Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN071124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 10 23:45:48 2024
Response Via : Initial Calibration

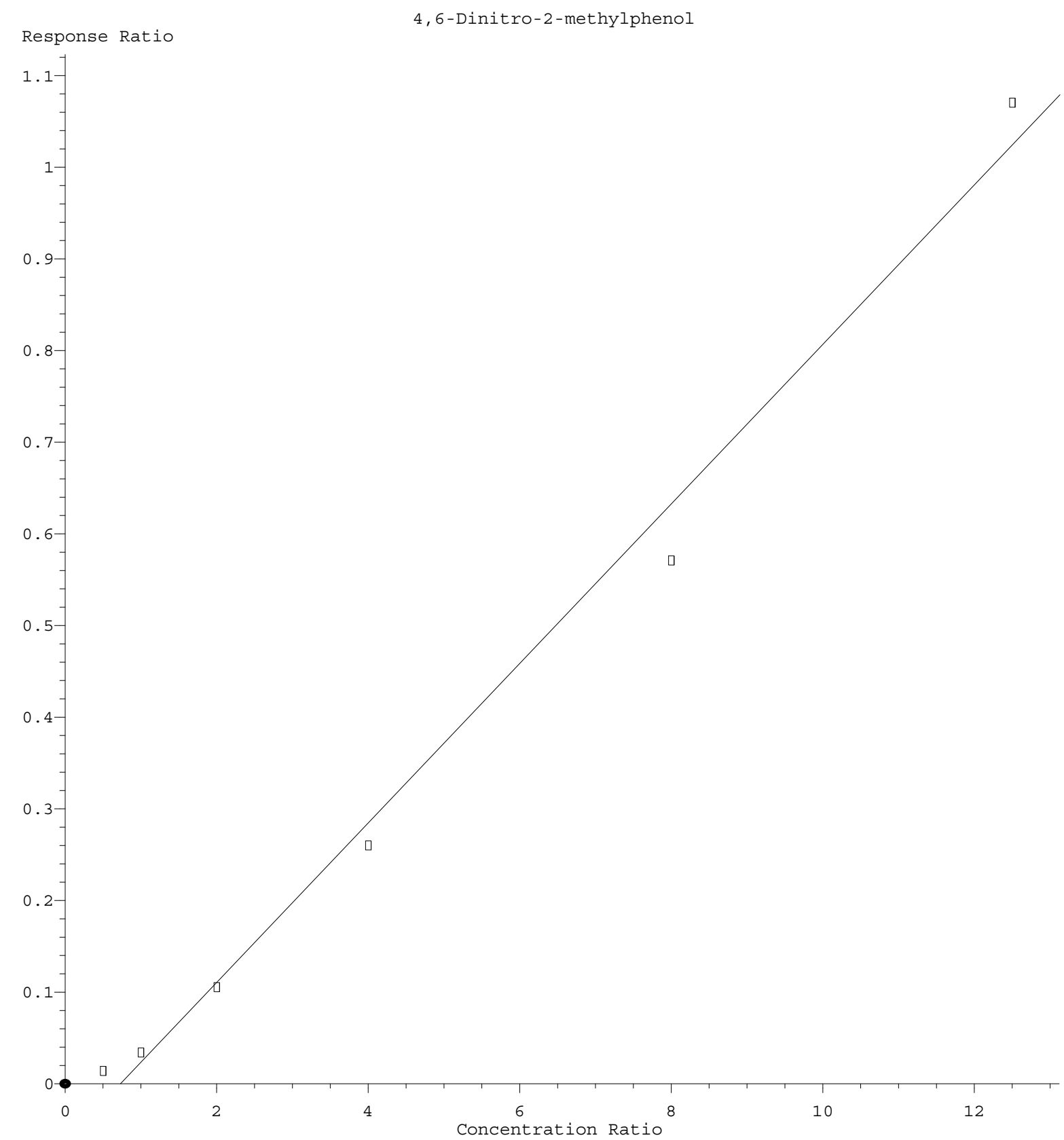
Calibration Files
0.1 =BN032616.D 0.2 =BN032617.D 0.4 =BN032618.D 0.8 =BN032619.D 1.6 =BN032620.D 3.2 =BN032621.D 5.0 =BN032622.D

		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	0.613	0.525	0.495	0.515	0.476	0.434	0.411	0.496	13.37
3)		n-Nitrosodimet...	0.451	0.408	0.421	0.441	0.428	0.400	0.383	0.419	5.66
4)	S	2-Fluorophenol	1.089	0.979	1.038	1.043	1.009	0.974	0.950	1.012	4.79
5)	S	Phenol-d6	1.214	1.102	1.258	1.297	1.331	1.282	1.308	1.256	6.20
6)		bis(2-Chloroet...	0.977	0.841	1.059	1.258	1.054	1.062	1.099	1.050	11.98
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.268	0.271	0.291	0.331	0.328	0.310	0.309	0.301	8.50
9)		Naphthalene	1.116	1.074	1.103	1.173	1.147	1.071	1.069	1.108	3.66
10)		Hexachlorobuta...	0.228	0.216	0.214	0.222	0.212	0.197	0.193	0.212	5.95
11)	SURR	2-Methylnaphth...	0.594	0.576	0.597	0.657	0.650	0.596	0.613	0.612	4.99
12)		2-Methylnaphth...	0.677	0.665	0.697	0.784	0.785	0.720	0.738	0.724	6.64
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.168	0.150	0.153	0.174	0.183	0.173	0.196	0.171	9.39
15)	S	2-Fluorobiphenyl	1.471	1.388	1.485	1.608	1.547	1.475	1.448	1.489	4.74
16)		Acenaphthylene	1.493	1.457	1.495	1.715	1.765	1.718	1.747	1.627	8.46
17)		Acenaphthene	1.117	1.088	1.142	1.251	1.212	1.134	1.126	1.153	4.97
18)		Fluorene	1.504	1.473	1.523	1.674	1.635	1.470	1.507	1.541	5.23
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.028	0.034	0.053	0.065	0.071	0.086	0.056	39.53	
21)		4-Bromophenyl-...	0.235	0.219	0.231	0.245	0.244	0.237	0.234	0.235	3.79
22)		Hexachlorobenzene	0.270	0.254	0.258	0.277	0.272	0.262	0.249	0.263	3.92
23)		Atrazine	0.164	0.156	0.155	0.182	0.188	0.177	0.191	0.173	8.64
24)		Pentachlorophenol	0.113	0.080	0.081	0.093	0.100	0.103	0.115	0.098	14.14
25)		Phenanthrene	1.036	0.986	1.058	1.197	1.172	1.108	1.095	1.093	6.79
26)		Anthracene	0.760	0.742	0.789	0.963	1.024	1.001	1.019	0.900	14.38
27)	SURR	Fluoranthene-d10	1.009	0.987	0.986	1.101	1.097	1.018	1.047	1.035	4.69
28)		Fluoranthene	1.263	1.235	1.250	1.418	1.430	1.316	1.346	1.323	6.01
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.719	1.569	1.692	1.772	1.676	1.506	1.503	1.634	6.58
31)	S	Terphenyl-d14	0.861	0.794	0.846	0.886	0.841	0.744	0.767	0.820	6.37
32)		Benzo(a)anthra...	1.224	1.077	1.198	1.352	1.336	1.313	1.354	1.265	8.18
33)		Chrysene	1.490	1.507	1.549	1.597	1.576	1.397	1.410	1.504	5.17
34)		Bis(2-ethylhex...	0.701	0.684	0.604	0.695	0.711	0.703	0.803	0.700	8.28
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN071124.M

36)		Indeno(1,2,3-c...	1.547	1.410	1.534	1.674	1.629	1.704	1.539	1.577	6.37
37)		Benzo(b)fluora...	1.190	1.195	1.313	1.544	1.566	1.434	1.510	1.393	11.54
38)		Benzo(k)fluora...	1.502	1.528	1.587	1.770	1.684	1.561	1.514	1.592	6.25
39)	C	Benzo(a)pyrene	1.200	1.142	1.203	1.362	1.344	1.272	1.272	1.256	6.37
40)		Dibenzo(a,h)an...	1.180	1.116	1.215	1.323	1.294	1.362	1.228	1.245	6.90
41)		Benzo(g,h,i)pe...	1.374	1.288	1.378	1.459	1.394	1.470	1.293	1.379	5.17

(#) = Out of Range



Response = 8.706e-002 * Amt - 6.380e-002
Coef of Det (r^2) = 0.990767 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN071124.M
Calibration Table Last Updated: Wed Jul 10 23:45:48 2024