Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 28 03:57:20 2022
Response Via : Initial Calibration

Calibration Files
0.1 =BN023486.D 0.2 =BN023487.D 0.4 =BN023488.D 0.8 =BN023489.D 1.6 =BN023490.D 3.2 =BN023491.D 5.0 =BN023492.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	0.407	0.403	0.384	0.372	0.398	0.376	0.357	0.385	4.77
3)		n-Nitrosodimet...	0.473	0.460	0.463	0.437	0.491	0.472	0.455	0.464	3.60
4)	S	2-Fluorophenol	0.929	0.890	0.892	0.826	0.916	0.889	0.858	0.886	3.91
5)	S	Phenol-d6	1.110	1.079	1.064	1.000	1.138	1.119	1.101	1.087	4.21
6)		bis(2-Chloroet...	1.072	1.066	1.081	1.010	1.109	1.046	1.000	1.055	3.72
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.306	0.295	0.300	0.300	0.326	0.331	0.333	0.313	5.25
9)		Naphthalene	1.005	0.996	1.000	1.006	1.059	1.048	1.039	1.022	2.53
10)		Hexachlorobuta...	0.204	0.203	0.202	0.204	0.214	0.209	0.205	0.206	2.10
11)	SURR	2-Methylnaphth...	0.533	0.525	0.585	0.573	0.634	0.608	0.623	0.583	7.27
12)		2-Methylnaphth...	0.763	0.723	0.715	0.712	0.756	0.746	0.735	0.736	2.72
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.173	0.176	0.177	0.178	0.206	0.223	0.239	0.196	13.65
15)	S	2-Fluorobiphenyl	1.638	1.568	1.557	1.531	1.637	1.591	1.571	1.585	2.54
16)		Acenaphthylene	1.498	1.479	1.510	1.568	1.811	1.867	1.910	1.663	11.45
17)		Acenaphthene	1.068	1.070	1.082	1.087	1.178	1.177	1.174	1.119	4.79
18)		Fluorene	1.484	1.459	1.501	1.486	1.669	1.653	1.658	1.559	6.15
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.045	0.043	0.049	0.065	0.080	0.091	0.062	32.12
21)		4-Bromophenyl-...	0.228	0.226	0.223	0.227	0.245	0.246	0.248	0.235	4.76
22)		Hexachlorobenzene	0.276	0.275	0.276	0.278	0.296	0.290	0.289	0.283	3.15
23)		Atrazine	0.171	0.168	0.167	0.170	0.190	0.198	0.205	0.181	8.77
24)		Pentachlorophenol		0.081	0.087	0.097	0.122	0.137		0.105	22.86
25)		Phenanthrene	1.093	1.091	1.097	1.100	1.200	1.186	1.207	1.139	4.86
26)		Anthracene	0.862	0.857	0.867	0.889	1.014	1.053	1.080	0.946	10.44
27)	SURR	Fluoranthene-d10	0.916	0.918	0.929	0.936	1.037	1.044	1.064	0.978	6.84
28)		Fluoranthene	1.180	1.179	1.219	1.249	1.381	1.379	1.373	1.280	7.37
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.463	1.483	1.491	1.475	1.549	1.515	1.477	1.493	1.96
31)	S	Terphenyl-d14	0.988	0.847	0.909	0.899	1.066	0.893	0.925	0.933	7.76
32)		Benzo(a)anthra...	1.266	1.265	1.275	1.294	1.410	1.416	1.405	1.333	5.49
33)		Chrysene	1.359	1.306	1.335	1.335	1.461	1.393	1.393	1.369	3.79
34)		Bis(2-ethylhex...	0.868	0.838	0.783	0.729	0.821	0.826	0.874	0.820	6.14
35)	I	Perylene-d12	----------ISTD----------								

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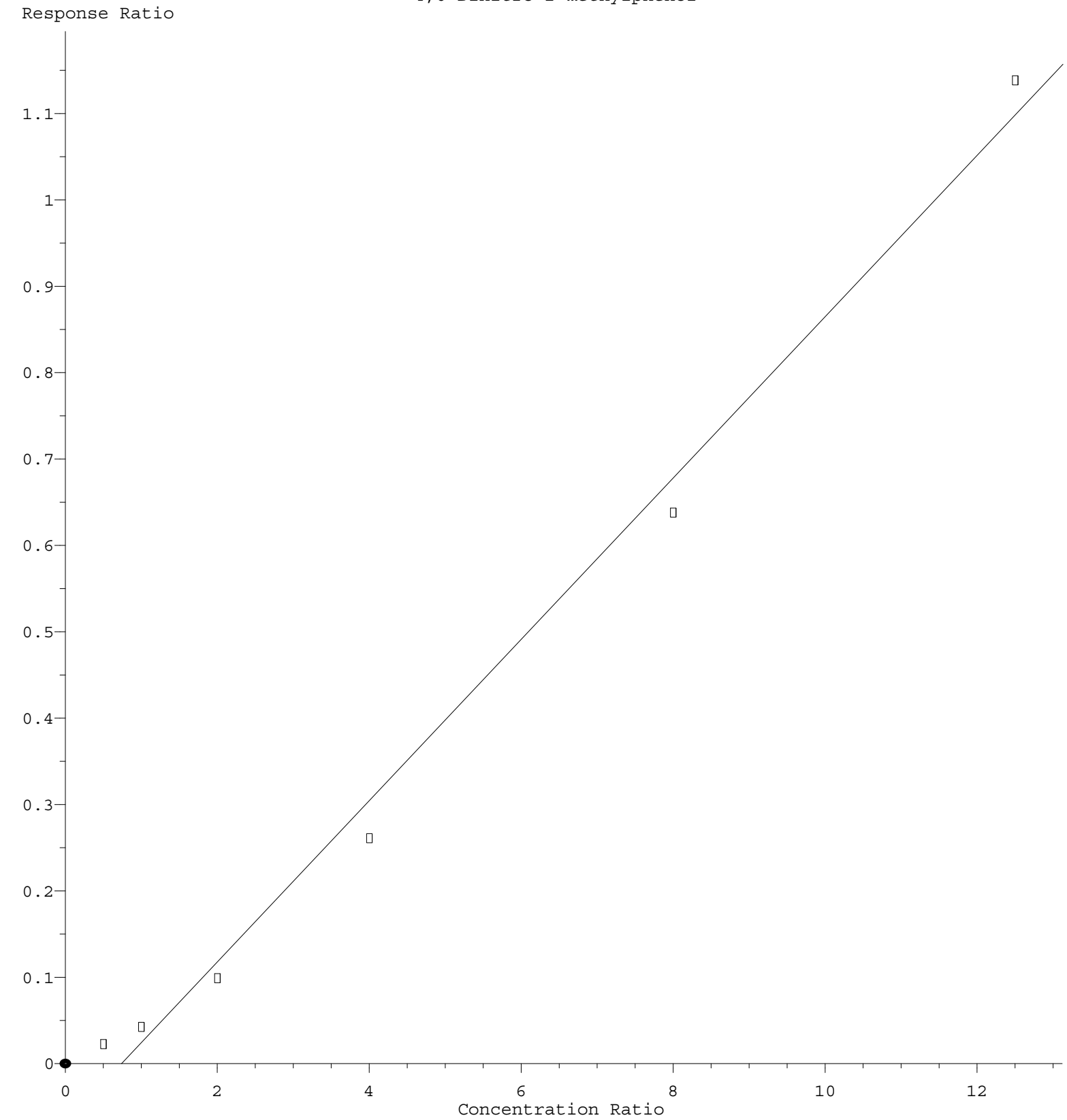
36)		Indeno(1,2,3-c...	1.407	1.376	1.420	1.419	1.602	1.579	1.653	1.494	7.58
37)		Benzo(b)fluora...	1.399	1.463	1.477	1.493	1.657	1.632	1.633	1.536	6.65
38)		Benzo(k)fluora...	1.419	1.398	1.423	1.486	1.636	1.623	1.590	1.510	6.84
39)	C	Benzo(a)pyrene	1.073	1.080	1.123	1.117	1.262	1.267	1.288	1.173	8.12
40)		Dibenzo(a,h)an...	1.065	1.040	1.065	1.077	1.234	1.215	1.271	1.138	8.55
41)		Benzo(g,h,i)pe...	1.269	1.232	1.263	1.278	1.398	1.351	1.416	1.315	5.51

(#) = Out of Range

4,6-Dinitro-2-methylphenol



Response = 9.344e-002 * Amt - 6.920e-002
Coef of Det (r^2) = 0.991984 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122722.M
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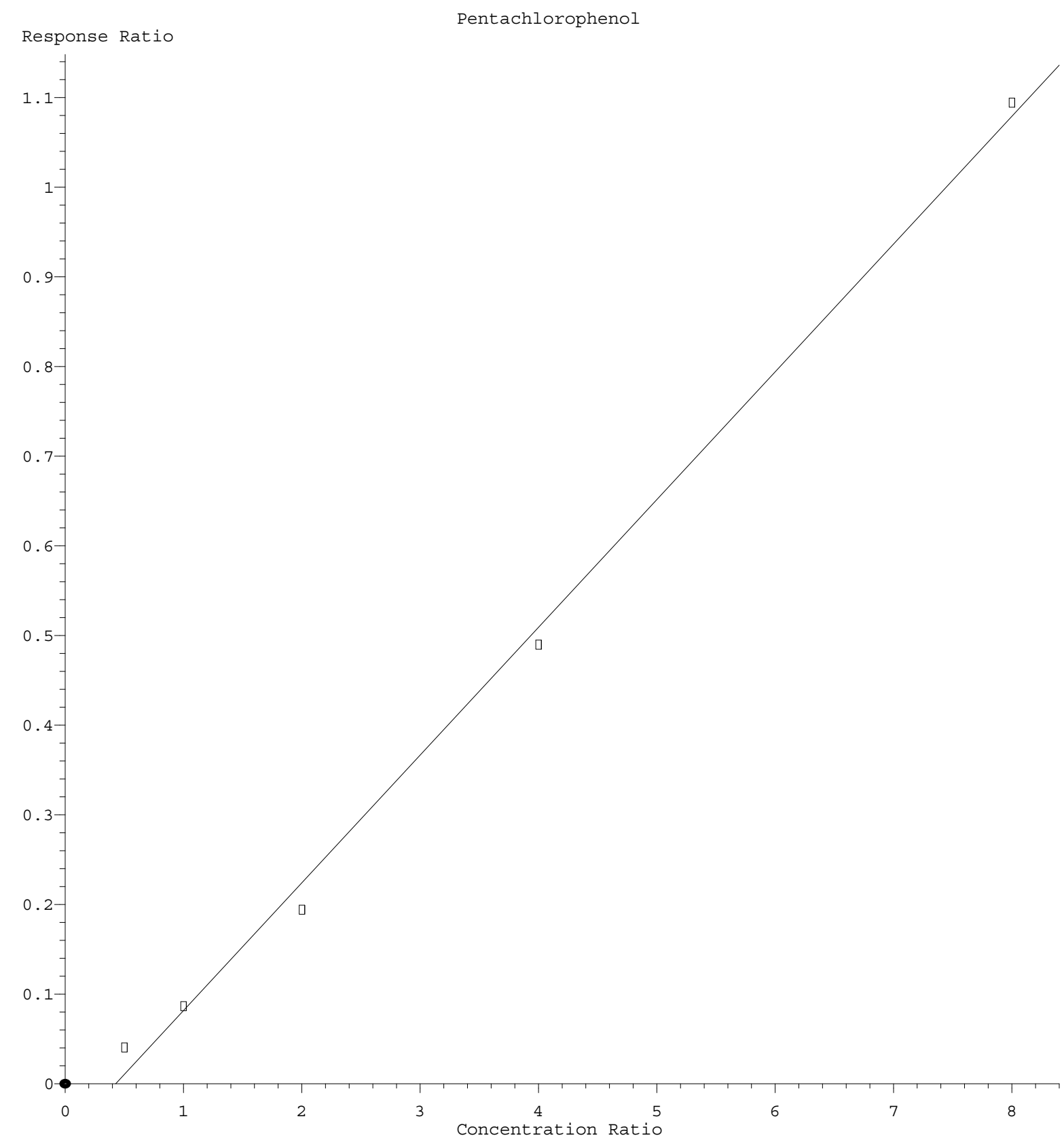

Response = 1.425e-001 * Amt - 6.080e-002
Coef of Det (r^2) = 0.996788 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122722.M
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