Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 14 11:36:29 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN030381.D 0.2 =BN030382.D 0.4 =BN030383.D 0.8 =BN030384.D 1.6 =BN030385.D 3.2 =BN030386.D 5.0 =BN030387.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	0.629	0.624	0.526	0.523	0.556	0.520	0.509	0.555	9.12
3)		n-Nitrosodimet...	0.468	0.549	0.439	0.510	0.537	0.544	0.517	0.509	8.08
4)	S	2-Fluorophenol	1.088	1.077	1.015	1.010	1.063	1.055	0.982	1.041	3.79
5)	S	Phenol-d6	0.905	0.957	0.945	0.969	1.116	1.121	1.092	1.015	8.98
6)		bis(2-Chloroet...	0.804	0.758	0.750	0.784	0.866	0.891	0.859	0.816	6.87
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.333	0.328	0.331	0.360	0.406	0.402	0.408	0.367	10.19
9)		Naphthalene	1.072	1.094	1.017	1.037	1.113	1.078	1.074	1.069	3.07
10)		Hexachlorobuta...	0.335	0.348	0.323	0.322	0.346	0.326	0.319	0.331	3.56
11)	SURR	2-Methylnaphth...	0.568	0.620	0.595	0.607	0.664	0.651	0.643	0.621	5.44
12)		2-Methylnaphth...	0.646	0.693	0.664	0.670	0.730	0.717	0.702	0.689	4.40
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.226	0.250	0.206	0.217	0.243	0.247	0.243	0.233	7.29
15)	S	2-Fluorobiphenyl	1.374	1.560	1.478	1.605	1.806	1.737	1.712	1.610	9.52
16)		Acenaphthylene	1.598	1.758	1.588	1.697	1.880	1.860	1.859	1.749	7.13
17)		Acenaphthene	1.094	1.182	1.073	1.116	1.204	1.197	1.166	1.147	4.58
18)		Fluorene	1.335	1.498	1.305	1.343	1.499	1.497	1.473	1.421	6.25
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.051	0.057	0.067	0.087	0.096		0.072	26.92
21)		4-Bromophenyl-...	0.211	0.231	0.218	0.233	0.256	0.257	0.246	0.236	7.58
22)		Hexachlorobenzene	0.292	0.290	0.263	0.276	0.291	0.285	0.278	0.282	3.68
23)		Atrazine	0.207	0.227	0.197	0.202	0.222	0.221	0.210	0.213	5.29
24)		Pentachlorophenol	0.174	0.148	0.125	0.132	0.149	0.152	0.152	0.148	10.75
25)		Phenanthrene	1.045	1.048	0.980	1.033	1.133	1.117	1.092	1.064	5.02
26)		Anthracene	0.889	0.934	0.909	0.948	1.048	1.053	1.041	0.975	7.24
27)	SURR	Fluoranthene-d10	1.151	1.164	1.092	1.138	1.197	1.212	1.168	1.160	3.41
28)		Fluoranthene	1.454	1.425	1.320	1.386	1.499	1.512	1.456	1.436	4.63
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.538	1.544	1.438	1.448	1.533	1.494	1.455	1.493	3.07
31)	S	Terphenyl-d14	0.981	0.951	0.846	0.877	0.931	0.903	0.871	0.909	5.29
32)		Benzo(a)anthra...	1.276	1.261	1.203	1.280	1.426	1.440	1.420	1.329	7.24
33)		Chrysene	1.513	1.519	1.414	1.416	1.516	1.468	1.419	1.466	3.38
34)		Bis(2-ethylhex...	0.822	0.786	0.639	0.642	0.665	0.666	0.641	0.694	11.02
35)	I	Perylene-d12	----------ISTD----------								

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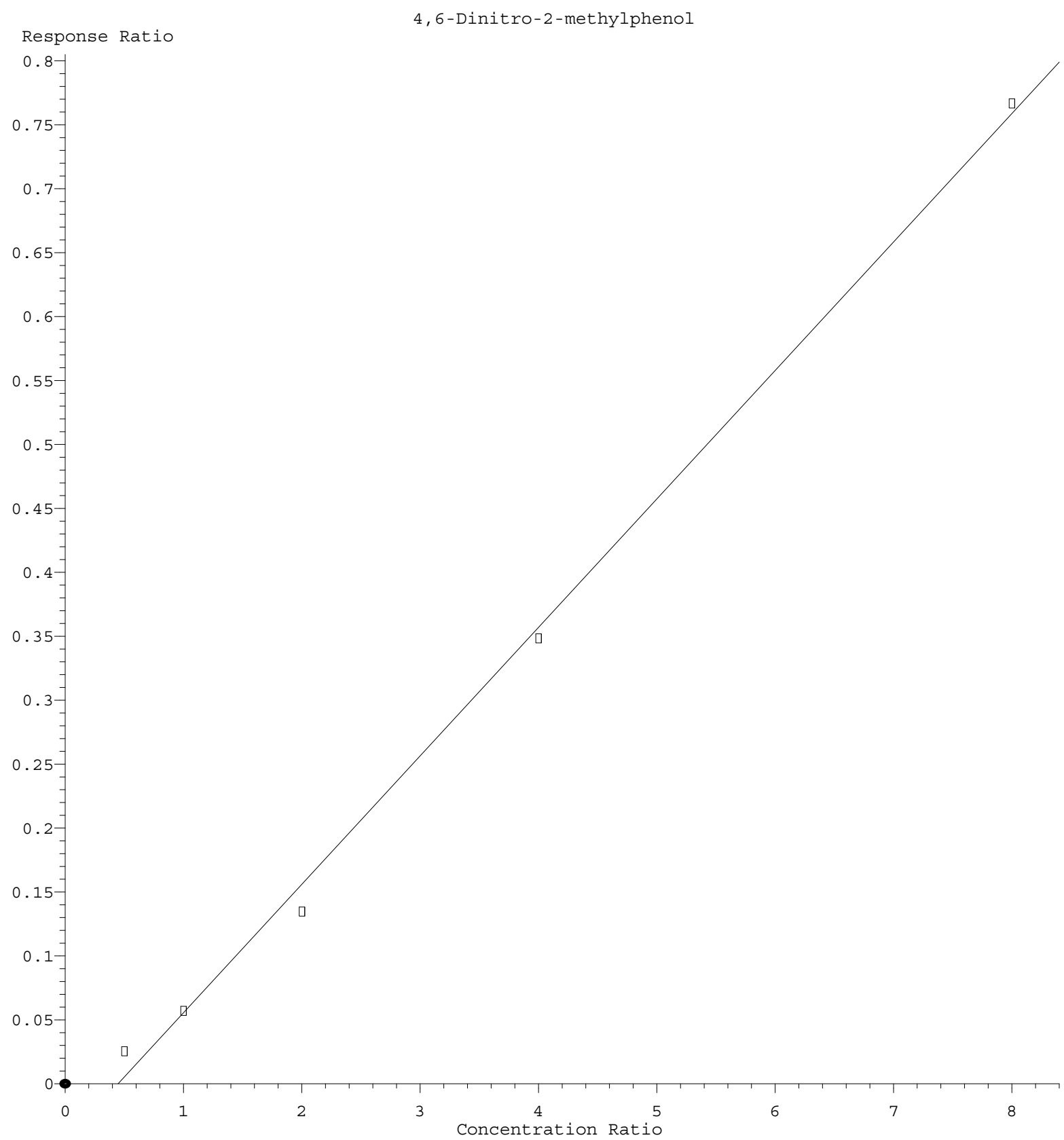
36)		Indeno(1,2,3-c...	1.586	1.585	1.577	1.684	1.834	1.846	1.809	1.703	7.29
37)		Benzo(b)fluora...	1.212	1.255	1.184	1.267	1.378	1.443	1.394	1.305	7.62
38)		Benzo(k)fluora...	1.237	1.273	1.208	1.298	1.423	1.417	1.382	1.320	6.63
39)	C	Benzo(a)pyrene	1.147	1.135	1.136	1.204	1.286	1.299	1.272	1.211	6.09
40)		Dibenzo(a,h)an...	1.175	1.225	1.260	1.363	1.479	1.493	1.443	1.348	9.59
41)		Benzo(g,h,i)pe...	1.498	1.539	1.493	1.598	1.696	1.677	1.628	1.590	5.19

(#) = Out of Range



Response = 1.004e-001 * Amt - 4.492e-002
Coef of Det (r^2) = 0.997347 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN031324.M
Calibration Table Last Updated: Thu Mar 14 11:36:29 2024