Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN120522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Dec 06 04:02:46 2022
Response Via : Initial Calibration

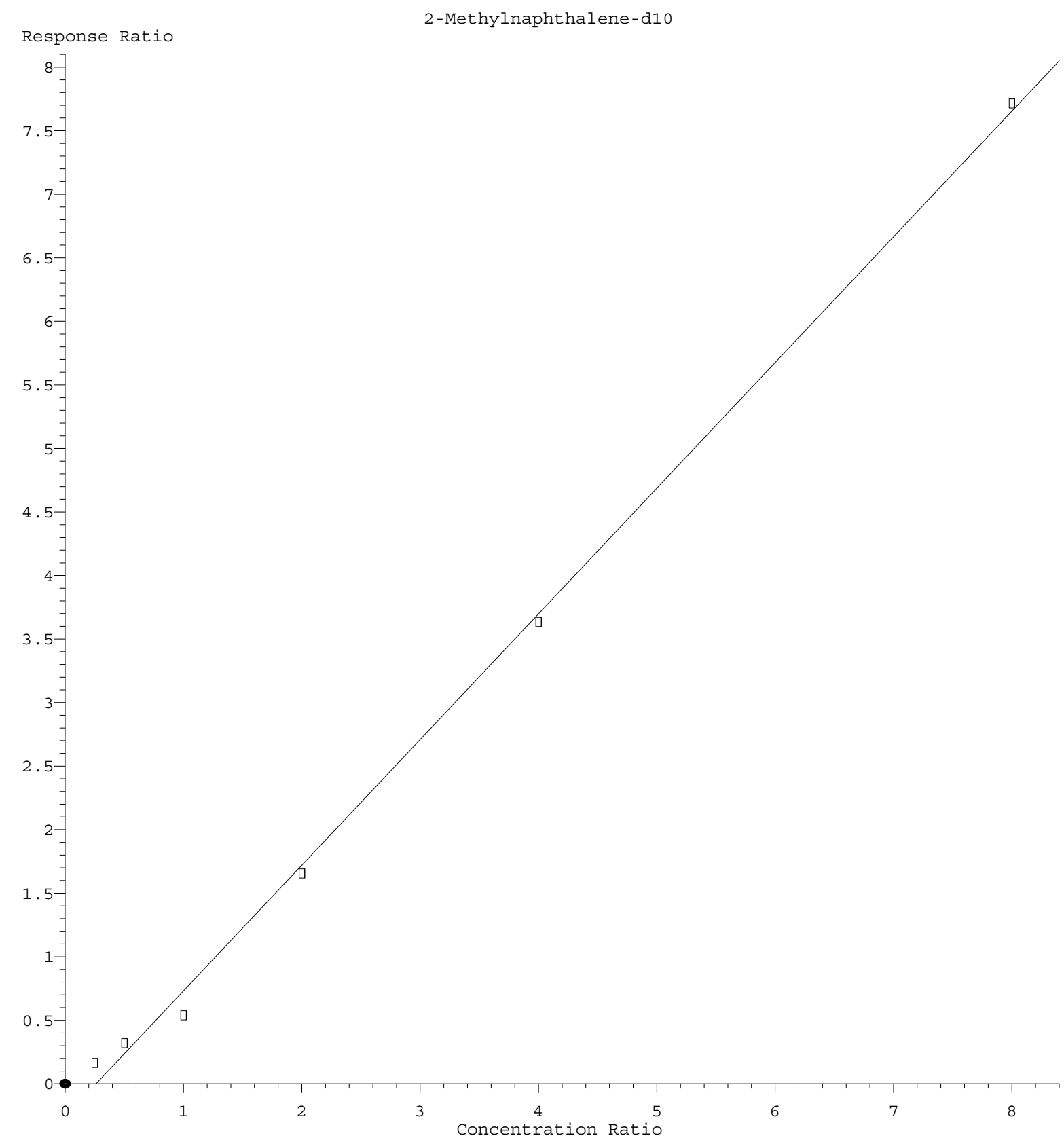
Calibration Files
0.1 =BN023057.D 0.2 =BN023058.D 0.4 =BN023059.D 0.8 =BN023060.D 1.6 =BN023061.D 3.2 =BN023062.D 5.0 =BN023063.D

		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	0.616	0.538	0.429	0.489	0.497	0.473	0.455	0.499	12.33
3)		n-Nitrosodimet...	0.646	0.558	0.461	0.544	0.569	0.559	0.547	0.555	9.76
4)	S	2-Fluorophenol	1.052	0.973	0.764	0.858	0.885	0.869	0.860	0.894	10.34
5)	S	Phenol-d6	1.352	1.238	1.011	1.132	1.189	1.204	1.192	1.188	8.70
6)		bis(2-Chloroet...	1.421	1.358	1.115	1.302	1.350	1.290	1.211	1.292	7.88
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.318	0.301	0.254	0.294	0.303	0.315	0.325	0.301	7.82
9)		Naphthalene	1.268	1.217	1.041	1.214	1.256	1.263	1.258	1.217	6.63
10)		Hexachlorobuta...	0.235	0.233	0.203	0.234	0.238	0.231	0.227	0.229	5.24
11)	SURR	2-Methylnaphth...	0.655	0.639	0.539	0.828	0.909	0.964		0.756	22.37
12)		2-Methylnaphth...	0.192	0.182	0.158	0.191	0.211	0.248	0.266	0.207	18.36
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.171	0.150	0.135	0.153	0.168	0.190	0.193	0.166	12.90
15)	S	2-Fluorobiphenyl	1.914	1.814	1.565	1.763	1.848	1.846	1.799	1.793	6.19
16)		Acenaphthylene	1.836	1.827	1.593	1.869	2.064	2.237	2.242	1.953	12.24
17)		Acenaphthene	1.373	1.352	1.193	1.365	1.449	1.506	1.482	1.388	7.58
18)		Fluorene	1.760	1.650	1.414	1.674	1.823	1.867	1.817	1.715	9.03
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.059	0.054	0.052	0.057	0.066	0.075	0.079	0.063	16.93
21)		4-Bromophenyl-...	0.263	0.246	0.221	0.256	0.270	0.277	0.272	0.258	7.49
22)		Hexachlorobenzene	0.307	0.310	0.283	0.327	0.343	0.338	0.324	0.319	6.45
23)		Atrazine	0.175	0.158	0.135	0.157	0.175	0.195	0.199	0.170	13.19
24)		Pentachlorophenol	0.070	0.072	0.067	0.083	0.098			0.078	16.22
25)		Phenanthrene	1.447	1.338	1.193	1.359	1.450	1.468	1.451	1.387	7.16
26)		Anthracene	1.075	1.037	0.935	1.088	1.224	1.300	1.313	1.139	12.51
27)	SURR	Fluoranthene-d10	1.179	1.081	0.941	1.077	1.172	1.261	1.275	1.141	10.29
28)		Fluoranthene	1.521	1.424	1.274	1.501	1.662	1.744	1.711	1.548	10.91
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.749	1.676	1.466	1.667	1.813	1.738	1.720	1.690	6.51
31)	S	Terphenyl-d14	0.904	0.815	0.709	0.822	0.838	0.811	0.826	0.818	7.00
32)		Benzo(a)anthra...	1.487	1.419	1.273	1.445	1.547	1.586	1.595	1.479	7.65
33)		Chrysene	1.657	1.664	1.447	1.636	1.724	1.695	1.658	1.640	5.48
34)		Bis(2-ethylhex...		0.639	0.512	0.536	0.558	0.609	0.619	0.579	8.76
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN120522.M

36)		Indeno(1,2,3-c...	1.964	2.004	1.726	2.141	2.351	2.467	2.451	2.158	12.93
37)		Benzo(b)fluora...	1.746	1.697	1.544	1.839	1.983	2.016	1.979	1.829	9.64
38)		Benzo(k)fluora...	1.724	1.735	1.558	1.908	2.093	2.100	2.041	1.880	11.28
39)	C	Benzo(a)pyrene	1.352	1.317	1.161	1.375	1.561	1.630	1.650	1.435	12.71
40)		Dibenzo(a,h)an...	1.551	1.585	1.371	1.724	1.893	1.981	1.944	1.721	13.35
41)		Benzo(g,h,i)pe...	1.648	1.666	1.511	1.792	1.938	2.054	2.004	1.802	11.33

(#) = Out of Range



Response = 9.890e-001 * Amt - 2.585e-001
Coef of Det (r^2) = 0.997996 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN120522.M
Calibration Table Last Updated: Tue Dec 06 04:02:46 2022