Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN103024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 30 13:28:24 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN034740.D 0.2 =BN034741.D 0.4 =BN034742.D 0.8 =BN034743.D 1.6 =BN034744.D 3.2 =BN034745.D 5.0 =BN034746.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	0.498	0.441	0.407	0.462	0.438	0.418	0.405	0.439	7.62
3)		n-Nitrosodimet...	0.506	0.483	0.437	0.537	0.523	0.484	0.490	0.494	6.58
4)	S	2-Fluorophenol	1.305	1.235	1.096	1.293	1.248	1.144	1.161	1.212	6.55
5)	S	Phenol-d6	1.675	1.592	1.406	1.658	1.625	1.511	1.552	1.574	5.96
6)		bis(2-Chloroet...	1.155	1.134	1.057	1.247	1.211	1.115	1.124	1.149	5.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.320	0.305	0.278	0.338	0.328	0.308	0.323	0.314	6.25
9)		Naphthalene	1.150	1.096	0.996	1.191	1.153	1.069	1.087	1.106	5.87
10)		Hexachlorobuta...	0.191	0.182	0.165	0.197	0.190	0.173	0.177	0.182	6.17
11)	SURR	2-Methylnaphth...	0.577	0.560	0.519	0.628	0.617	0.569	0.584	0.579	6.27
12)		2-Methylnaphth...	0.719	0.708	0.649	0.785	0.769	0.709	0.725	0.723	6.16
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.199	0.178	0.158	0.204	0.213	0.206	0.224	0.198	11.32
15)	S	2-Fluorobiphenyl	1.593	1.579	1.360	1.726	1.667	1.542	1.561	1.575	7.29
16)		Acenaphthylene	2.027	1.956	1.678	2.156	2.136	2.018	2.077	2.007	8.02
17)		Acenaphthene	1.338	1.292	1.133	1.458	1.440	1.332	1.368	1.337	8.07
18)		Fluorene	1.692	1.628	1.434	1.816	1.793	1.650	1.653	1.667	7.55
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.043	0.045	0.060	0.065	0.069	0.076	0.059	22.17	
21)		4-Bromophenyl-...	0.235	0.234	0.210	0.246	0.238	0.229	0.229	0.231	4.76
22)		Hexachlorobenzene	0.265	0.262	0.238	0.278	0.267	0.254	0.250	0.259	5.10
23)		Atrazine	0.196	0.190	0.178	0.214	0.214	0.203	0.199	0.199	6.44
24)		Pentachlorophenol	0.102	0.088	0.091	0.114	0.122	0.127	0.138	0.112	16.80
25)		Phenanthrene	1.166	1.168	1.076	1.267	1.233	1.168	1.158	1.176	5.16
26)		Anthracene	1.080	1.074	0.990	1.163	1.177	1.108	1.114	1.101	5.67
27)	SURR	Fluoranthene-d10	0.935	0.883	0.849	1.006	1.019	0.940	0.937	0.938	6.48
28)		Fluoranthene	1.282	1.221	1.174	1.404	1.416	1.296	1.283	1.297	6.82
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.207	2.148	1.926	2.280	2.091	2.001	1.987	2.091	6.12
31)	S	Terphenyl-d14	0.911	0.869	0.788	0.931	0.867	0.825	0.822	0.859	5.92
32)		Benzo(a)anthra...	1.620	1.534	1.406	1.721	1.679	1.581	1.606	1.592	6.45
33)		Chrysene	1.596	1.522	1.406	1.688	1.644	1.519	1.538	1.559	5.98
34)		Bis(2-ethylhex...	1.487	1.243	1.291	1.388	1.332	1.237	1.342	1.331	6.57
35)	I	Perylene-d12	----------ISTD----------								

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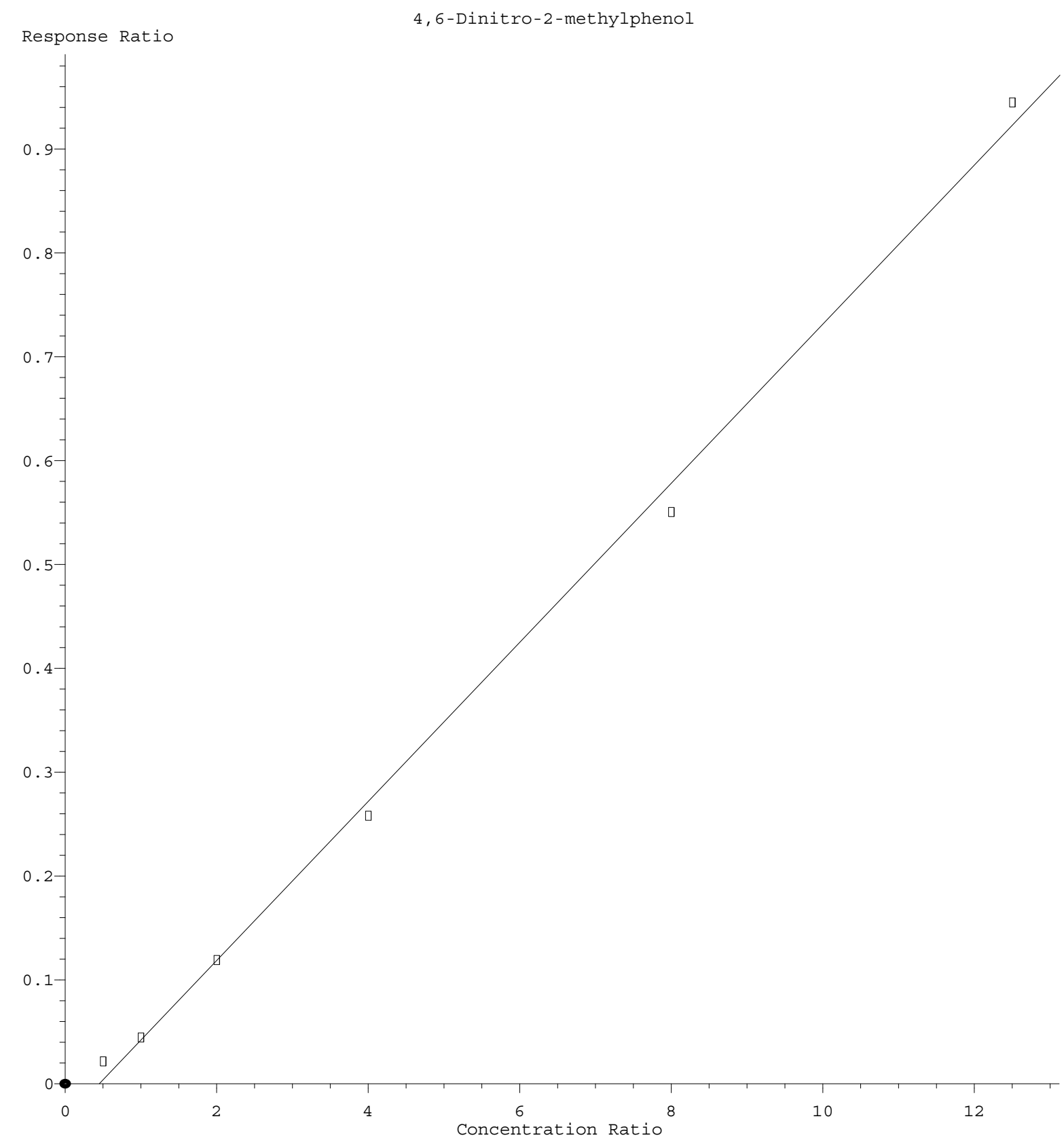
36)		Indeno(1,2,3-c...	1.517	1.552	1.332	1.572	1.482	1.423	1.421	1.471	5.76
37)		Benzo(b)fluora...	1.589	1.500	1.450	1.753	1.730	1.619	1.632	1.610	6.87
38)		Benzo(k)fluora...	1.562	1.491	1.396	1.704	1.653	1.605	1.588	1.571	6.52
39)	C	Benzo(a)pyrene	1.315	1.277	1.181	1.434	1.404	1.336	1.355	1.329	6.31
40)		Dibenzo(a,h)an...	1.189	1.210	1.035	1.230	1.152	1.110	1.107	1.147	5.98
41)		Benzo(g,h,i)pe...	1.302	1.335	1.138	1.329	1.223	1.185	1.170	1.240	6.54

(#) = Out of Range



Response = 7.663e-002 * Amt - 3.450e-002
Coef of Det (r^2) = 0.997308 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN103024.M
Calibration Table Last Updated: Wed Oct 30 13:28:24 2024