Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
Data File : BG059692.D
Acq On : 14 Nov 2023 22:05
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111423

Quant Time: Nov 15 08:16:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 08:14:53 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	89	0.00
2		1,4-Dioxane	40.000	33.790	15.5	78	0.00
3		Pyridine	40.000	34.865	12.8	79	0.00
4		n-Nitrosodimethylamine	40.000	39.748	0.6	93	0.00
5	S	2-Fluorophenol	80.000	78.040	2.4	88	0.00
6		Aniline	40.000	36.094	9.8	80	0.00
7	S	Phenol-d6	80.000	74.962	6.3	79	0.00
8		2-Chlorophenol	40.000	40.080	-0.2	87	0.00
9		Benzaldehyde	40.000	39.476	1.3	90	0.00
10	C	Phenol	40.000	38.698	3.3	82	0.00
11		bis(2-Chloroethyl)ether	40.000	37.891	5.3	85	0.00
12		1,3-Dichlorobenzene	40.000	36.676	8.3	83	0.00
13	C	1,4-Dichlorobenzene	40.000	35.717	10.7	82	0.00
14		1,2-Dichlorobenzene	40.000	36.900	7.8	83	0.00
15		Benzyl Alcohol	40.000	39.176	2.1	86	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	35.891	10.3	84	-0.01
17		2-Methylphenol	40.000	38.958	2.6	90	0.00
18		Hexachloroethane	40.000	37.432	6.4	86	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.811	3.0	87	-0.01
20		3+4-Methylphenols	40.000	37.062	7.3	81	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	85	0.00
22		Acetophenone	40.000	41.286	-3.2	84	0.00
23	S	Nitrobenzene-d5	80.000	85.970	-7.5	87	0.00
24		Nitrobenzene	40.000	42.011	-5.0	85	0.00
25		Isophorone	40.000	40.846	-2.1	85	0.00
26	C	2-Nitrophenol	40.000	41.149	-2.9	85	0.00
27		2,4-Dimethylphenol	40.000	40.563	-1.4	84	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.878	-2.2	85	0.00
29	C	2,4-Dichlorophenol	40.000	40.089	-0.2	81	0.00
30		1,2,4-Trichlorobenzene	40.000	40.210	-0.5	81	0.00
31		Naphthalene	40.000	41.126	-2.8	87	0.00
32		Benzoic acid	40.000	42.765	-6.9	91	0.00
33		4-Chloroaniline	40.000	41.021	-2.6	88	0.00
34	C	Hexachlorobutadiene	40.000	42.753	-6.9	87	0.00
35		Caprolactam	40.000	40.234	-0.6	79	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.513	-1.3	83	0.00
37		2-Methylnaphthalene	40.000	40.596	-1.5	84	0.00
38		1-Methylnaphthalene	40.000	41.226	-3.1	82	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.887	2.8	85	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.597	1.0	85	0.00
42	S	2,4,6-Tribromophenol	80.000	88.328	-10.4	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.354	-3.4	88	0.00
44		2,4,5-Trichlorophenol	40.000	41.460	-3.7	88	0.00
45	S	2-Fluorobiphenyl	80.000	81.000	-1.3	86	0.00
46		1,1'-Biphenyl	40.000	41.378	-3.4	87	0.00
47		2-Chloronaphthalene	40.000	39.313	1.7	83	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.286	-5.7	94	0.00
49		Acenaphthylene	40.000	40.417	-1.0	90	0.00
50		Dimethylphthalate	40.000	40.253	-0.6	94	0.00
51		2,6-Dinitrotoluene	40.000	40.992	-2.5	95	0.00
52	C	Acenaphthene	40.000	40.166	-0.4	89	0.00
53		3-Nitroaniline	40.000	40.770	-1.9	97	0.00
54	P	2,4-Dinitrophenol	40.000	41.998	-5.0	99	0.00
55		Dibenzofuran	40.000	40.325	-0.8	90	0.00
56	P	4-Nitrophenol	40.000	41.050	-2.6	96	0.00
57		2,4-Dinitrotoluene	40.000	43.973	-9.9	101	0.00
58		Fluorene	40.000	40.158	-0.4	91	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.088	-5.2	99	0.00
60		Diethylphthalate	40.000	40.671	-1.7	92	0.00
61		4-Chlorophenyl-phenylether	40.000	40.296	-0.7	89	0.00
62		4-Nitroaniline	40.000	39.867	0.3	88	0.00
63		Azobenzene	40.000	39.694	0.8	90	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	86	0.00
65		4,6-Dinitro-2-methylphenol	40.000	44.491	-11.2	89	0.00
66	c	n-Nitrosodiphenylamine	40.000	43.209	-8.0	92	0.00
67		4-Bromophenyl-phenylether	40.000	42.781	-7.0	90	0.00
68		Hexachlorobenzene	40.000	43.499	-8.7	94	0.00
69		Atrazine	40.000	38.897	2.8	85	0.00
70	C	Pentachlorophenol	40.000	43.347	-8.4	85	0.00
71		Phenanthrene	40.000	42.504	-6.3	87	0.00
72		Anthracene	40.000	41.566	-3.9	84	0.00
73		Carbazole	40.000	41.799	-4.5	87	0.00
74		Di-n-butylphthalate	40.000	43.600	-9.0	89	0.00
75	C	Fluoranthene	40.000	41.230	-3.1	87	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	63	0.00
77		Benzidine	40.000	56.654	-41.6#	88	0.00
78		Pyrene	40.000	49.354	-23.4	89	0.00
79	S	Terphenyl-d14	80.000	115.869	-44.8#	91	0.00
80		Butylbenzylphthalate	40.000	45.386	-13.5	71	0.00
81		Benzo(a)anthracene	40.000	40.783	-2.0	62	0.00
82		3,3'-Dichlorobenzidine	40.000	42.625	-6.6	63	0.00
83		Chrysene	40.000	39.717	0.7	64	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.242	-3.1	63	0.00
85	c	Di-n-octyl phthalate	40.000	62.045	-55.1#	91	0.00
86	I	Perylene-d12	20.000	20.000	0.0	97	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.195	-5.5	96	0.00
88		Benzo(b)fluoranthene	40.000	39.816	0.5	91	0.00
89		Benzo(k)fluoranthene	40.000	40.595	-1.5	97	0.00
90	C	Benzo(a)pyrene	40.000	39.527	1.2	93	0.00
91		Dibenzo(a,h)anthracene	40.000	41.710	-4.3	98	0.00
92		Benzo(g,h,i)perylene	40.000	39.999	0.0	93	0.00

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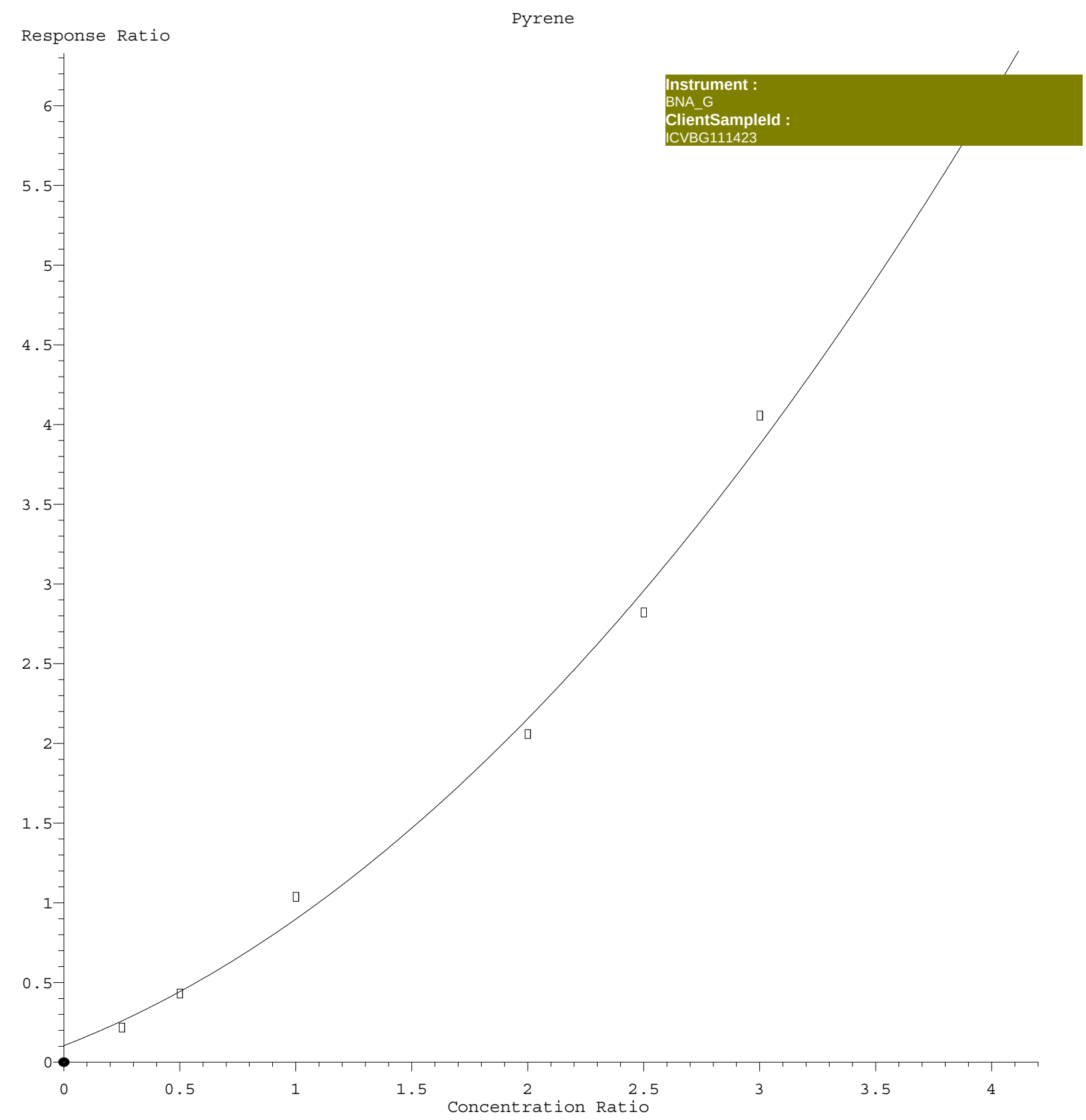
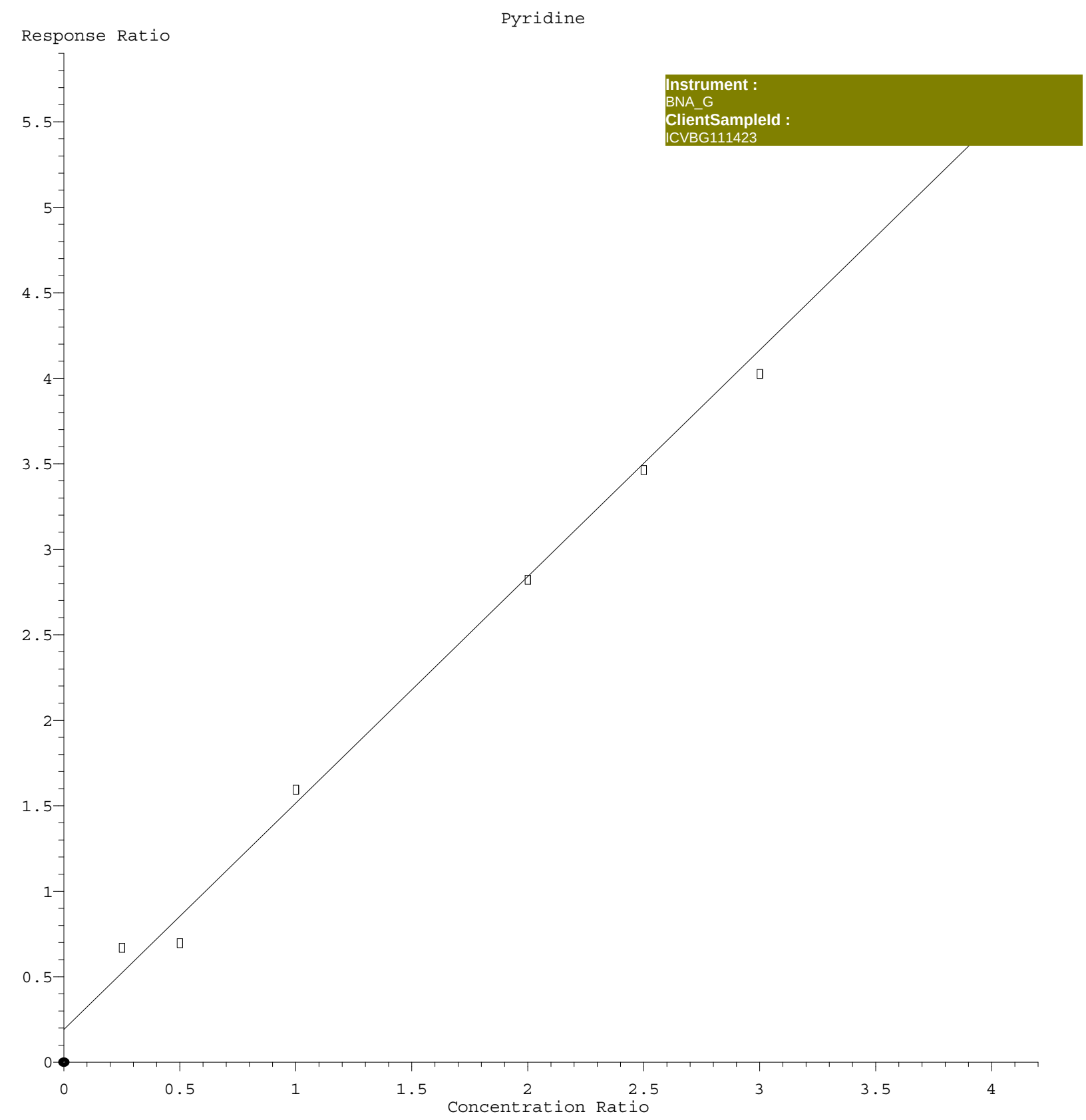
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

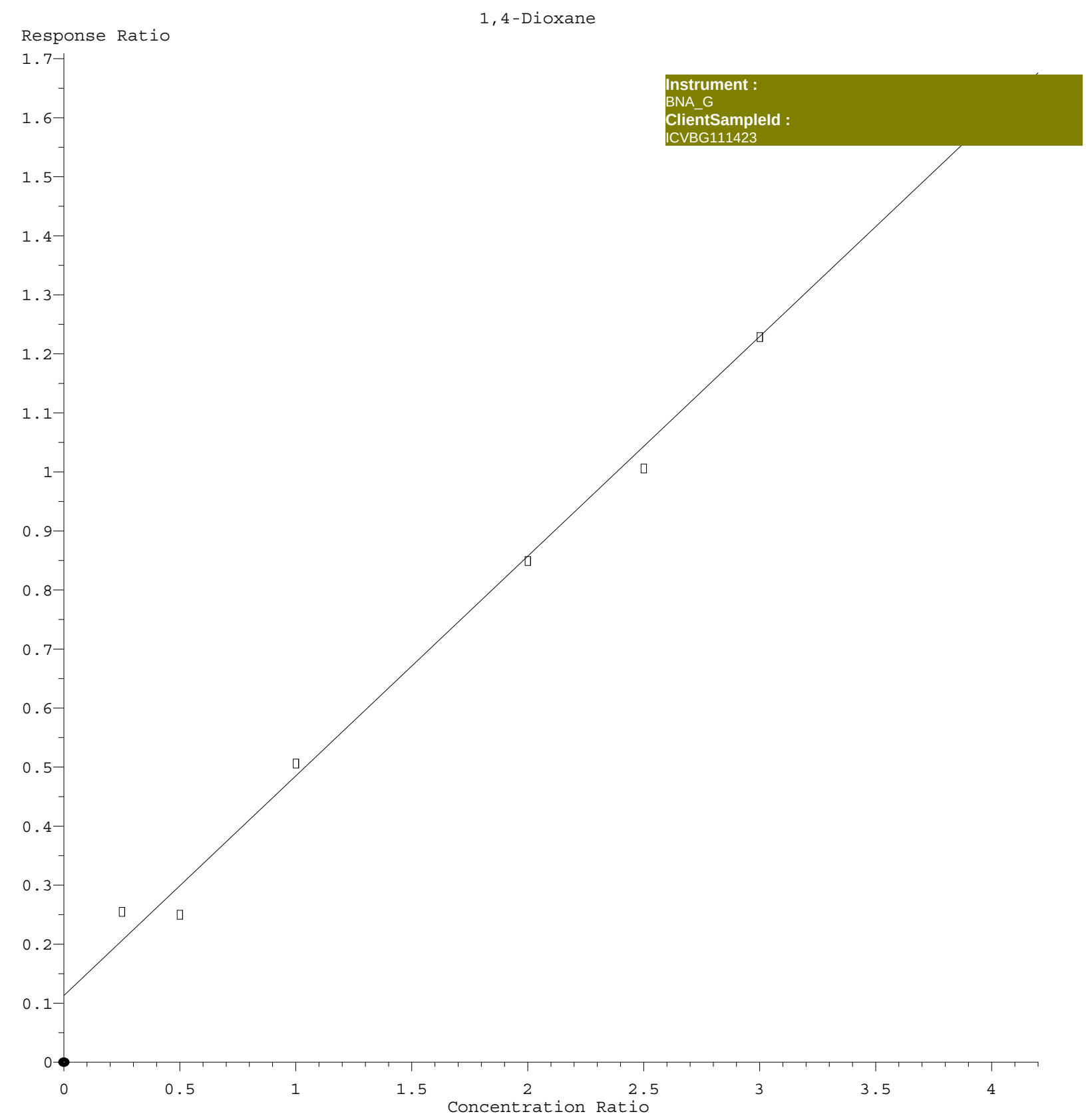
(#) = Out of Range SPCC's out = 0 CCC's out = 1



R = 2.317e-001 A*A + 5.620e-001 A + 1.041e-001
Coef of Det (r^2) = 0.996897 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111423.M
Calibration Table Last Updated: Wed Nov 15 08:14:53 2023



Response = 1.325e+000 * Amt + 1.905e-001
Coef of Det (r^2) = 0.995528 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111423.M
Calibration Table Last Updated: Wed Nov 15 08:14:53 2023



Response = 3.722e-001 * Amt + 1.128e-001
Coef of Det (r^2) = 0.995364 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111423.M
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