Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN110322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Nov 04 03:28:17 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN022475.D 0.2 =BN022476.D 0.4 =BN022477.D 0.8 =BN022478.D 1.6 =BN022479.D 3.2 =BN022480.D 5.0 =BN022481.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	0.535	0.543	0.615	0.610	0.670	0.638	0.597	0.601	8.09
3)		n-Nitrosodimet...	0.497	0.516	0.610	0.639	0.718	0.712	0.675	0.624	14.23
4)	S	2-Fluorophenol	1.105	1.022	1.175	1.118	1.186	1.159	1.142	1.130	4.93
5)	S	Phenol-d6	1.274	1.227	1.471	1.441	1.612	1.439	1.503	1.424	9.31
6)		bis(2-Chloroet...	1.287	0.939	1.285	1.296	1.477	1.272	1.367	1.275	12.92
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.375	0.364	0.337	0.380	0.304	0.367	0.403	0.361	8.92
9)		Naphthalene	1.239	1.202	1.173	1.201	1.231	1.221	1.216	1.212	1.82
10)		Hexachlorobuta...	0.212	0.208	0.201	0.235	0.207	0.201	0.201	0.209	5.84
11)	SURR	2-Methylnaphth...	0.645	0.641	0.630	0.761	0.677	0.674	0.671	0.671	6.52
12)		2-Methylnaphth...	0.237	0.255	0.255	0.326	0.304	0.317	0.325	0.288	13.18
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.197	0.191	0.200	0.198	0.219	0.231	0.234	0.210	8.50
15)	S	2-Fluorobiphenyl	1.676	1.622	1.712	1.617	1.693	1.672	1.675	1.667	2.10
16)		Acenaphthylene	1.906	1.869	1.877	1.966	2.158	2.203	2.234	2.030	7.96
17)		Acenaphthene	1.308	1.272	1.253	1.284	1.358	1.346	1.339	1.308	3.10
18)		Fluorene	1.860	1.789	1.767	1.818	1.894	1.867	1.842	1.834	2.46
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.043	0.049	0.061	0.078	0.096		0.065	33.45
21)		4-Bromophenyl-...	0.244	0.235	0.233	0.241	0.255	0.259	0.262	0.247	4.76
22)		Hexachlorobenzene	0.276	0.280	0.271	0.276	0.291	0.290	0.292	0.282	3.02
23)		Atrazine	0.217	0.215	0.204	0.214	0.228	0.238	0.242	0.223	6.27
24)		Pentachlorophenol		0.081	0.088	0.103	0.122	0.139		0.107	22.67
25)		Phenanthrene	1.328	1.296	1.262	1.305	1.374	1.409	1.385	1.337	4.01
26)		Anthracene	1.118	1.099	1.087	1.136	1.236	1.267	1.291	1.176	7.27
27)	SURR	Fluoranthene-d10	1.123	1.101	1.066	1.095	1.159	0.919	1.187	1.093	7.96
28)		Fluoranthene	1.489	1.449	1.415	1.453	1.543	1.195	1.543	1.441	8.23
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.755	2.056	1.651	1.680	1.751	1.420	1.776	1.727	10.94
31)	S	Terphenyl-d14	1.286	1.479	1.241	1.186	1.265	1.054	1.216	1.247	10.23
32)		Benzo(a)anthra...	1.578	1.551	1.565	1.572	1.637	1.687	1.669	1.608	3.42
33)		Chrysene	1.582	1.554	1.578	1.563	1.620	1.635	1.620	1.593	1.99
34)		Bis(2-ethylhex...	1.720	1.414	1.273	1.204	1.259	1.303	1.313	1.355	12.78
35)	I	Perylene-d12	----------ISTD----------								

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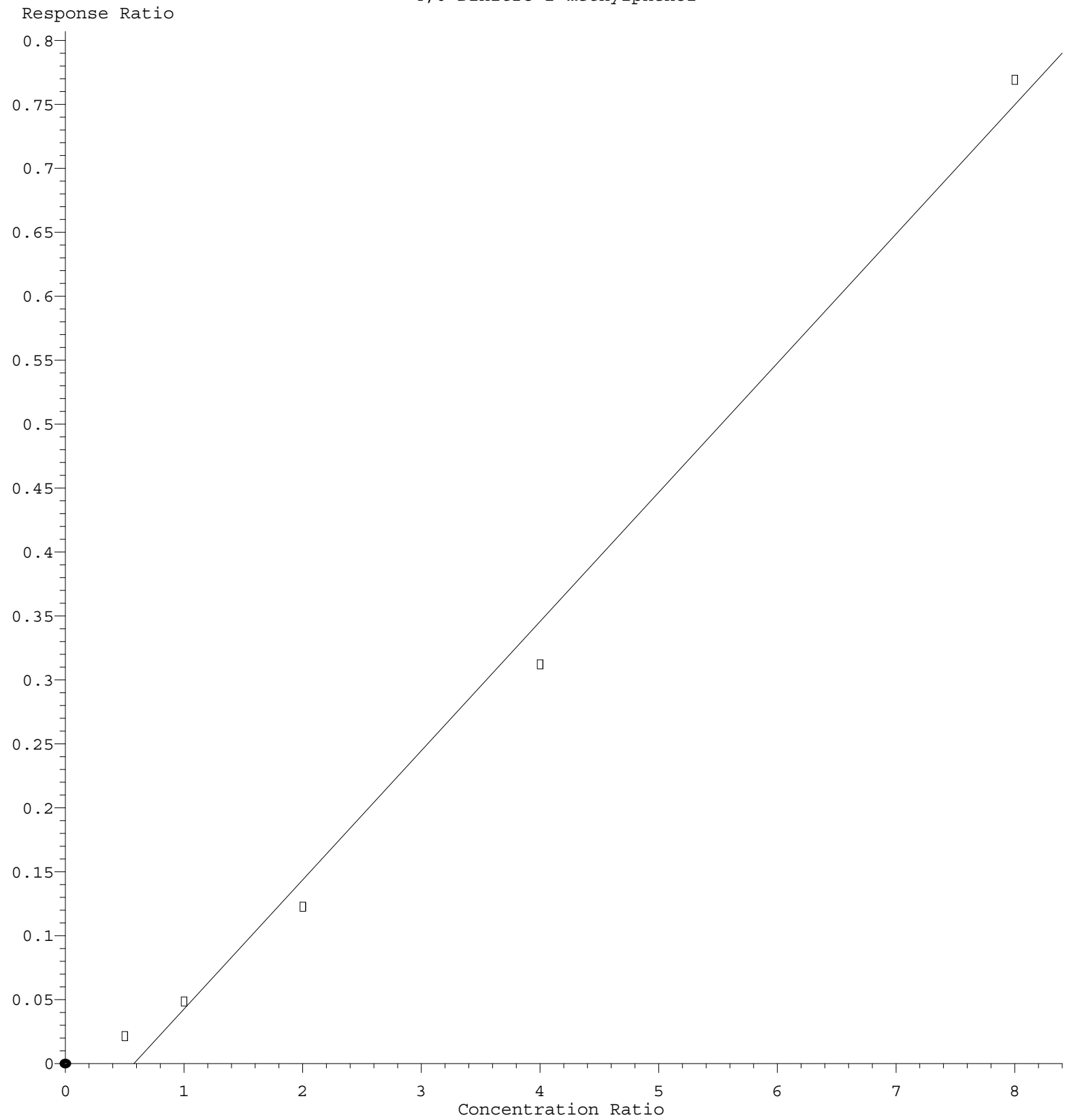
36)		Indeno(1,2,3-c...	1.898	2.086	1.826	1.848	1.934	1.929	1.961	1.926	4.43
37)		Benzo(b)fluora...	1.562	1.442	1.518	1.554	1.639	1.630	1.664	1.573	4.96
38)		Benzo(k)fluora...	1.638	1.471	1.547	1.575	1.630	1.692	1.674	1.604	4.85
39)	C	Benzo(a)pyrene	1.363	1.269	1.299	1.318	1.380	1.390	1.411	1.347	3.89
40)		Dibenzo(a,h)an...	1.515	1.665	1.449	1.479	1.536	1.526	1.556	1.532	4.49
41)		Benzo(g,h,i)pe...	1.663	1.767	1.548	1.565	1.612	1.602	1.636	1.628	4.49

(#) = Out of Range

4,6-Dinitro-2-methylphenol



Response = 1.010e-001 * Amt - 5.834e-002
Coef of Det (r^2) = 0.992579 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN110322.M
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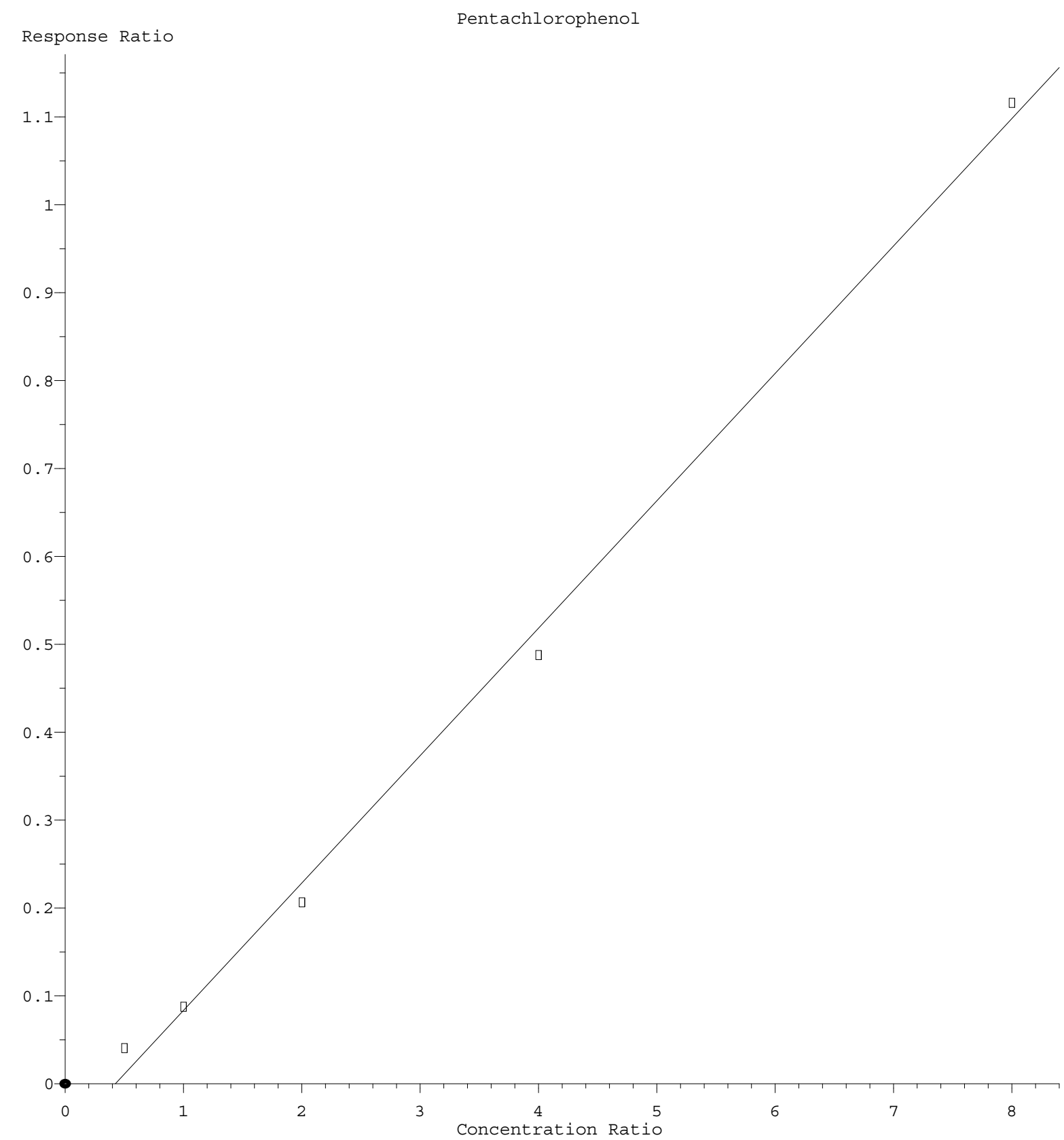

Response = 1.449e-001 * Amt - 6.158e-002
Coef of Det (r^2) = 0.996643 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN110322.M
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