Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN040323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 05 00:51:08 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN024723.D 0.2 =BN024724.D 0.4 =BN024748.D 0.8 =BN024726.D 1.6 =BN024727.D 3.2 =BN024728.D 5.0 =BN024729.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	0.465	0.366	0.473	0.395	0.462	0.379	0.351	0.413	12.63
3)		n-Nitrosodimet...	0.613	0.642	0.799	0.674	0.812	0.672	0.637	0.693	11.57
4)	S	2-Fluorophenol	0.973	0.877	1.026	0.840	0.995	0.839	0.820	0.910	9.39
5)	S	Phenol-d6	1.099	1.062	1.274	1.065	1.300	1.115	1.097	1.145	8.69
6)		bis(2-Chloroet...	1.098	1.109	1.305	1.066	1.257	1.044	0.993	1.125	10.15
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.272	0.283	0.347	0.289	0.359	0.314	0.321	0.312	10.62
9)		Naphthalene	0.976	0.975	1.199	0.965	1.160	0.989	0.977	1.034	9.64
10)		Hexachlorobuta...	0.197	0.192	0.241	0.193	0.232	0.195	0.190	0.206	10.29
11)	SURR	2-Methylnaphth...	0.485	0.471	0.588	0.474	0.577	0.498	0.496	0.513	9.55
12)		2-Methylnaphth...	0.650	0.637	0.795	0.645	0.788	0.677	0.671	0.695	9.73
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.131	0.141	0.178	0.149	0.204	0.193	0.209	0.172	18.42
15)	S	2-Fluorobiphenyl	1.492	1.473	1.853	1.454	1.729	1.472	1.452	1.561	10.37
16)		Acenaphthylene	1.399	1.420	1.808	1.484	1.953	1.757	1.840	1.666	13.55
17)		Acenaphthene	1.063	1.054	1.336	1.055	1.309	1.132	1.149	1.157	10.31
18)		Fluorene	1.451	1.439	1.836	1.452	1.790	1.566	1.557	1.584	10.41
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.019	0.028	0.027	0.046	0.053		0.034	41.41
21)		4-Bromophenyl-...	0.224	0.216	0.271	0.220	0.271	0.238	0.239	0.240	9.56
22)		Hexachlorobenzene	0.265	0.259	0.329	0.266	0.315	0.272	0.269	0.282	9.86
23)		Atrazine	0.121	0.121	0.152	0.129	0.170	0.160	0.169	0.146	15.13
24)		Pentachlorophenol	0.104	0.080	0.093	0.082	0.118	0.119		0.100	17.17
25)		Phenanthrene	1.061	1.053	1.319	1.072	1.309	1.140	1.131	1.155	9.84
26)		Anthracene	0.862	0.856	1.086	0.904	1.159	1.042	1.101	1.001	12.48
27)	SURR	Fluoranthene-d10	0.753	0.746	0.950	0.778	0.962	0.862	0.879	0.847	10.64
28)		Fluoranthene	1.063	1.072	1.358	1.135	1.432	1.269	1.272	1.229	11.64
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.585	1.540	2.054	1.556	1.859	1.579	1.605	1.683	11.67
31)	S	Terphenyl-d14	1.065	1.097	1.409	1.076	1.260	1.080	1.103	1.156	11.26
32)		Benzo(a)anthra...	1.219	1.146	1.482	1.155	1.427	1.252	1.295	1.282	10.10
33)		Chrysene	1.348	1.329	1.701	1.326	1.559	1.327	1.319	1.415	10.78
34)		Bis(2-ethylhex...	0.557	0.507	0.656	0.486	0.610	0.560	0.646	0.574	11.47
35)	I	Perylene-d12	----------ISTD----------								

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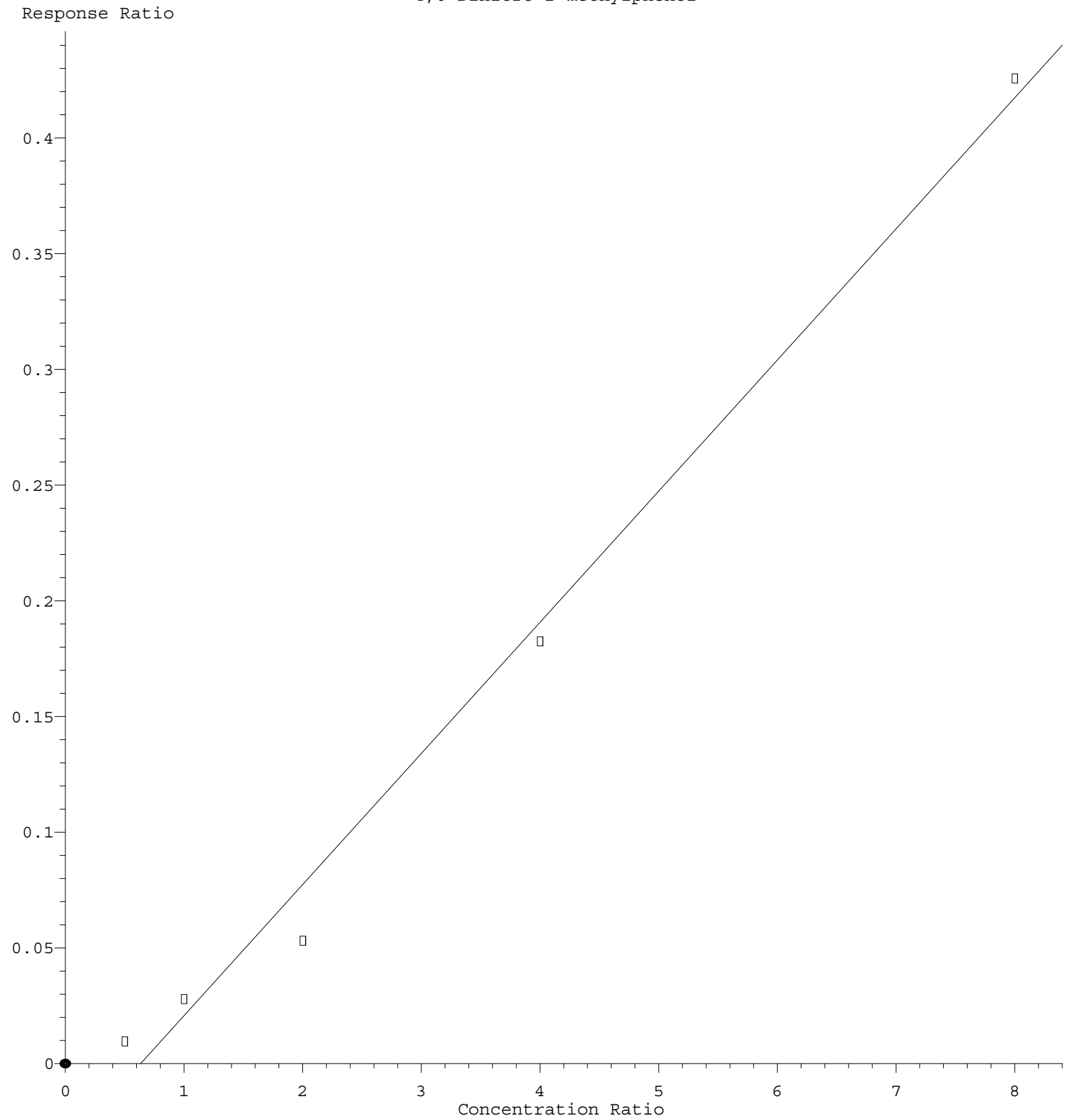
36)		Indeno(1,2,3-c...	1.353	1.330	1.695	1.422	1.755	1.500	1.572	1.518	10.84
37)		Benzo(b)fluora...	1.464	1.443	1.824	1.531	1.882	1.619	1.616	1.625	10.47
38)		Benzo(k)fluora...	1.462	1.384	1.788	1.507	1.876	1.656	1.679	1.622	11.02
39)	C	Benzo(a)pyrene	1.270	1.192	1.466	1.277	1.599	1.413	1.444	1.380	10.20
40)		Dibenzo(a,h)an...	1.010	1.012	1.344	1.128	1.407	1.216	1.254	1.196	12.93
41)		Benzo(g,h,i)pe...	1.305	1.296	1.584	1.308	1.587	1.350	1.369	1.400	9.25

(#) = Out of Range

4,6-Dinitro-2-methylphenol



Response = 5.667e-002 * Amt - 3.595e-002
Coef of Det (r^2) = 0.991096 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN040323.M
Calibration Table Last Updated: Wed Apr 05 00:51:08 2023