Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN041124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 12 01:10:04 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN030846.D 0.2 =BN030847.D 0.4 =BN030848.D 0.8 =BN030849.D 1.6 =BN030850.D 3.2 =BN030851.D 5.0 =BN030852.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	0.509	0.499	0.447	0.428	0.455	0.426	0.409	0.453	8.34
3)		n-Nitrosodimet...	0.445	0.472	0.450	0.460	0.490	0.470	0.456	0.463	3.30
4)	S	2-Fluorophenol	0.930	0.956	0.903	0.904	0.978	0.966	0.955	0.942	3.15
5)	S	Phenol-d6	1.121	1.141	1.108	1.117	1.246	1.261	1.258	1.179	6.11
6)		bis(2-Chloroet...	1.075	1.120	1.081	1.103	1.201	1.152	1.114	1.121	3.91
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.263	0.281	0.272	0.279	0.309	0.307	0.315	0.289	7.12
9)		Naphthalene	1.091	1.123	1.079	1.082	1.156	1.119	1.109	1.108	2.47
10)		Hexachlorobuta...	0.222	0.230	0.217	0.216	0.229	0.218	0.215	0.221	2.87
11)	SURR	2-Methylnaphth...	0.605	0.633	0.612	0.623	0.673	0.650	0.645	0.634	3.70
12)		2-Methylnaphth...	0.722	0.753	0.727	0.736	0.800	0.768	0.755	0.752	3.58
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.154	0.158	0.149	0.162	0.186	0.200	0.215	0.175	14.62
15)	S	2-Fluorobiphenyl	1.439	1.472	1.358	1.377	1.458	1.413	1.397	1.416	2.98
16)		Acenaphthylene	1.626	1.730	1.657	1.741	1.951	1.995	2.020	1.817	9.17
17)		Acenaphthene	1.172	1.230	1.185	1.211	1.316	1.285	1.282	1.240	4.43
18)		Fluorene	1.560	1.640	1.583	1.642	1.768	1.736	1.696	1.661	4.62
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.032	0.037	0.042	0.054	0.062		0.045	27.54
21)		4-Bromophenyl-...	0.232	0.232	0.229	0.230	0.250	0.251	0.247	0.239	4.23
22)		Hexachlorobenzene	0.275	0.280	0.269	0.272	0.289	0.280	0.277	0.277	2.31
23)		Atrazine	0.157	0.161	0.156	0.165	0.189	0.199	0.199	0.175	11.22
24)		Pentachlorophenol		0.064	0.075	0.087	0.111	0.126		0.093	27.81
25)		Phenanthrene	1.143	1.170	1.132	1.152	1.239	1.197	1.194	1.175	3.19
26)		Anthracene	0.883	0.925	0.917	0.969	1.088	1.109	1.124	1.002	10.16
27)	SURR	Fluoranthene-d10	0.980	1.024	1.020	1.081	1.161	1.151	1.162	1.083	7.06
28)		Fluoranthene	1.296	1.332	1.331	1.402	1.527	1.474	1.453	1.402	6.14
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.782	1.743	1.674	1.665	1.773	1.714	1.695	1.721	2.71
31)	S	Terphenyl-d14	1.108	1.035	0.981	0.997	1.044	1.011	0.990	1.024	4.25
32)		Benzo(a)anthra...	1.423	1.332	1.323	1.368	1.525	1.489	1.483	1.420	5.73
33)		Chrysene	1.536	1.475	1.437	1.471	1.564	1.477	1.453	1.488	3.06
34)		Bis(2-ethylhex...	0.820	0.666	0.628	0.626	0.743	0.788	0.846	0.731	12.52
35)	I	Perylene-d12	----------ISTD----------								

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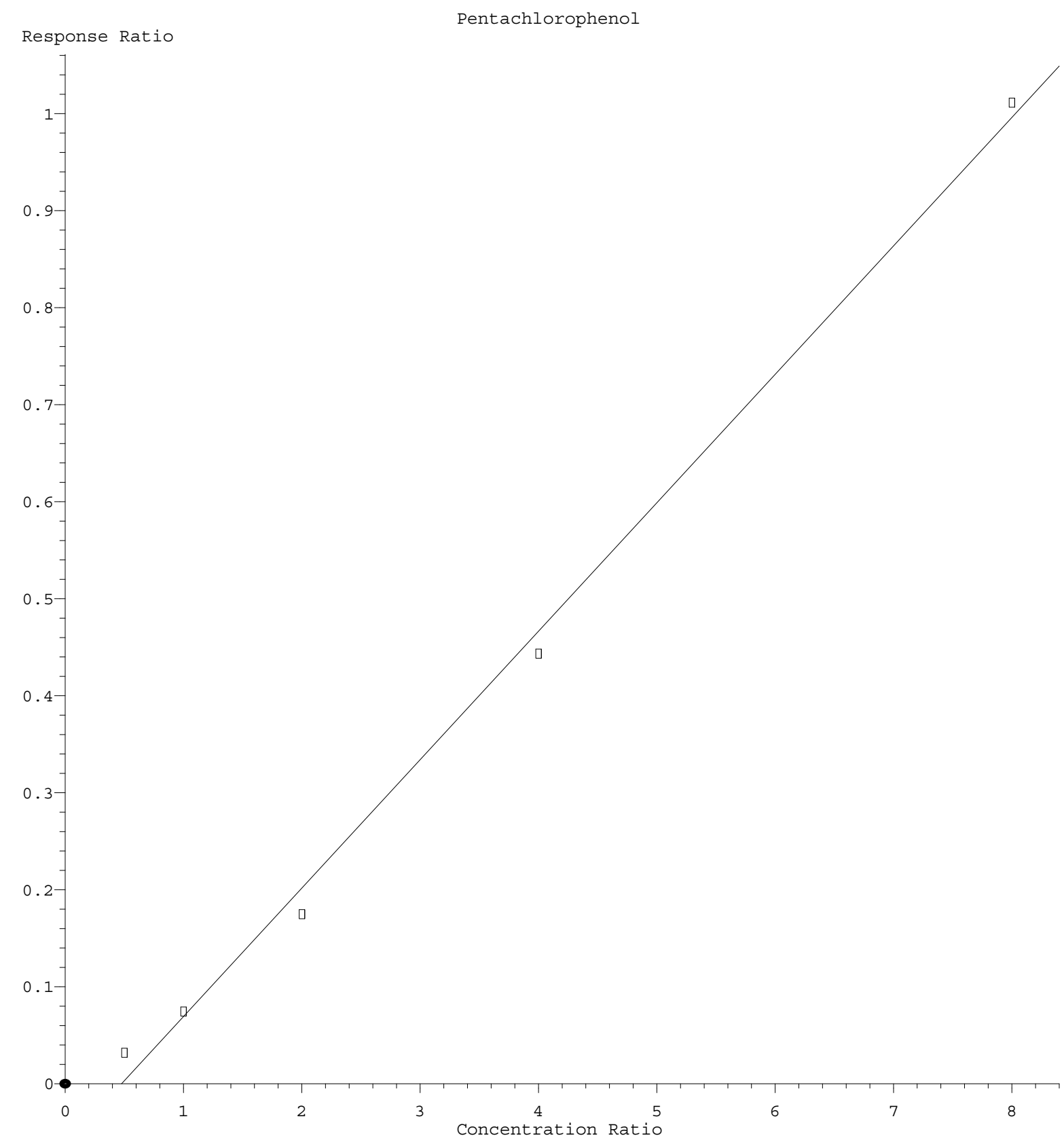
36)		Indeno(1,2,3-c...	1.509	1.484	1.487	1.543	1.695	1.689	1.668	1.582	6.16
37)		Benzo(b)fluora...	1.625	1.627	1.599	1.646	1.786	1.782	1.740	1.686	4.74
38)		Benzo(k)fluora...	1.534	1.530	1.540	1.607	1.745	1.683	1.688	1.618	5.43
39)	C	Benzo(a)pyrene	1.361	1.307	1.307	1.340	1.457	1.449	1.452	1.382	4.99
40)		Dibenzo(a,h)an...	1.195	1.172	1.180	1.231	1.355	1.350	1.326	1.258	6.55
41)		Benzo(g,h,i)pe...	1.338	1.319	1.298	1.331	1.445	1.430	1.408	1.367	4.31

(#) = Out of Range



Response = 1.323e-001 * Amt - 6.305e-002
Coef of Det (r^2) = 0.996400 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN041124.M
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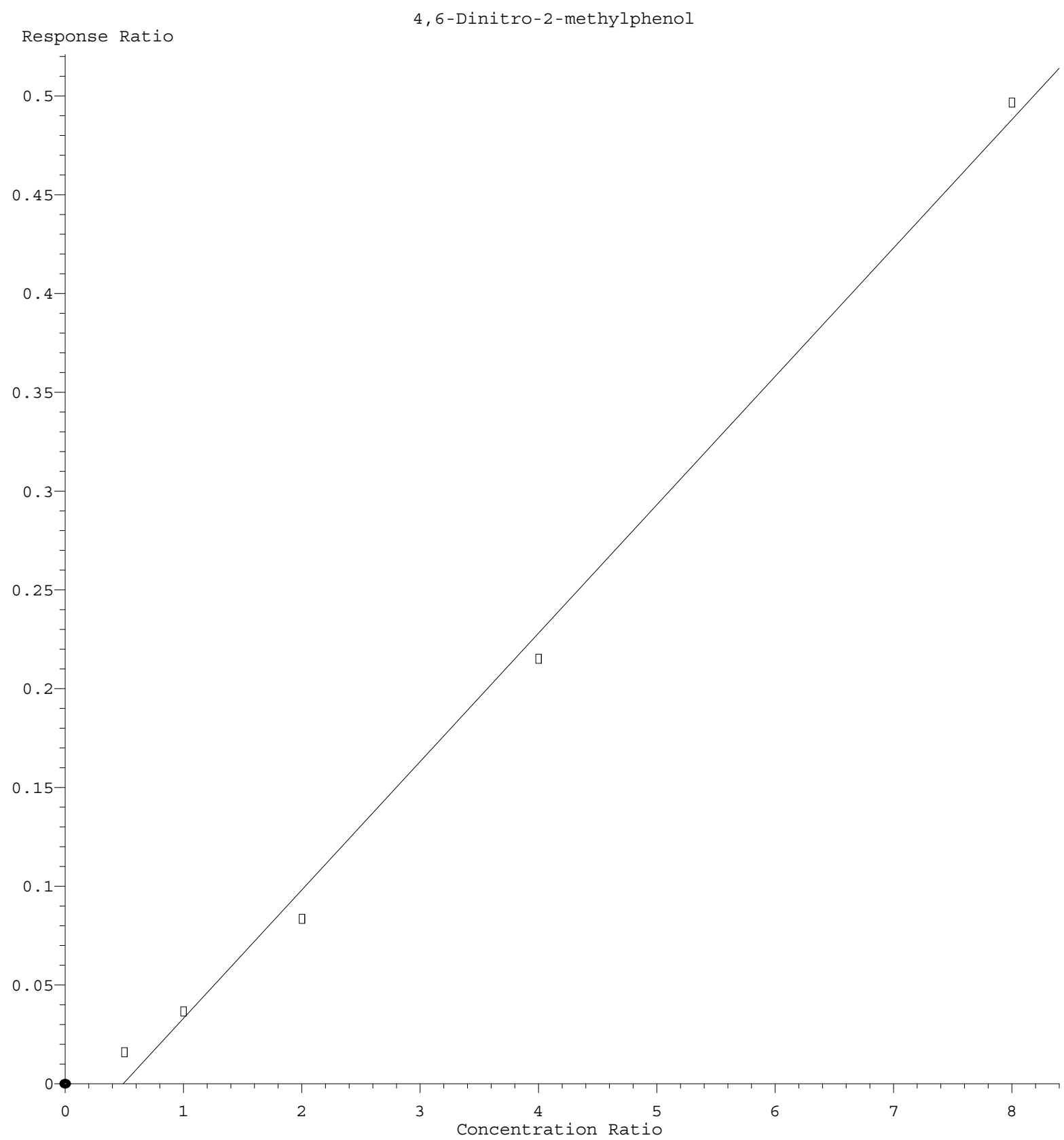

Response = 6.497e-002 * Amt - 3.185e-002
Coef of Det (r^2) = 0.995543 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN041124.M
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