Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 03 05:41:05 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037133.D 0.2 =BN037134.D 0.4 =BN037135.D 0.8 =BN037136.D 1.6 =BN037137.D 3.2 =BN037138.D 5.0 =BN037139.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	0.694	0.599	0.530	0.506	0.510	0.478	0.457	0.539	15.17
3)		n-Nitrosodimet...	1.001	1.030	1.075	1.065	1.135	1.039	0.996	1.049	4.59
4)	S	2-Fluorophenol	1.048	1.032	0.970	0.947	1.030	0.973	0.973	0.996	3.95
5)	S	Phenol-d6	1.238	1.235	1.154	1.162	1.306	1.279	1.308	1.240	5.11
6)		bis(2-Chloroet...	0.990	1.023	1.150	1.106	1.225	1.175	1.178	1.121	7.71
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.401	0.396	0.422	0.409	0.457	0.447	0.447	0.425	5.83
9)		Naphthalene	1.160	1.137	1.100	1.114	1.212	1.164	1.160	1.150	3.20
10)		Hexachlorobuta...	0.256	0.254	0.248	0.242	0.256	0.239	0.233	0.247	3.72
11)	SURR	2-Methylnaphth...	0.518	0.549	0.572	0.557	0.611	0.594	0.603	0.572	5.81
12)		2-Methylnaphth...	0.708	0.739	0.704	0.748	0.824	0.806	0.811	0.763	6.59
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.175	0.187	0.180	0.181	0.200	0.199	0.196	0.188	5.32
15)	S	2-Fluorobiphenyl	1.633	1.715	1.595	1.577	1.791	1.644	1.645	1.657	4.43
16)		Acenaphthylene	1.891	1.886	1.748	1.867	2.091	2.045	2.086	1.945	6.72
17)		Acenaphthene	1.255	1.233	1.169	1.225	1.352	1.299	1.323	1.265	5.02
18)		Fluorene	1.698	1.702	1.617	1.680	1.859	1.814	1.811	1.740	5.07
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.067	0.079	0.091	0.114	0.120	0.126	0.100		24.02
21)		4-Bromophenyl-...	0.244	0.241	0.234	0.249	0.277	0.266	0.263	0.253	6.11
22)		Hexachlorobenzene	0.293	0.282	0.256	0.272	0.289	0.277	0.269	0.277	4.53
23)		Atrazine	0.202	0.211	0.204	0.224	0.256	0.254	0.254	0.229	10.78
24)		Pentachlorophenol	0.130	0.127	0.137	0.142	0.168	0.172	0.178	0.151	14.21
25)		Phenanthrene	1.273	1.252	1.177	1.261	1.403	1.359	1.335	1.294	5.88
26)		Anthracene	1.118	1.086	1.050	1.161	1.306	1.294	1.303	1.188	9.32
27)	SURR	Fluoranthene-d10	1.005	0.998	1.066	1.036	1.168	1.157	1.146	1.082	6.82
28)		Fluoranthene	1.400	1.390	1.417	1.477	1.691	1.669	1.641	1.526	8.86
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.034	1.982	1.746	1.871	1.963	1.830	1.836	1.894	5.36
31)	S	Terphenyl-d14	1.002	0.956	0.868	0.930	0.985	0.926	0.921	0.941	4.74
32)		Benzo(a)anthra...	1.363	1.386	1.298	1.422	1.604	1.530	1.562	1.452	7.86
33)		Chrysene	1.697	1.663	1.499	1.576	1.691	1.597	1.566	1.613	4.57
34)		Bis(2-ethylhex...	1.118	1.055	0.936	0.985	1.034	1.034	1.087	1.035	5.89
35)	I	Perylene-d12	----------ISTD----------								

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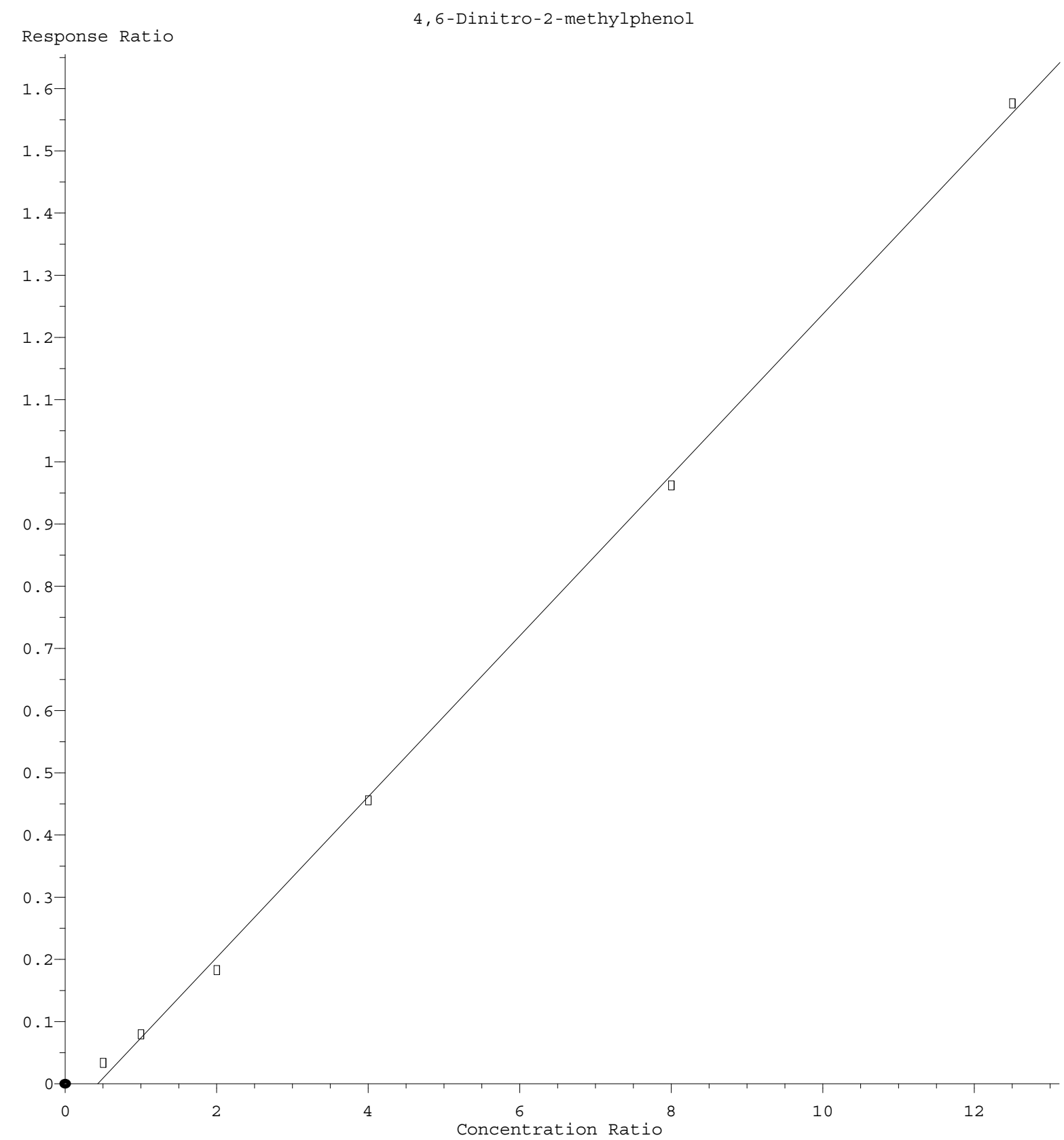
36)		Indeno(1,2,3-c...	1.303	1.368	1.337	1.457	1.635	1.576	1.601	1.468	9.29
37)		Benzo(b)fluora...	1.552	1.598	1.468	1.608	1.747	1.724	1.764	1.637	6.77
38)		Benzo(k)fluora...	1.640	1.544	1.487	1.595	1.763	1.734	1.735	1.642	6.46
39)	C	Benzo(a)pyrene	1.309	1.311	1.207	1.312	1.454	1.432	1.451	1.354	6.92
40)		Dibenzo(a,h)an...	0.940	0.967	0.991	1.058	1.264	1.226	1.244	1.099	12.89
41)		Benzo(g,h,i)pe...	1.224	1.281	1.241	1.304	1.436	1.345	1.339	1.310	5.49

(#) = Out of Range



Response = 1.293e-001 * Amt - 5.519e-002
Coef of Det (r^2) = 0.999136 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN060225.M
Calibration Table Last Updated: Tue Jun 03 05:41:05 2025