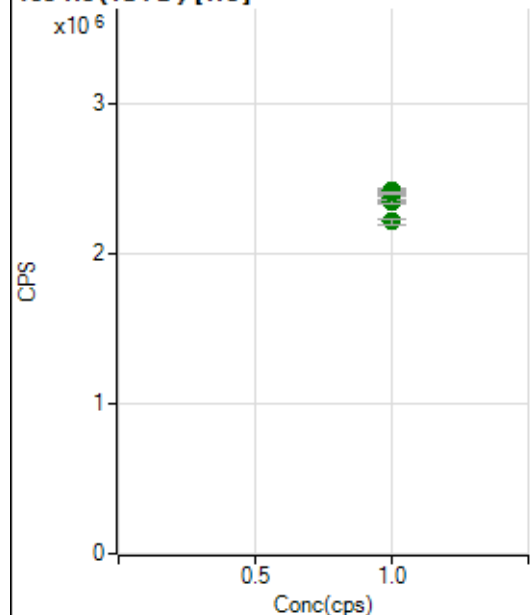
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3442456.16		A	1.0
2	☐	1.000		3441016.62		A	0.9
3	☐	1.000		3484835.89		A	0.7
4	☐	1.000		3524311.37		A	0.8
5	☐	1.000		3505928.77		A	0.4
6	☐	1.000		3467554.81		A	1.1
7	☐	1.000		3412450.54		A	1.0
8	☐	1.000		3290994.64		A	1.3

159 Tb (ISTD) [He]

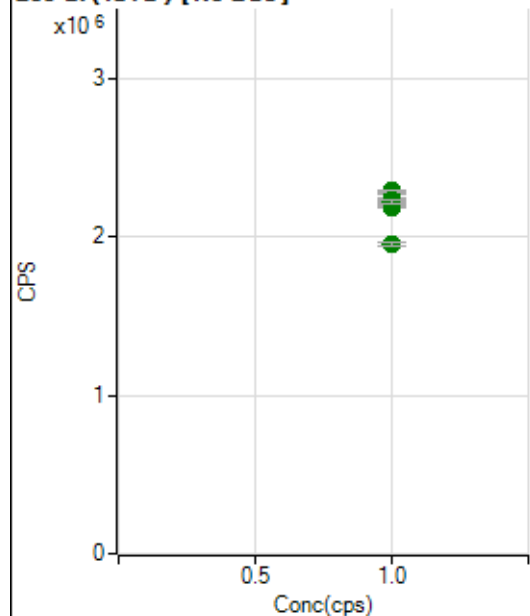
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2262044.31		A	1.0
2	☐	1.000		2290222.88		A	0.4
3	☐	1.000		2340177.48		A	1.1
4	☐	1.000		2362523.21		A	1.4
5	☐	1.000		2333406.77		A	0.5
6	☐	1.000		2255388.32		A	0.8
7	☐	1.000		2307916.89		A	0.7
8	☐	1.000		2122583.72		A	0.9

165 Ho (ISTD) [No Gas]

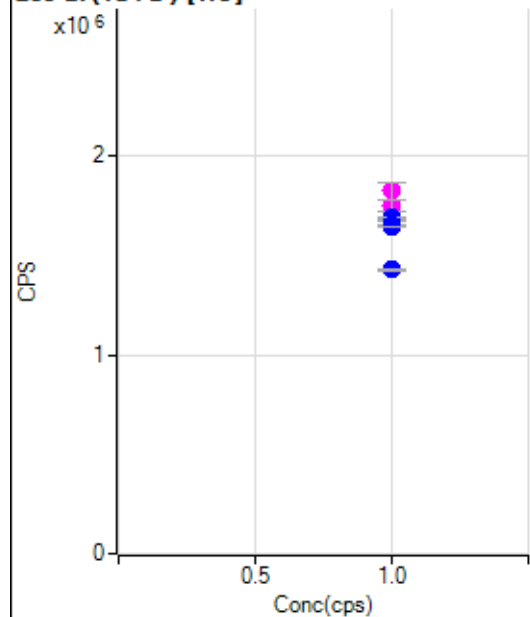
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3350557.31		A	0.5
2	☐	1.000		3355119.74		A	0.6
3	☐	1.000		3400959.84		A	1.4
4	☐	1.000		3475591.51		A	0.8
5	☐	1.000		3473087.97		A	0.8
6	☐	1.000		3423308.11		A	1.1
7	☐	1.000		3404454.74		A	0.9
8	☐	1.000		3232811.48		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2345911.08		A	0.7
2	☐	1.000		2348160.68		A	0.2
3	☐	1.000		2412461.32		A	0.4
4	☐	1.000		2416281.06		A	1.2
5	☐	1.000		2368060.71		A	1.0
6	☐	1.000		2341278.73		A	0.9
7	☐	1.000		2401442.94		A	1.0
8	☐	1.000		2213145.54		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2188683.21		A	0.6
2	☐	1.000		2205056.17		A	0.2
3	☐	1.000		2235859.79		A	1.0
4	☐	1.000		2270184.26		A	0.5
5	☐	1.000		2287988.23		A	0.5
6	☐	1.000		2230707.90		A	1.3
7	☐	1.000		2221006.37		A	0.9
8	☐	1.000		1952069.50		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1681029.63		P	0.5
2	☐	1.000		1684662.56		P	0.3
3	☐	1.000		1748543.15		M	3.4
4	☐	1.000		1824255.15		M	4.5
5	☐	1.000		1691310.13		P	0.3
6	☐	1.000		1652600.24		P	0.1
7	☐	1.000		1644907.58		P	0.4
8	☐	1.000		1426370.00		P	1.0