Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN080524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 05 23:57:48 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN033241.D 0.2 =BN033242.D 0.4 =BN033243.D 0.8 =BN033244.D 1.6 =BN033245.D 3.2 =BN033246.D 5.0 =BN033247.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	0.805	0.609	0.609	0.552	0.466	0.459	0.583		21.76
3)		n-Nitrosodimet...	0.465	0.424	0.504	0.501	0.505	0.528	0.488		7.57
4)	S	2-Fluorophenol	0.916	1.099	1.085	1.040	0.865	0.940	0.991		9.78
5)	S	Phenol-d6	1.084	1.420	1.441	1.449	1.355	1.419	1.361		10.27
6)		bis(2-Chloroet...	0.877	1.027	1.197	1.268	1.444	1.022	1.192	1.147	16.32
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.264	0.311	0.273	0.363	0.365	0.339	0.337	0.322	12.62
9)		Naphthalene	1.030	1.091	1.050	1.179	1.144	1.057	1.060	1.087	5.06
10)		Hexachlorobuta...	0.222	0.210	0.201	0.210	0.205	0.182	0.183	0.202	7.19
11)	SURR	2-Methylnaphth...	0.538	0.554	0.581	0.632	0.640	0.597	0.613	0.593	6.45
12)		2-Methylnaphth...	0.530	0.582	0.555	0.703	0.740	0.700	0.725	0.648	13.66
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.166	0.124	0.132	0.152	0.154	0.149	0.166	0.149	10.67
15)	S	2-Fluorobiphenyl	1.262	1.228	1.294	1.521	1.489	1.369	1.416	1.368	8.27
16)		Acenaphthylene	1.442	1.394	1.473	1.705	1.741	1.675	1.743	1.596	9.58
17)		Acenaphthene	1.101	1.052	1.121	1.247	1.221	1.137	1.183	1.152	5.99
18)		Fluorene	1.477	1.442	1.470	1.692	1.668	1.557	1.609	1.559	6.44
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.027	0.035	0.051	0.062	0.063	0.075	0.052		35.03
21)		4-Bromophenyl-...	0.197	0.208	0.202	0.240	0.234	0.203	0.202	0.212	8.11
22)		Hexachlorobenzene	0.232	0.216	0.209	0.242	0.234	0.211	0.207	0.222	6.27
23)		Atrazine	0.216	0.193	0.182	0.211	0.205	0.195	0.198	0.200	5.73
24)		Pentachlorophenol	0.062	0.059	0.067	0.079	0.084	0.081	0.087	0.074	15.40
25)		Phenanthrene	1.106	1.004	0.972	1.159	1.148	1.072	1.071	1.076	6.46
26)		Anthracene	0.775	0.764	0.809	0.984	1.020	0.970	0.991	0.902	12.55
27)	SURR	Fluoranthene-d10	1.129	1.104	1.060	1.185	1.162	1.097	1.098	1.119	3.81
28)		Fluoranthene	1.581	1.463	1.382	1.541	1.514	1.430	1.419	1.476	4.87
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.556	1.462	1.249	1.523	1.450	1.206	1.341	1.398	9.69
31)	S	Terphenyl-d14	0.706	0.719	0.625	0.762	0.729	0.616	0.680	0.691	7.83
32)		Benzo(a)anthra...	1.050	1.043	1.059	1.311	1.240	1.121	1.238	1.152	9.52
33)		Chrysene	1.716	1.695	1.423	1.640	1.552	1.352	1.453	1.547	9.19
34)		Bis(2-ethylhex...	0.884	0.541	0.210	0.165	0.075	0.039	0.025	0.277	115.75
35)	I	Perylene-d12	----------ISTD----------								

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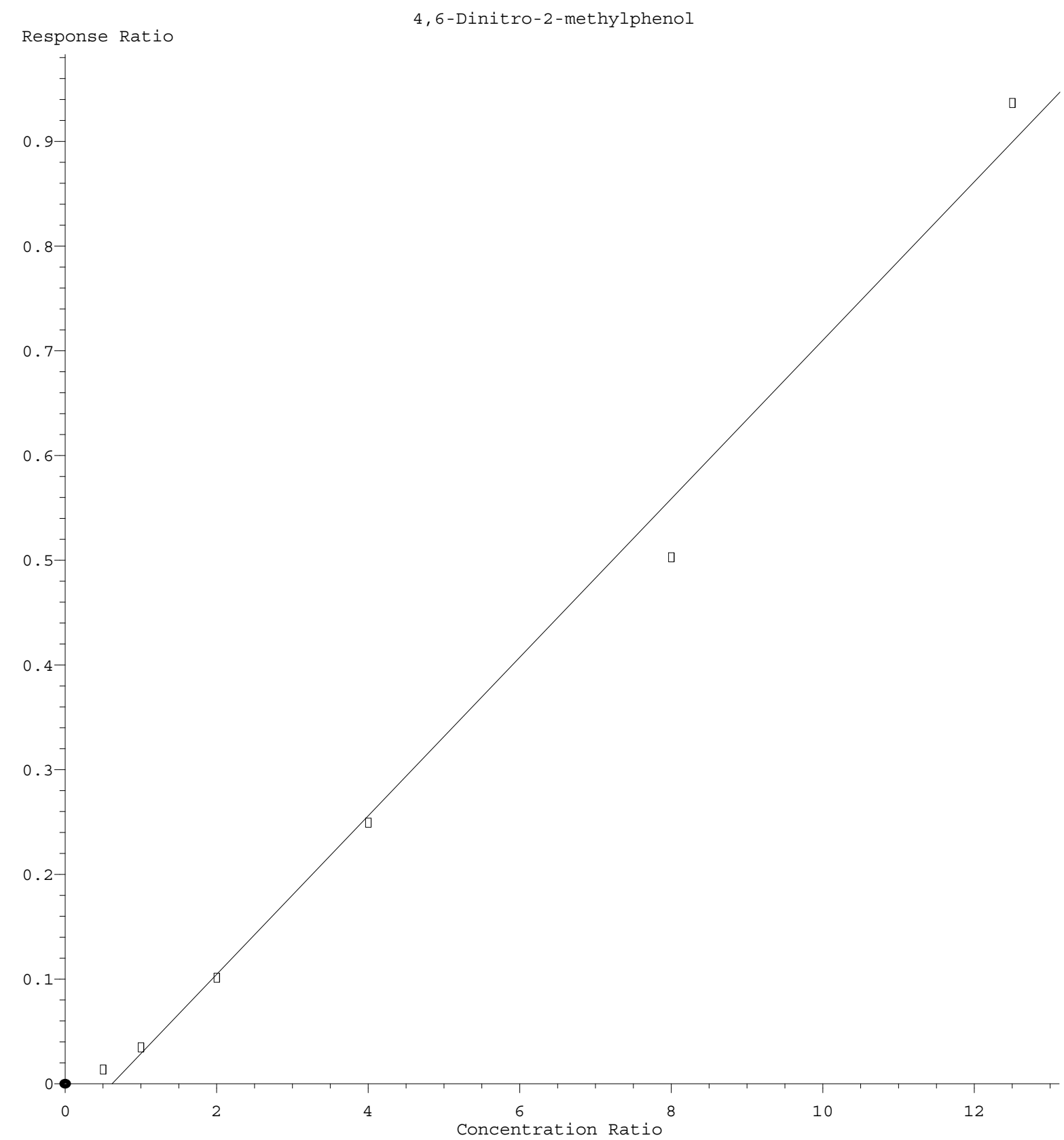
36)		Indeno(1,2,3-c...	1.688	1.705	1.649	1.937	1.932	1.883	1.865	1.808	6.81
37)		Benzo(b)fluora...	1.072	1.071	1.065	1.329	1.387	1.268	1.300	1.213	11.46
38)		Benzo(k)fluora...	1.542	1.486	1.354	1.671	1.643	1.471	1.458	1.518	7.29
39)	C	Benzo(a)pyrene	1.184	1.153	1.080	1.308	1.317	1.236	1.251	1.218	6.99
40)		Dibenzo(a,h)an...	1.313	1.334	1.304	1.523	1.529	1.505	1.487	1.428	7.34
41)		Benzo(g,h,i)pe...	1.577	1.580	1.536	1.760	1.724	1.654	1.624	1.636	5.00

(#) = Out of Range



Response = 7.572e-002 * Amt - 4.698e-002
Coef of Det (r^2) = 0.992007 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN080524.M
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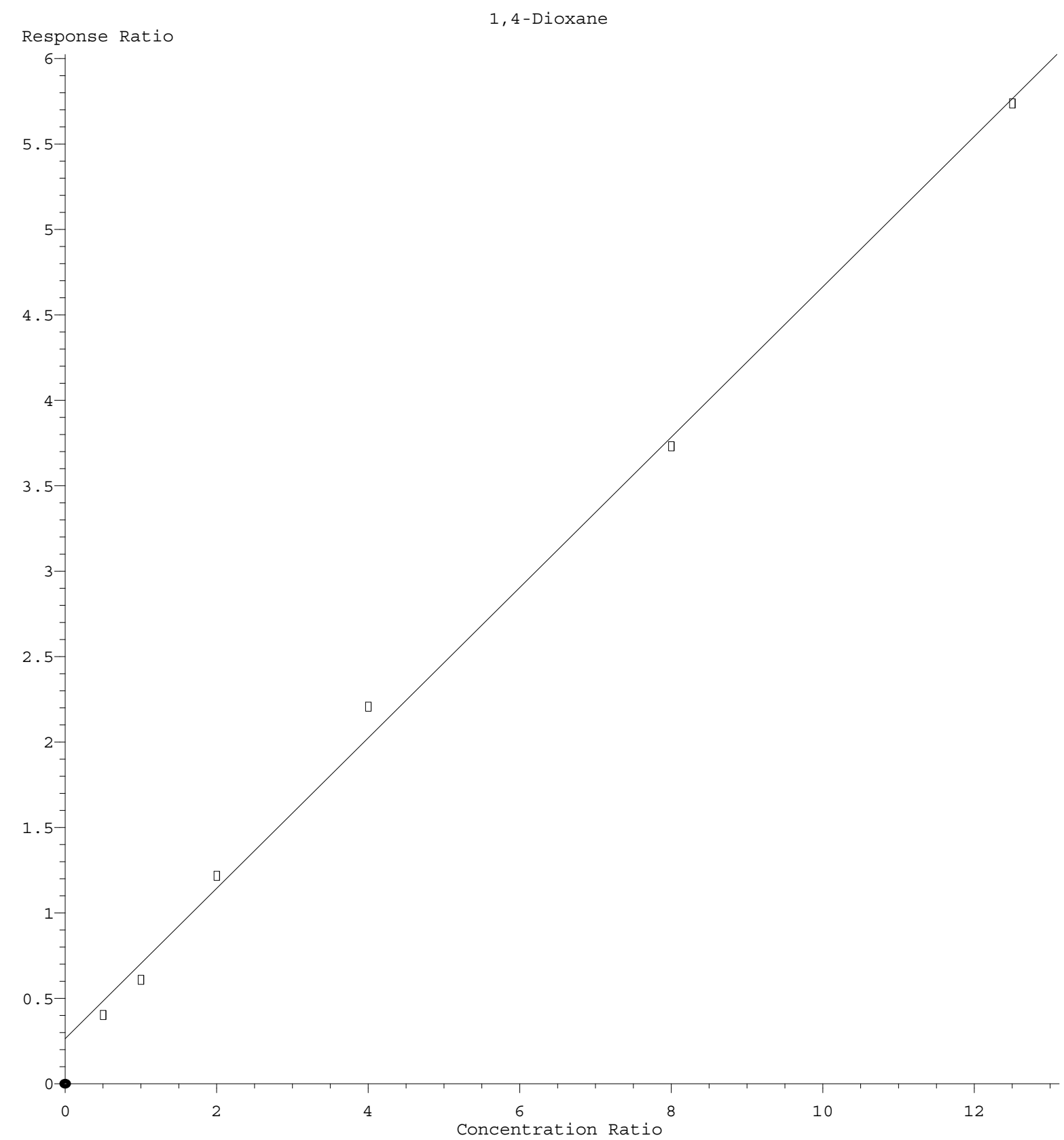

Response = 4.399e-001 * Amt + 2.645e-001
Coef of Det (r^2) = 0.997300 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN080524.M
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