Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN020723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Feb 08 02:37:27 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN023964.D 0.2 =BN023965.D 0.4 =BN023981.D 0.8 =BN023967.D 1.6 =BN023968.D 3.2 =BN023969.D 5.0 =BN023970.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.384	0.368	0.369	0.407	0.388	0.362	0.379		4.41
3)		n-Nitrosodimet...	0.408	0.406	0.382	0.404	0.470	0.462	0.442	0.425	7.82
4)	S	2-Fluorophenol	0.869	0.857	0.777	0.776	0.871	0.850	0.818	0.831	4.96
5)	S	Phenol-d6	1.001	0.964	0.897	0.912	1.038	1.035	1.009	0.980	5.81
6)		bis(2-Chloroet...	1.026	1.021	0.925	0.931	1.035	0.985	0.932	0.979	5.02
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.299	0.305	0.278	0.315	0.346	0.350	0.355	0.321	9.24
9)		Naphthalene	0.976	0.983	0.902	1.001	1.053	1.041	1.027	0.998	5.14
10)		Hexachlorobuta...	0.251	0.263	0.239	0.262	0.278	0.270	0.268	0.262	4.96
11)	SURR	2-Methylnaphth...	0.538	0.535	0.498	0.550	0.591	0.591	0.589	0.556	6.48
12)		2-Methylnaphth...	0.614	0.645	0.595	0.670	0.714	0.708	0.700	0.664	7.14
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.185	0.183	0.178	0.197	0.217	0.238	0.243	0.206	13.15
15)	S	2-Fluorobiphenyl	1.559	1.527	1.409	1.597	1.669	1.688	1.629	1.582	6.03
16)		Acenaphthylene	1.420	1.369	1.311	1.528	1.689	1.791	1.796	1.558	12.96
17)		Acenaphthene	1.038	0.999	0.940	1.057	1.129	1.141	1.116	1.060	7.02
18)		Fluorene	1.398	1.380	1.316	1.445	1.522	1.522	1.479	1.438	5.37
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.049	0.050	0.063	0.076	0.089		0.065		26.56
21)		4-Bromophenyl-...	0.251	0.239	0.218	0.255	0.284	0.283	0.290	0.260	10.30
22)		Hexachlorobenzene	0.309	0.298	0.268	0.312	0.335	0.333	0.334	0.313	7.84
23)		Atrazine	0.150	0.155	0.144	0.163	0.184	0.193	0.202	0.170	13.44
24)		Pentachlorophenol	0.082	0.088	0.107	0.131	0.145		0.111		24.47
25)		Phenanthrene	1.127	1.042	0.967	1.080	1.173	1.165	1.171	1.104	7.09
26)		Anthracene	0.825	0.822	0.773	0.874	0.985	1.024	1.054	0.908	12.25
27)	SURR	Fluoranthene-d10	0.892	0.907	0.899	0.951	1.033	1.046	1.068	0.971	7.85
28)		Fluoranthene	1.160	1.172	1.162	1.244	1.368	1.369	1.378	1.265	8.21
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.486	1.392	1.149	1.377	1.434	1.439	1.434	1.387	8.00
31)	S	Terphenyl-d14	0.798	0.768	0.631	0.741	0.766	0.761	0.760	0.746	7.21
32)		Benzo(a)anthra...	1.301	1.208	1.111	1.223	1.355	1.372	1.389	1.280	8.03
33)		Chrysene	1.476	1.365	1.203	1.366	1.457	1.406	1.395	1.381	6.46
34)		Bis(2-ethylhex...	0.721	0.568	0.493	0.505	0.562	0.593	0.654	0.585	13.79
35)	I	Perylene-d12	----------ISTD----------								

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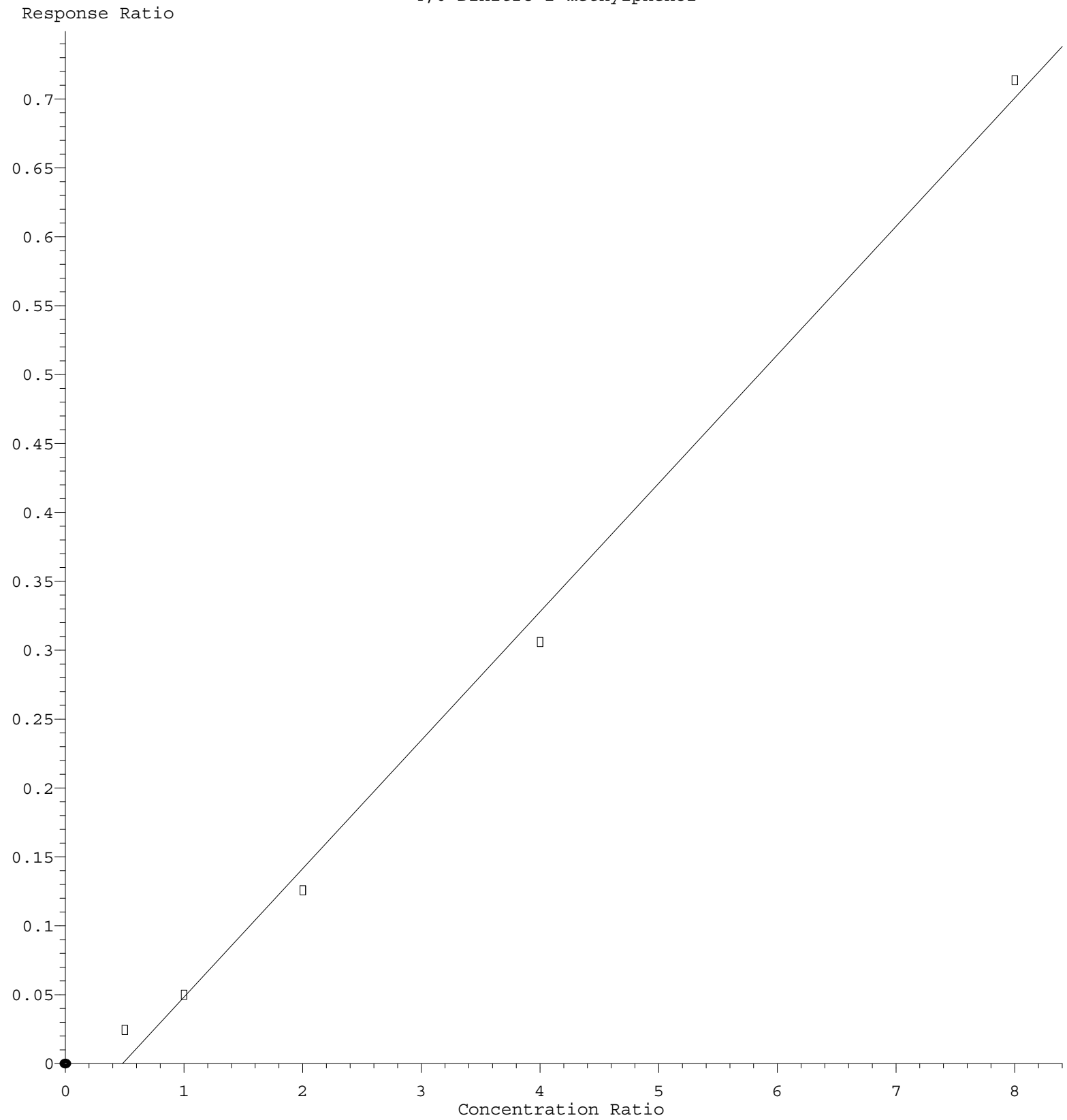
36)		Indeno(1,2,3-c...	1.746	1.627	1.478	1.825	2.028	2.004	2.016	1.818	11.78
37)		Benzo(b)fluora...	1.701	1.572	1.369	1.593	1.715	1.673	1.709	1.619	7.66
38)		Benzo(k)fluora...	1.665	1.517	1.371	1.569	1.708	1.686	1.684	1.600	7.69
39)	C	Benzo(a)pyrene	1.216	1.159	1.030	1.186	1.321	1.324	1.362	1.228	9.50
40)		Dibenzo(a,h)an...	1.390	1.282	1.181	1.459	1.642	1.611	1.619	1.455	12.41
41)		Benzo(g,h,i)pe...	1.526	1.388	1.259	1.543	1.731	1.666	1.688	1.543	11.13

(#) = Out of Range

4,6-Dinitro-2-methylphenol



Response = 9.315e-002 * Amt - 4.486e-002
Coef of Det (r^2) = 0.995626 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN020723.M
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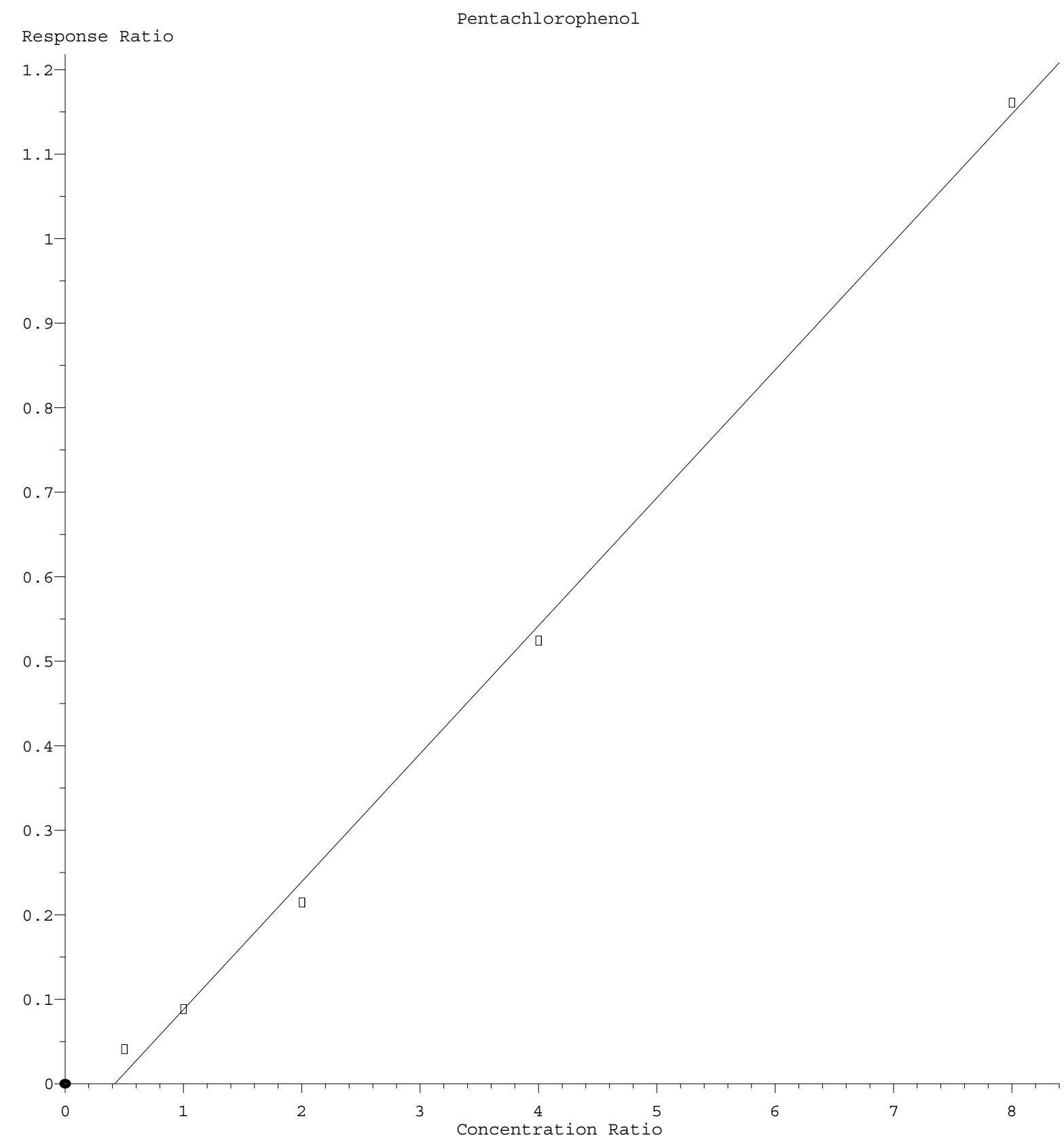

Response = 1.514e-001 * Amt - 6.352e-002
Coef of Det (r^2) = 0.997745 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN020723.M
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