Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN112524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Nov 26 02:36:08 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN035277.D 0.2 =BN035278.D 0.4 =BN035279.D 0.8 =BN035280.D 1.6 =BN035281.D 3.2 =BN035282.D 5.0 =BN035283.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	0.375	0.276	0.287	0.263	0.284	0.262	0.267	0.288	13.80
3)		n-Nitrosodimet...		0.279	0.284	0.306	0.313	0.299	0.306	0.298	4.56
4)	S	2-Fluorophenol	0.858	0.793	0.789	0.725	0.730	0.678	0.718	0.756	8.00
5)	S	Phenol-d6	1.194	1.125	1.105	1.022	1.025	0.963	0.955	1.056	8.40
6)		bis(2-Chloroet...	0.910	0.870	0.896	0.887	0.914	0.874	0.869	0.889	2.11
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.267	0.272	0.347	0.327	0.356	0.348	0.354	0.324	11.95
9)		Naphthalene	1.085	1.055	1.091	1.075	1.150	1.140	1.174	1.110	4.01
10)		Hexachlorobuta...	0.281	0.289	0.312	0.311	0.339	0.330	0.322	0.312	6.74
11)	SURR	2-Methylnaphth...	0.561	0.531	0.539	0.527	0.566	0.580	0.616	0.560	5.61
12)		2-Methylnaphth...	0.690	0.680	0.680	0.675	0.748	0.782	0.829	0.726	8.37
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.174	0.174	0.180	0.186	0.213	0.230	0.272	0.204	17.97
15)	S	2-Fluorobiphenyl	0.595	0.424	0.245	0.118	0.082	0.049	0.033	0.221	97.20
16)		Acenaphthylene	1.859	1.869	1.885	1.919	2.117	2.147	2.294	2.013	8.53
17)		Acenaphthene	1.144	1.158	1.176	1.194	1.341	1.386	1.473	1.267	10.33
18)		Fluorene	1.538	1.617	1.634	1.688	1.907	1.985	2.068	1.777	11.63
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.027	0.034	0.039	0.048	0.056		0.041	27.63
21)		4-Bromophenyl-...	0.248	0.236	0.235	0.233	0.252	0.271	0.300	0.254	9.59
22)		Hexachlorobenzene	0.326	0.336	0.352	0.363	0.391	0.381	0.394	0.363	7.33
23)		Atrazine	0.091	0.095	0.100	0.100	0.114	0.117	0.133	0.107	13.85
24)		Pentachlorophenol		0.067	0.079	0.082	0.097	0.112		0.087	19.82
25)		Phenanthrene	1.121	1.103	1.131	1.162	1.271	1.364	1.448	1.229	11.00
26)		Anthracene	0.904	0.899	0.911	0.953	1.100	1.252	1.367	1.055	18.01
27)	SURR	Fluoranthene-d10	0.953	0.963	0.967	0.998	1.120	1.224	1.269	1.070	12.46
28)		Fluoranthene	1.248	1.282	1.340	1.453	1.732	1.890	1.907	1.550	18.48
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.357	1.179	1.528	1.271	1.779	1.615		1.455 E1	15.55
31)	S	Terphenyl-d14	0.628	0.551	0.726	0.608	0.862	0.764	1.035	0.739 E1	22.66
32)		Benzo(a)anthra...	1.299	1.119	1.382	1.150	1.641	1.439	1.714	1.392 E1	16.32
33)		Chrysene	1.299	1.119	1.382	1.150	1.641	1.439	1.714	1.392 E1	16.32
34)		Bis(2-ethylhex...		1.747	0.910	0.506	0.436	0.229		0.765	78.59
35)	I	Perylene-d12	----------ISTD----------								

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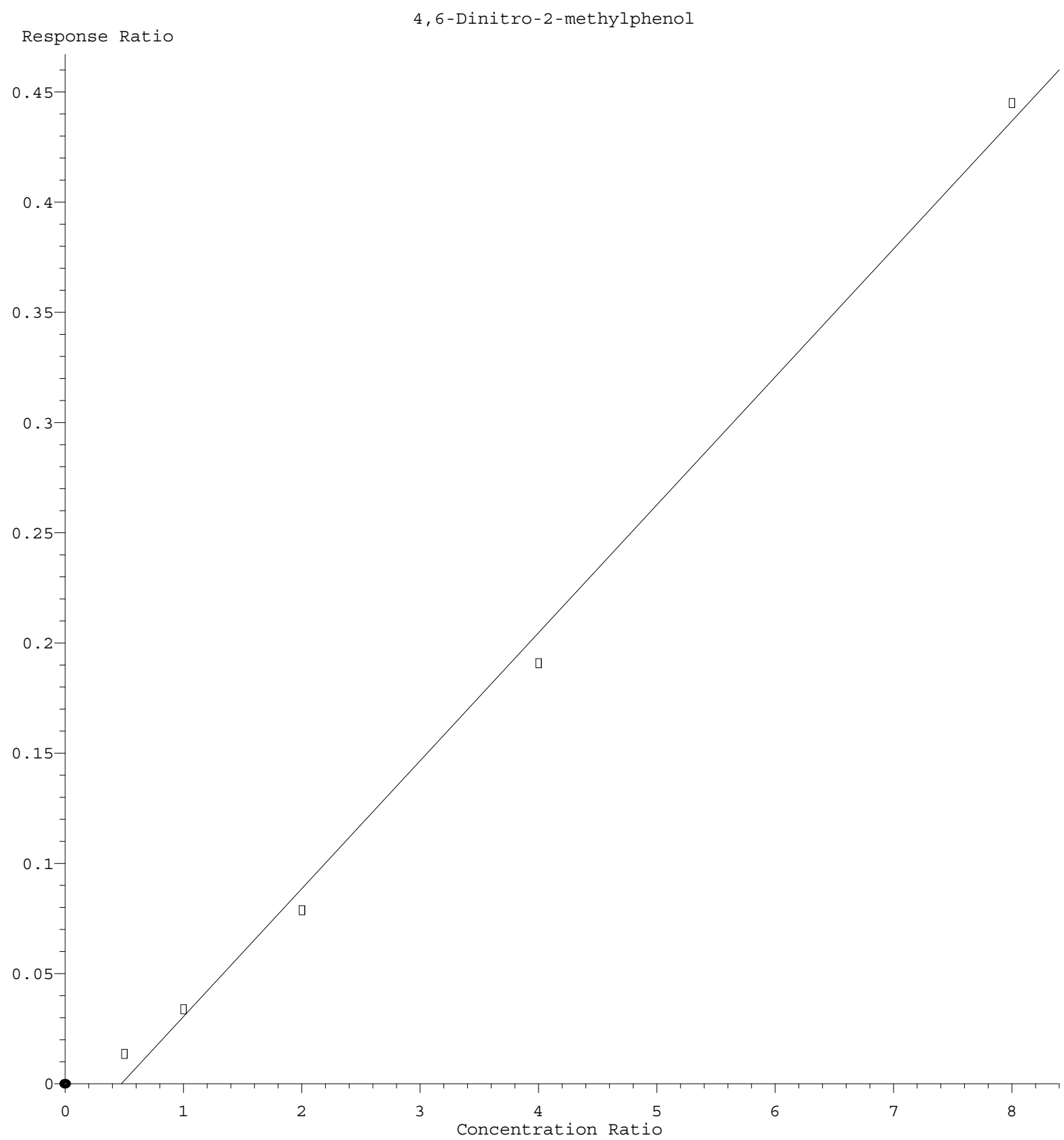
36)		Indeno(1,2,3-c...	1.377	1.410	1.523	1.574	1.744	1.787	2.049	1.638	14.53
37)		Benzo(b)fluora...	1.505	1.552	1.452	1.714	1.877	2.005	2.064	1.738	14.25
38)		Benzo(k)fluora...	1.567	1.585	1.632	1.796	2.049	2.079	2.165	1.839	13.87
39)	C	Benzo(a)pyrene	1.191	1.181	1.143	1.297	1.428	1.476	1.586	1.329	12.80
40)		Dibenzo(a,h)an...	0.961	1.028	1.107	1.202	1.353	1.402	1.612	1.238	18.62
41)		Benzo(g,h,i)pe...	1.296	1.311	1.241	1.412	1.508	1.517	1.737	1.432	11.97

(#) = Out of Range



Response = 5.804e-002 * Amt - 2.756e-002
Coef of Det (r^2) = 0.995953 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN112524.M
Calibration Table Last Updated: Tue Nov 26 02:36:08 2024