Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN122723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Dec 28 01:20:47 2023
Response Via : Initial Calibration

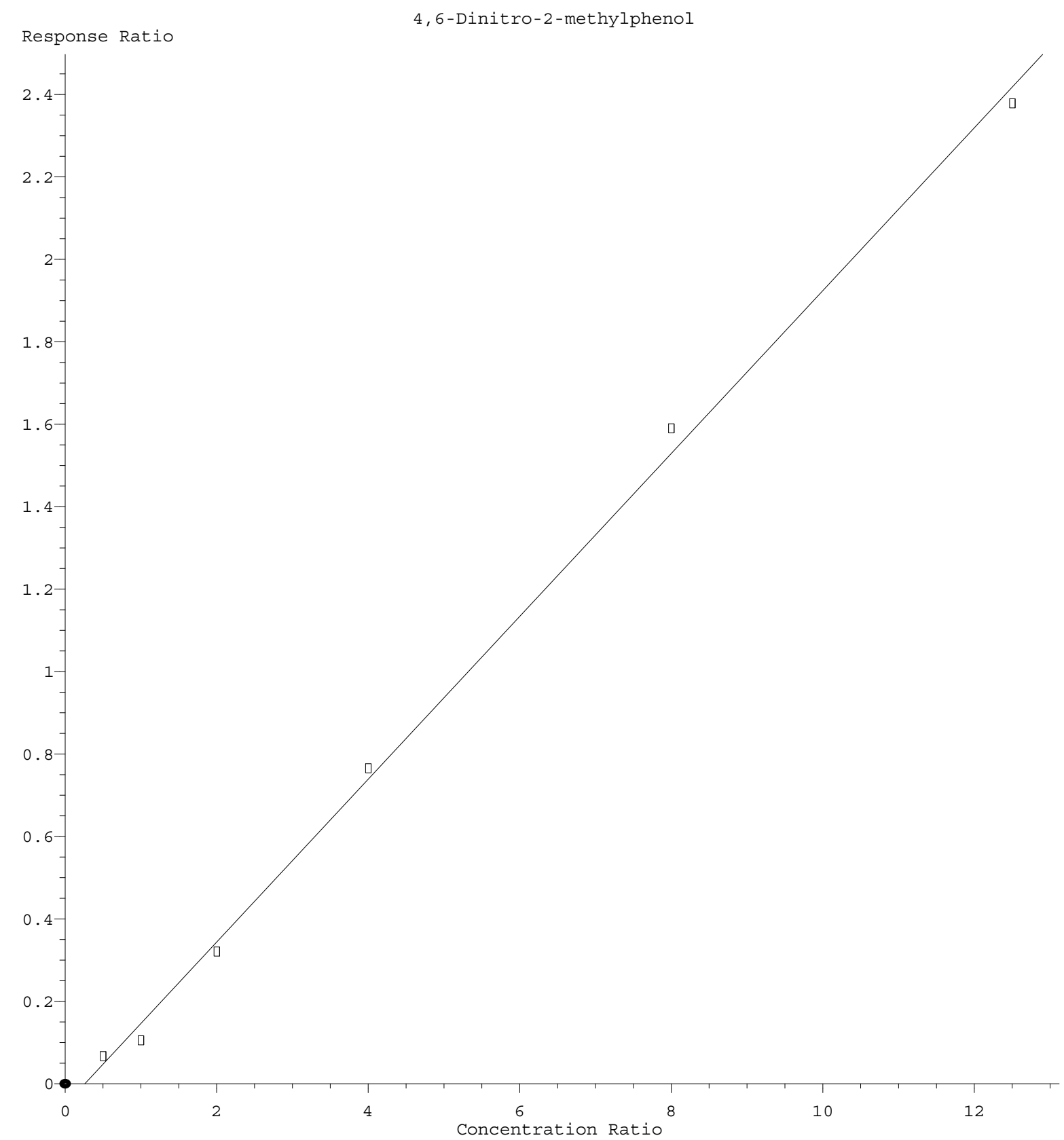
Calibration Files
0.1 =BN029194.D 0.2 =BN029195.D 0.4 =BN029196.D 0.8 =BN029197.D 1.6 =BN029198.D 3.2 =BN029199.D 5.0 =BN029200.D

		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	0.394	0.418	0.357	0.336	0.359	0.355	0.324	0.363	9.00
3)		n-Nitrosodimet...		0.303	0.285	0.277	0.309	0.336	0.319	0.305	7.15
4)	S	2-Fluorophenol	1.057	0.990	0.825	0.952	0.926	0.929	0.834	0.930	8.83
5)	S	Phenol-d6	1.142	1.007	0.858	1.072	1.088	1.120	1.025	1.045	9.14
6)		bis(2-Chloroet...	0.744	0.589	0.570	0.747	0.765	0.822	0.759	0.714	13.38
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.536	0.523	0.391	0.494	0.539	0.526	0.503	0.502	10.25
9)		Naphthalene	1.335	1.258	0.990	1.241	1.284	1.221	1.163	1.213	9.23
10)		Hexachlorobuta...	0.397	0.362	0.287	0.346	0.359	0.344	0.328	0.346	9.76
11)	SURR	2-Methylnaphth...	0.673	0.658	0.574	0.718	0.761	0.751	0.707	0.692	9.26
12)		2-Methylnaphth...	0.929	0.896	0.733	0.912	0.969	0.952	0.893	0.898	8.67
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.378	0.367	0.238	0.310	0.303	0.296	0.268	0.309	16.26
15)	S	2-Fluorobiphenyl	2.229	2.205	1.686	2.268	2.334	2.185	2.111	2.146	9.98
16)		Acenaphthylene	2.712	2.760	2.098	2.738	2.815	2.667	2.586	2.625	9.28
17)		Acenaphthene	1.775	1.720	1.305	1.683	1.731	1.634	1.541	1.627	9.89
18)		Fluorene	2.519	2.532	1.889	2.424	2.501	2.376	2.189	2.347	9.98
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.134	0.105	0.160	0.191	0.199	0.190	0.163	22.93
21)		4-Bromophenyl-...	0.365	0.354	0.271	0.357	0.363	0.366	0.344	0.346	9.76
22)		Hexachlorobenzene	0.453	0.409	0.321	0.419	0.430	0.417	0.391	0.405	10.35
23)		Atrazine	0.327	0.350	0.270	0.353	0.369	0.353	0.324	0.335	9.78
24)		Pentachlorophenol	0.295	0.256	0.201	0.257	0.282	0.293	0.259	0.263	12.25
25)		Phenanthrene	1.928	1.765	1.430	1.861	1.899	1.854	1.652	1.770	9.96
26)		Anthracene	1.869	1.702	1.406	1.795	1.881	1.807	1.635	1.728	9.66
27)	SURR	Fluoranthene-d10	0.840	0.800	0.666	0.859	0.878	0.888	0.773	0.815	9.50
28)		Fluoranthene	1.660	1.560	1.297	1.673	1.738	1.715	1.465	1.587	10.00
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	4.016	4.320	3.386	4.394	4.532	4.070	3.492	4.030	10.98
31)	S	Terphenyl-d14	1.333	1.372	0.986	1.275	1.358	1.251	1.104	1.240	11.62
32)		Benzo(a)anthra...	2.371	2.338	1.897	2.403	2.541	2.374	2.261	2.312	8.71
33)		Chrysene	2.521	2.346	1.875	2.421	2.510	2.314	2.173	2.309	9.78
34)		Bis(2-ethylhex...		3.844	2.987	3.612	3.639	3.259	2.746	3.348	12.68
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN122723.M

36)		Indeno(1,2,3-c...	2.780	2.693	2.271	2.979	3.055	2.912	2.737	2.775	9.31
37)		Benzo(b)fluora...	2.264	2.181	1.754	2.289	2.268	2.290	2.104	2.164	8.94
38)		Benzo(k)fluora...	2.075	2.068	1.657	2.196	2.314	2.274	2.092	2.097	10.36
39)	C	Benzo(a)pyrene	2.126	2.000	1.553	2.051	2.085	2.021	1.905	1.963	9.88
40)		Dibenzo(a,h)an...	2.034	2.087	1.699	2.293	2.346	2.267	2.130	2.122	10.33
41)		Benzo(g,h,i)pe...	2.335	2.343	1.932	2.531	2.597	2.446	2.270	2.351	9.25

(#) = Out of Range



Response = 1.976e-001 * Amt - 5.102e-002
Coef of Det (r^2) = 0.998030 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122723.M
Calibration Table Last Updated: Thu Dec 28 01:20:47 2023