Response Factor Report BNA_N

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
Method File : 8270-SIM-BN062222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 22 15:57:15 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN020337.D 0.2 =BN020338.D 0.4 =BN020339.D 0.8 =BN020340.D 1.6 =BN020341.D 3.2 =BN020342.D 5.0 =BN020343.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		0.644	0.461	0.476	0.364	0.413	0.392	0.458	21.88
3)		n-Nitrosodimet...		0.424	0.280	0.480	0.435	0.447	0.439	0.417	16.78
4)	S	2-Fluorophenol	1.480	1.242	1.198	1.179	1.130	1.013	0.963	1.172	14.41
5)	S	Phenol-d6	1.655	1.457	1.461	1.591	1.481	1.482	1.448	1.511	5.27
6)		bis(2-Chloroet...	1.247	1.189	1.113	1.169	1.208	1.158	1.126	1.173	3.96
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.254	0.265	0.253	0.291	0.298	0.287	0.306	0.279	7.80
9)		Naphthalene	1.219	1.190	1.147	1.254	1.229	1.136	1.172	1.192	3.68
10)		Hexachlorobuta...	0.224	0.201	0.190	0.209	0.208	0.186	0.189	0.201	6.78
11)	SURR	2-Methylnaphth...	0.753	0.689	0.716	0.813	0.755	0.734	0.746	0.744	5.16
12)		2-Methylnaphth...	0.877	0.829	0.836	0.954	0.885	0.865	0.876	0.875	4.67
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.199	0.180	0.180	0.198	0.181	0.192	0.201	0.190	5.10
15)	S	2-Fluorobiphenyl	1.393	1.329	1.341	1.495	1.569	1.445	1.448	1.431	5.96
16)		Acenaphthylene	1.843	1.741	1.719	1.930	1.947	1.942	2.003	1.875	5.86
17)		Acenaphthene	1.390	1.283	1.281	1.366	1.307	1.259	1.256	1.306	4.02
18)		Fluorene	2.050	1.836	1.806	1.992	1.836	1.808	1.824	1.879	5.28
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.053	0.048	0.053	0.065	0.074	0.081		0.062	21.05
21)		4-Bromophenyl-...	0.227	0.214	0.201	0.224	0.233	0.223	0.223	0.221	4.73
22)		Hexachlorobenzene	0.275	0.249	0.229	0.253	0.256	0.240	0.241	0.249	5.83
23)		Atrazine	0.158	0.158	0.151	0.166	0.169	0.171	0.178	0.164	5.63
24)		Pentachlorophenol	0.131	0.095	0.097	0.104	0.106	0.113	0.120	0.110	11.81
25)		Phenanthrene	1.520	1.330	1.278	1.416	1.396	1.340	1.357	1.377	5.64
26)		Anthracene	1.272	1.104	1.091	1.188	1.209	1.203	1.229	1.185	5.53
27)	SURR	Fluoranthene-d10	1.393	1.388	1.342	1.458	1.421	1.399	1.417	1.403	2.54
28)		Fluoranthene	2.033	1.746	1.709	1.847	1.818	1.783	1.797	1.819	5.76
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.846	1.495	1.371	1.510	1.429	1.343	1.341	1.476	11.97
31)	S	Terphenyl-d14	0.881	0.807	0.749	0.840	0.805	0.753	0.746	0.797	6.48
32)		Benzo(a)anthra...	1.584	1.334	1.281	1.451	1.478	1.440	1.477	1.435	6.98
33)		Chrysene	1.814	1.668	1.581	1.715	1.624	1.526	1.519	1.635	6.51
34)		Bis(2-ethylhex...	0.816	0.665	0.588	0.634	0.614	0.622	0.673	0.659	11.42
35)	I	Perylene-d12	----------ISTD----------								

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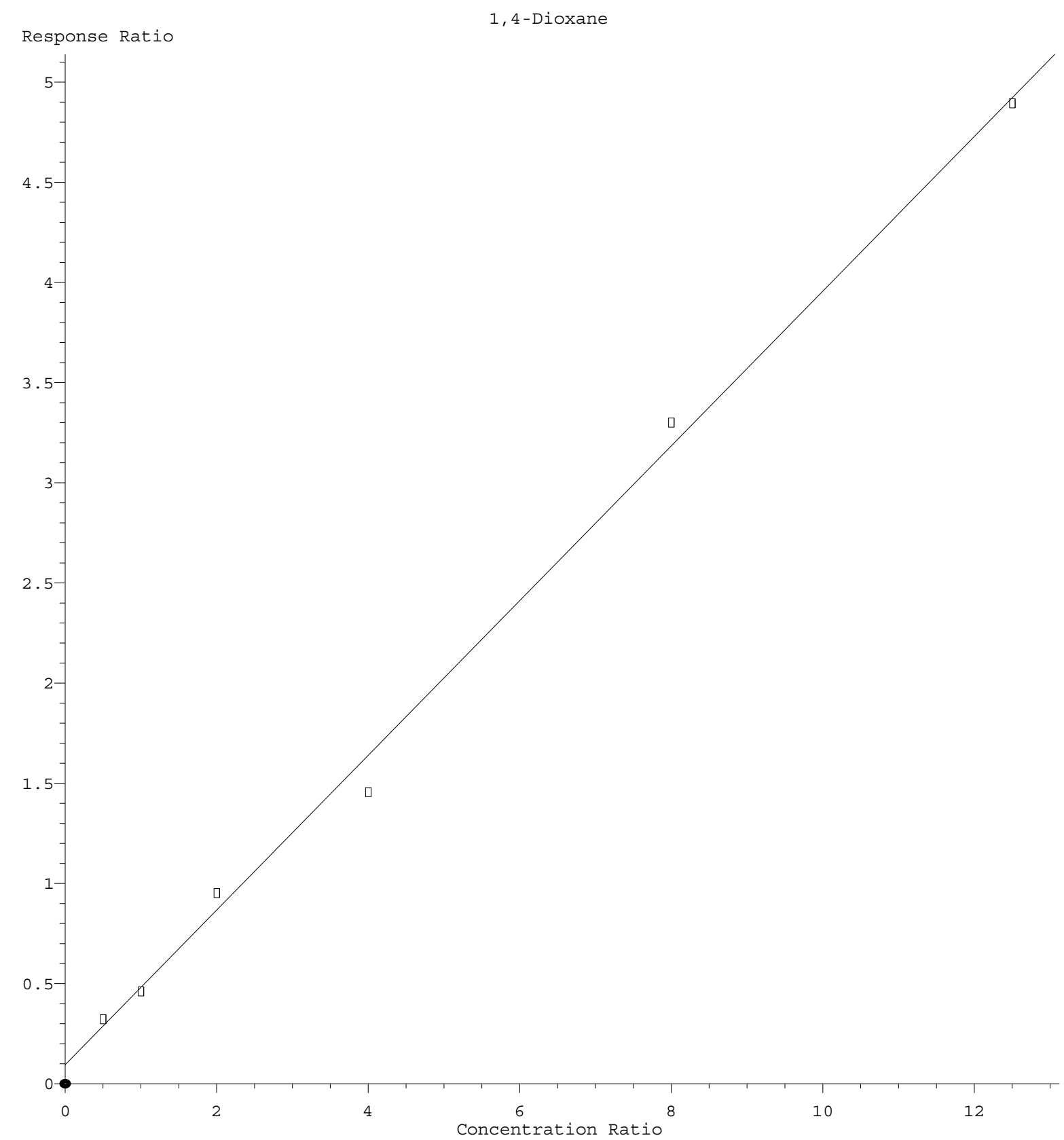
36)		Indeno(1,2,3-c...	2.033	1.820	1.827	1.994	2.043	1.988	2.042	1.964	5.01
37)		Benzo(b)fluora...	1.701	1.501	1.457	1.609	1.602	1.574	1.613	1.580	5.06
38)		Benzo(k)fluora...	1.654	1.518	1.528	1.727	1.693	1.633	1.637	1.627	4.82
39)	C	Benzo(a)pyrene	1.390	1.299	1.297	1.434	1.430	1.390	1.407	1.378	4.16
40)		Dibenzo(a,h)an...	1.571	1.393	1.455	1.605	1.651	1.605	1.643	1.560	6.30
41)		Benzo(g,h,i)pe...	1.842	1.679	1.663	1.761	1.783	1.714	1.757	1.743	3.57

(#) = Out of Range



Response = 3.861e-001 * Amt + 9.546e-002
Coef of Det (r^2) = 0.996571 Curve Fit: Linear
Method Name: Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062222.M
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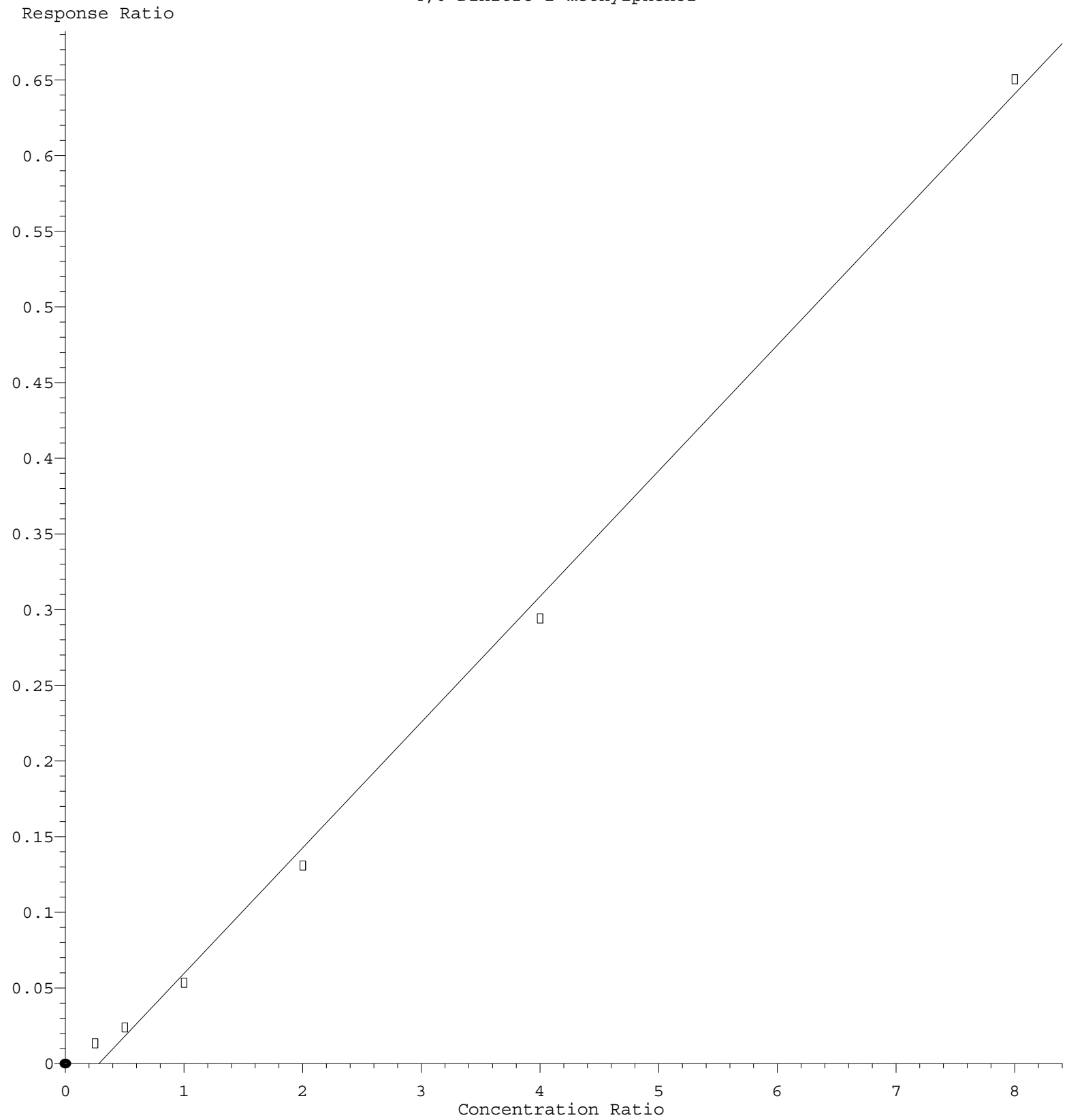
4,6-Dinitro-2-methylphenol



Response = 8.300e-002 * Amt - 2.352e-002
Coef of Det (r^2) = 0.997459 Curve Fit: Linear
Method Name: Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062222.M
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