Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN111122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 10 23:28:29 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN022591.D 0.2 =BN022592.D 0.4 =BN022593.D 0.8 =BN022594.D 1.6 =BN022595.D 3.2 =BN022596.D 5.0 =BN022597.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	0.623	0.572	0.578	0.572	0.560	0.541	0.504	0.564	6.43
3)		n-Nitrosodimet...	0.558	0.576	0.584	0.583	0.595	0.585	0.556	0.577	2.50
4)	S	2-Fluorophenol	1.272	1.206	1.214	1.125	1.120	1.104	1.058	1.157	6.50
5)	S	Phenol-d6	1.461	1.456	1.521	1.413	1.448	1.432	1.389	1.446	2.89
6)		bis(2-Chloroet...	1.250	1.293	1.264	1.279	1.316	1.276	1.218	1.271	2.47
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.333	0.363	0.383	0.367	0.396	0.406	0.415	0.380	7.44
9)		Naphthalene	1.203	1.166	1.137	1.156	1.207	1.196	1.198	1.180	2.31
10)		Hexachlorobuta...	0.226	0.219	0.215	0.214	0.223	0.219	0.216	0.219	2.08
11)	SURR	2-Methylnaphth...	0.638	0.653	0.626	0.630	0.666	0.678	0.675	0.652	3.28
12)		2-Methylnaphth...	0.209	0.213	0.213	0.231	0.255	0.279	0.288	0.241	13.75
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.179	0.186	0.185	0.180	0.195	0.208	0.221	0.193	8.10
15)	S	2-Fluorobiphenyl	1.615	1.575	1.685	1.586	1.650	1.636	1.649	1.628	2.38
16)		Acenaphthylene	1.681	1.659	1.678	1.763	1.944	2.044	2.121	1.841	10.45
17)		Acenaphthene	1.244	1.231	1.213	1.233	1.291	1.297	1.326	1.262	3.33
18)		Fluorene	1.719	1.667	1.646	1.658	1.739	1.762	1.775	1.710	3.07
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.040	0.048	0.051	0.062	0.074	0.085	0.060	28.22	
21)		4-Bromophenyl-...	0.226	0.231	0.226	0.231	0.245	0.243	0.250	0.236	4.09
22)		Hexachlorobenzene	0.280	0.272	0.264	0.265	0.283	0.280	0.280	0.275	2.83
23)		Atrazine	0.189	0.191	0.186	0.189	0.210	0.215	0.224	0.201	7.61
24)		Pentachlorophenol	0.090	0.090	0.093	0.106	0.120	0.129	0.105	15.85	
25)		Phenanthrene	1.286	1.266	1.226	1.247	1.329	1.324	1.347	1.289	3.53
26)		Anthracene	1.021	1.052	1.013	1.046	1.163	1.193	1.221	1.101	7.96
27)	SURR	Fluoranthene-d10	1.078	1.087	1.039	1.048	1.144	1.143	1.170	1.101	4.64
28)		Fluoranthene	1.360	1.379	1.321	1.342	1.457	1.450	1.475	1.398	4.43
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.597	1.591	1.577	1.599	1.658	1.690	1.695	1.629	3.07
31)	S	Terphenyl-d14	1.271	1.232	1.281	1.191	1.194	1.263	1.249	1.240	2.91
32)		Benzo(a)anthra...	1.438	1.429	1.400	1.460	1.486	1.535	1.548	1.471	3.76
33)		Chrysene	1.574	1.450	1.455	1.486	1.548	1.561	1.541	1.516	3.43
34)		Bis(2-ethylhex...	0.894	0.878	0.781	0.765	0.815	0.884	0.925	0.849	7.24
35)	I	Perylene-d12	----------ISTD----------								

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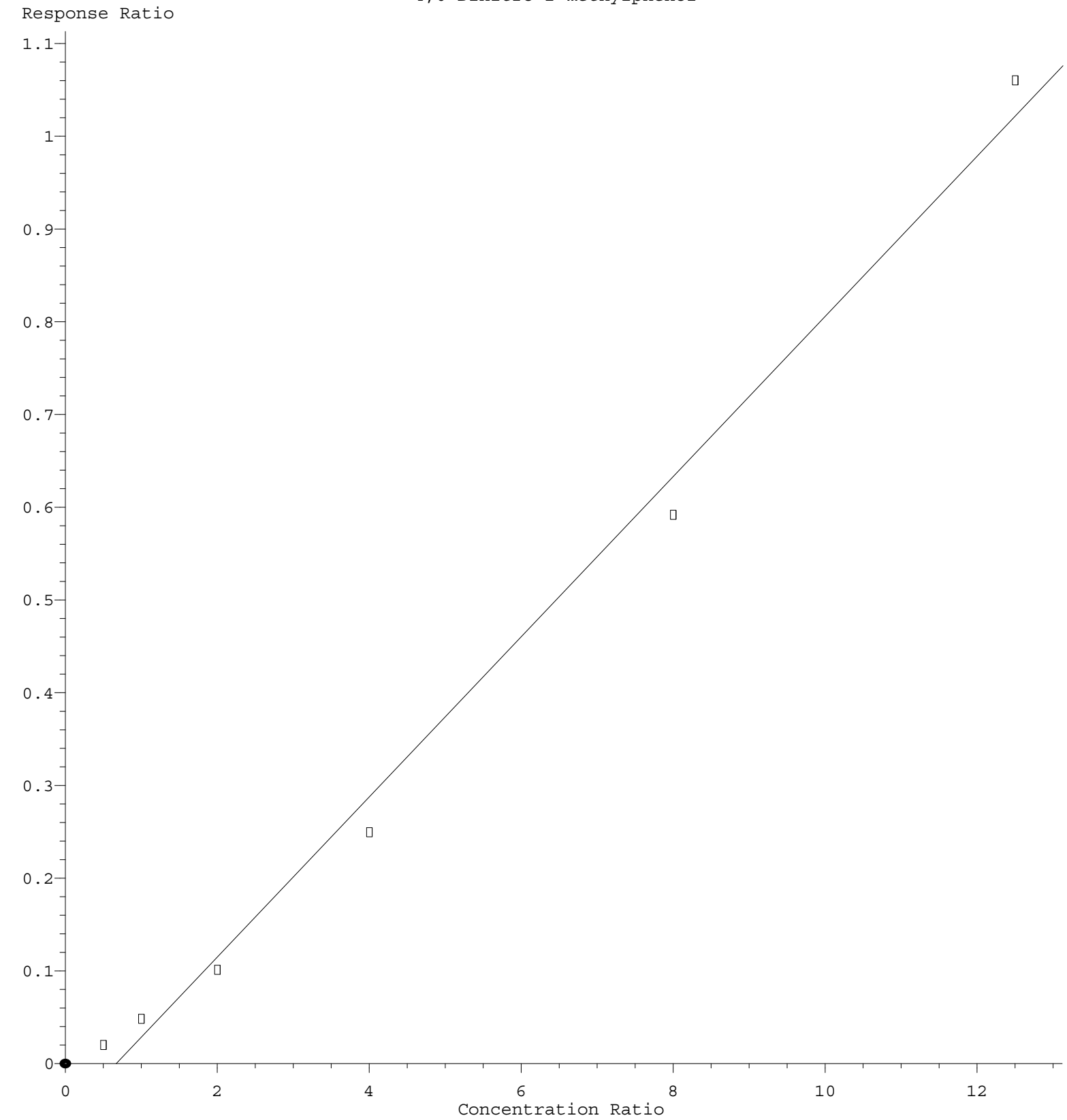
36)		Indeno(1,2,3-c...	1.837	1.837	1.798	1.843	1.977	1.985	1.953	1.890	4.15
37)		Benzo(b)fluora...	1.608	1.537	1.582	1.577	1.662	1.681	1.687	1.619	3.60
38)		Benzo(k)fluora...	1.560	1.502	1.522	1.581	1.731	1.705	1.708	1.616	5.97
39)	C	Benzo(a)pyrene	1.296	1.263	1.273	1.275	1.355	1.367	1.381	1.316	3.81
40)		Dibenzo(a,h)an...	1.485	1.467	1.432	1.483	1.595	1.599	1.577	1.520	4.52
41)		Benzo(g,h,i)pe...	1.628	1.582	1.501	1.565	1.660	1.647	1.613	1.599	3.43

(#) = Out of Range

4,6-Dinitro-2-methylphenol



Response = 8.645e-002 * Amt - 5.823e-002
Coef of Det (r^2) = 0.992310 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN111122.M
Calibration Table Last Updated: Thu Nov 10 23:28:29 2022