Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN122223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Dec 23 03:51:02 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN029177.D 0.2 =BN029178.D 0.4 =BN029179.D 0.8 =BN029180.D 1.6 =BN029181.D 3.2 =BN029182.D 5.0 =BN029183.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	0.272	0.371	0.367	0.393	0.390	0.359	0.321	0.353	12.24
3)		n-Nitrosodimet...		0.228	0.210	0.275	0.301	0.295	0.280	0.265	13.98
4)	S	2-Fluorophenol	1.061	0.950	0.793	0.930	0.949	0.909	0.798	0.913	10.25
5)	S	Phenol-d6	1.089	1.028	0.849	1.071	1.105	1.049	0.974	1.024	8.63
6)		bis(2-Chloroet...	0.735	0.631	0.587	0.758	0.818	0.779	0.727	0.719	11.43
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.513	0.503	0.384	0.511	0.539	0.530	0.502	0.498	10.40
9)		Naphthalene	1.317	1.275	1.011	1.289	1.327	1.252	1.181	1.236	8.92
10)		Hexachlorobuta...	0.422	0.409	0.306	0.396	0.398	0.378	0.354	0.380	10.34
11)	SURR	2-Methylnaphth...	0.617	0.629	0.541	0.692	0.734	0.700	0.675	0.655	9.89
12)		2-Methylnaphth...	0.909	0.844	0.706	0.917	0.959	0.918	0.877	0.876	9.49
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.379	0.302	0.226	0.281	0.296	0.292	0.277	0.293	15.44
15)	S	2-Fluorobiphenyl	2.385	2.280	1.831	2.296	2.443	2.360	2.239	2.262	8.94
16)		Acenaphthylene	2.672	2.745	2.211	2.659	2.816	2.751	2.675	2.647	7.57
17)		Acenaphthene	1.752	1.664	1.321	1.639	1.736	1.654	1.587	1.622	8.89
18)		Fluorene	2.401	2.322	1.874	2.333	2.415	2.355	2.264	2.280	8.17
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.095	0.070	0.126	0.160	0.174	0.172	0.133	32.70
21)		4-Bromophenyl-...	0.404	0.372	0.291	0.389	0.409	0.393	0.376	0.376	10.59
22)		Hexachlorobenzene	0.481	0.485	0.352	0.439	0.477	0.450	0.424	0.444	10.52
23)		Atrazine	0.365	0.336	0.281	0.356	0.376	0.342	0.339	0.342	8.91
24)		Pentachlorophenol	0.280	0.234	0.188	0.256	0.289	0.280	0.277	0.258	14.04
25)		Phenanthrene	1.914	1.862	1.399	1.751	1.872	1.766	1.698	1.752	9.91
26)		Anthracene	1.772	1.716	1.332	1.702	1.863	1.735	1.664	1.683	9.93
27)	SURR	Fluoranthene-d10	0.923	0.864	0.658	0.806	0.901	0.841	0.852	0.835	10.40
28)		Fluoranthene	1.741	1.589	1.281	1.531	1.709	1.566	1.564	1.569	9.54
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	3.957	3.985	3.092	4.004	3.966	3.649	3.713	3.766	8.75
31)	S	Terphenyl-d14	1.236	1.238	0.923	1.219	1.221	1.143	1.175	1.165	9.65
32)		Benzo(a)anthra...	2.318	2.288	1.813	2.312	2.450	2.436	2.284	2.271	9.40
33)		Chrysene	2.258	2.404	1.828	2.250	2.331	2.265	2.146	2.212	8.44
34)		Bis(2-ethylhex...		3.423	2.451	3.120	2.994	2.615	2.758	2.893	12.30
35)	I	Perylene-d12	----------ISTD----------								

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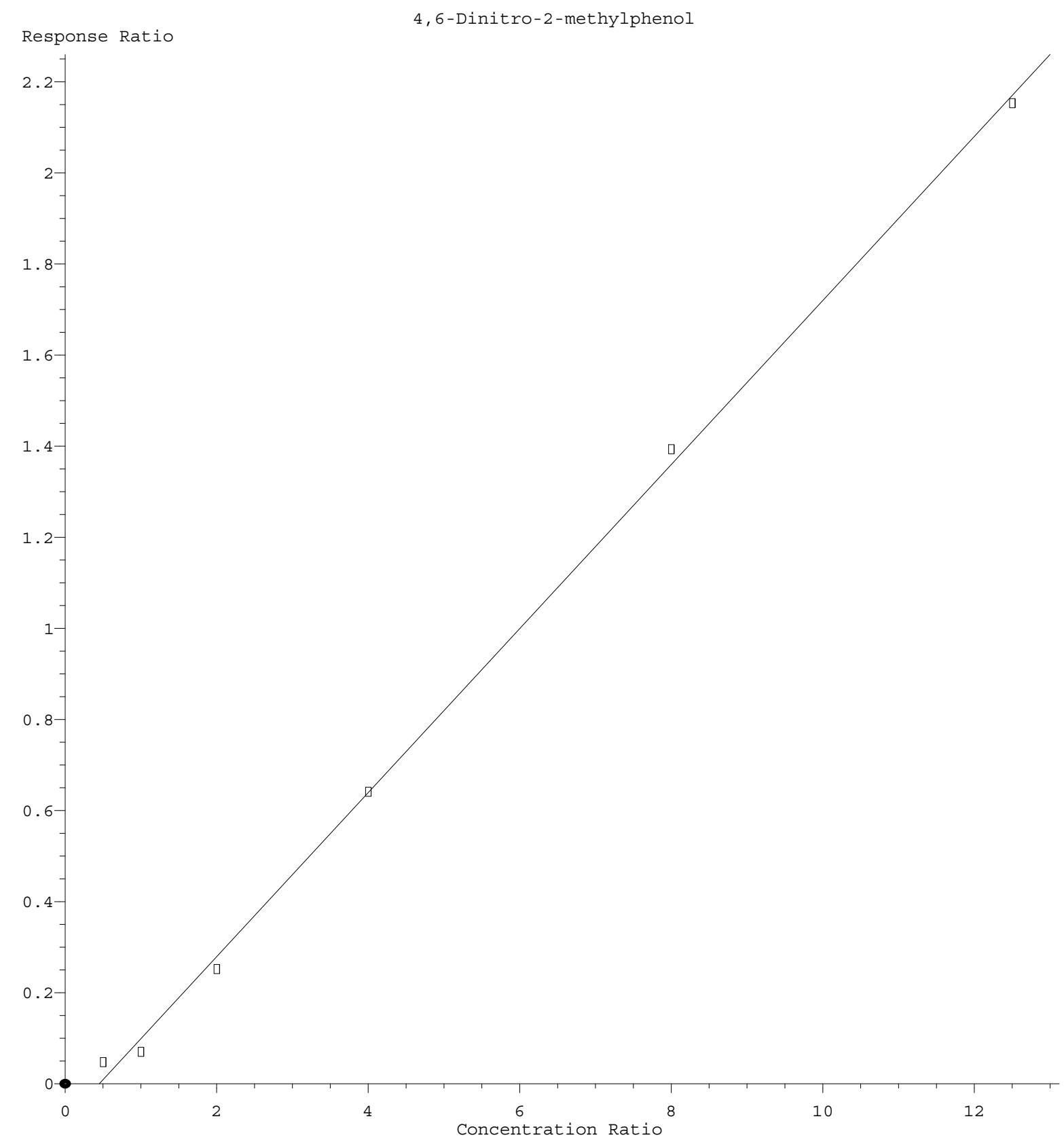
36)		Indeno(1,2,3-c...	2.723	2.531	2.170	2.825	2.980	2.925	2.733	2.698	10.21
37)		Benzo(b)fluora...	2.015	2.104	1.716	2.160	2.333	2.234	2.157	2.103	9.38
38)		Benzo(k)fluora...	2.328	2.270	1.687	2.194	2.334	2.263	2.153	2.176	10.36
39)	C	Benzo(a)pyrene	1.919	1.902	1.581	1.981	2.064	2.036	1.944	1.918	8.35
40)		Dibenzo(a,h)an...	1.923	1.948	1.654	2.111	2.272	2.275	2.128	2.044	10.82
41)		Benzo(g,h,i)pe...	2.232	2.279	1.888	2.415	2.536	2.442	2.260	2.293	9.17

(#) = Out of Range



Response = 1.800e-001 * Amt - 8.072e-002
Coef of Det (r^2) = 0.998757 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122223.M
Calibration Table Last Updated: Sat Dec 23 03:51:02 2023