Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 28 05:23:31 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN026030.D 0.2 =BN026031.D 0.4 =BN026032.D 0.8 =BN026033.D 1.6 =BN026034.D 3.2 =BN026035.D 5.0 =BN026036.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	0.503	0.475	0.464	0.419	0.351	0.376	0.375	0.423	13.78
3)		n-Nitrosodimet...		0.304	0.391	0.462	0.414	0.490	0.510	0.429	17.60
4)	S	2-Fluorophenol	1.091	1.066	0.971	1.047	0.816	0.883	0.919	0.970	10.60
5)	S	Phenol-d6	1.248	1.258	1.229	1.347	1.086	1.221	1.268	1.237	6.32
6)		bis(2-Chloroet...	0.926	1.152	0.995	1.068	0.910	1.034	1.046	1.019	8.23
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.321	0.311	0.334	0.361	0.305	0.362	0.402	0.342	10.09
9)		Naphthalene	1.125	1.106	1.108	1.109	0.930	1.068	1.134	1.083	6.52
10)		Hexachlorobuta...	0.226	0.216	0.216	0.215	0.177	0.202	0.211	0.209	7.58
11)	SURR	2-Methylnaphth...	0.572	0.572	0.593	0.608	0.514	0.599	0.636	0.585	6.52
12)		2-Methylnaphth...	0.747	0.748	0.787	0.785	0.666	0.779	0.821	0.762	6.49
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.139	0.130	0.139	0.144	0.130	0.155	0.182	0.146	12.41
15)	S	2-Fluorobiphenyl	1.424	1.492	1.531	1.650	1.387	1.592	1.733	1.544	7.99
16)		Acenaphthylene	1.738	1.769	1.855	1.918	1.670	2.021	2.159	1.876	9.13
17)		Acenaphthene	1.191	1.229	1.237	1.238	1.059	1.230	1.295	1.211	6.09
18)		Fluorene	1.468	1.525	1.634	1.622	1.408	1.643	1.753	1.579	7.47
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.035	0.034	0.047	0.056	0.056			0.046	23.18
21)		4-Bromophenyl-...	0.202	0.212	0.230	0.243	0.205	0.243	0.264	0.228	10.12
22)		Hexachlorobenzene	0.247	0.238	0.233	0.234	0.195	0.220	0.234	0.229	7.36
23)		Atrazine	0.185	0.183	0.198	0.198	0.172	0.208	0.230	0.196	9.70
24)		Pentachlorophenol	0.096	0.088	0.105	0.101	0.094	0.125	0.145	0.108	18.66
25)		Phenanthrene	1.147	1.115	1.215	1.201	1.037	1.206	1.282	1.172	6.78
26)		Anthracene	0.901	0.976	1.065	1.082	0.949	1.155	1.259	1.055	11.85
27)	SURR	Fluoranthene-d10	0.781	0.795	0.914	0.833	0.761	0.894	0.957	0.848	8.81
28)		Fluoranthene	1.160	1.136	1.315	1.203	1.111	1.303	1.387	1.231	8.51
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.237	2.279	2.322	2.225	1.935	2.214	2.302	2.216	5.89
31)	S	Terphenyl-d14	1.145	1.043	1.011	1.006	0.883	0.998	1.081	1.024	7.91
32)		Benzo(a)anthra...	1.382	1.378	1.425	1.522	1.263	1.518	1.589	1.439	7.70
33)		Chrysene	1.707	1.639	1.693	1.591	1.393	1.565	1.640	1.604	6.60
34)		Bis(2-ethylhex...	1.606	1.290	1.341	1.177	1.031	1.226	1.319	1.284	13.75
35)	I	Perylene-d12	----------ISTD----------								

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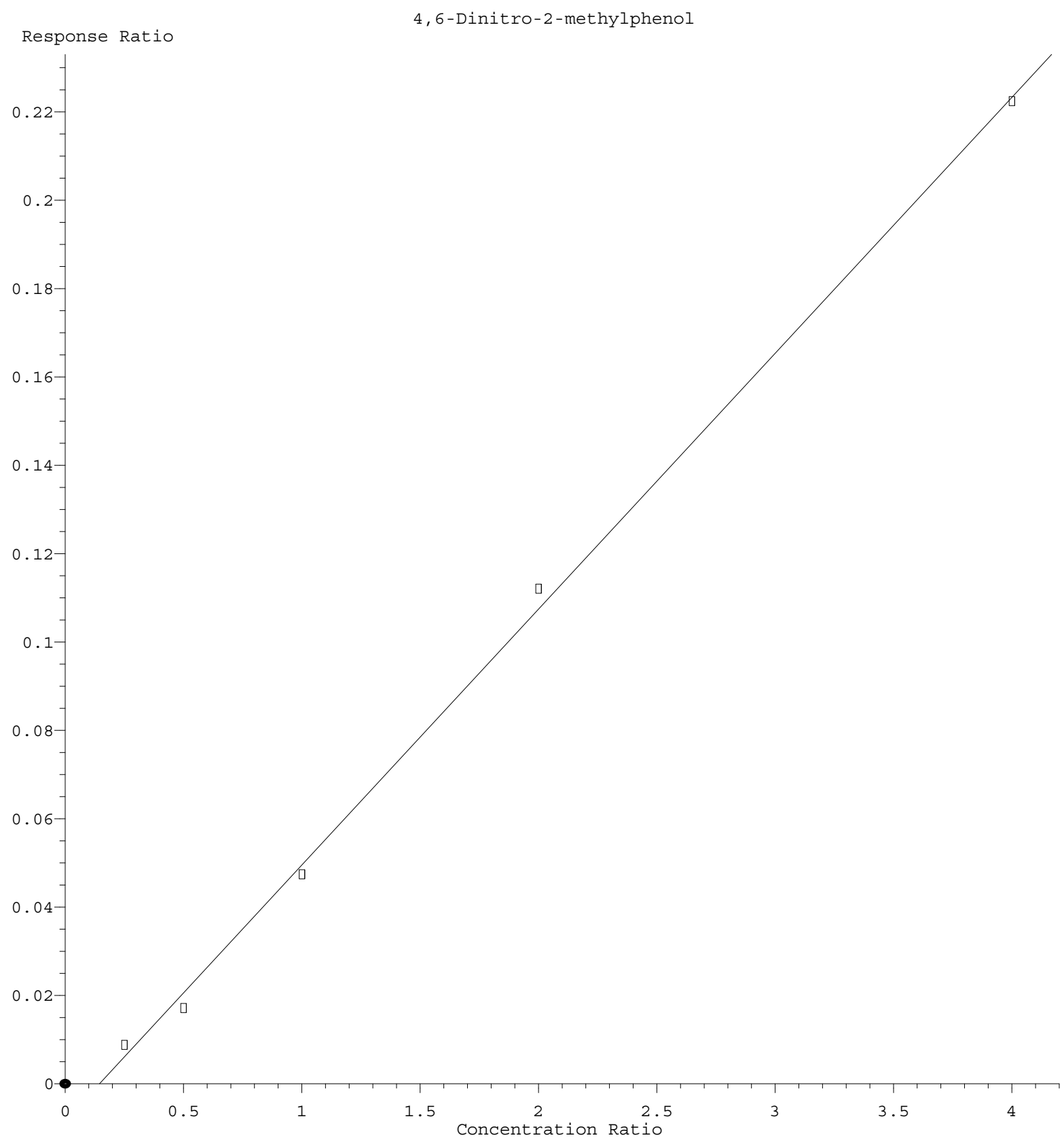
36)		Indeno(1,2,3-c...	1.654	1.712	1.633	1.745	1.399	1.629	1.722	1.642	7.08
37)		Benzo(b)fluora...	1.358	1.384	1.456	1.488	1.278	1.551	1.643	1.451	8.50
38)		Benzo(k)fluora...	1.613	1.558	1.599	1.544	1.359	1.572	1.740	1.569	7.23
39)	C	Benzo(a)pyrene	1.304	1.386	1.459	1.474	1.267	1.476	1.601	1.424	8.02
40)		Dibenzo(a,h)an...	1.234	1.340	1.306	1.385	1.116	1.292	1.325	1.285	6.84
41)		Benzo(g,h,i)pe...	1.523	1.598	1.517	1.611	1.264	1.442	1.534	1.499	7.85

(#) = Out of Range



Response = 5.805e-002 * Amt - 8.413e-003
Coef of Det (r^2) = 0.998556 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN062723.M
Calibration Table Last Updated: Wed Jun 28 05:23:31 2023