Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 27 01:06:05 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN023814.D 0.2 =BN023815.D 0.4 =BN023816.D 0.8 =BN023817.D 1.6 =BN023818.D 3.2 =BN023819.D 5.0 =BN023820.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	0.483	0.428	0.394	0.402	0.433	0.422	0.388	0.422	7.66
3)		n-Nitrosodimet...	0.387	0.412	0.406	0.435	0.498	0.504	0.487	0.447	10.83
4)	S	2-Fluorophenol	0.848	0.841	0.762	0.785	0.863	0.878	0.853	0.833	5.15
5)	S	Phenol-d6	0.970	0.944	0.881	0.915	1.057	1.052	1.077	0.985	7.83
6)		bis(2-Chloroet...	1.028	1.011	0.946	0.954	1.085	0.978	0.982	0.998	4.83
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.283	0.289	0.265	0.298	0.323	0.331	0.340	0.304	9.06
9)		Naphthalene	1.002	0.986	0.919	1.005	1.070	1.015	1.017	1.002	4.48
10)		Hexachlorobuta...	0.198	0.196	0.185	0.203	0.211	0.212	0.203	0.201	4.68
11)	SURR	2-Methylnaphth...	0.502	0.500	0.475	0.511	0.567	0.556	0.590	0.528	8.00
12)		2-Methylnaphth...	0.620	0.603	0.582	0.632	0.702	0.658	0.693	0.641	7.04
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.148	0.146	0.144	0.186	0.191	0.192	0.220	0.175	16.71
15)	S	2-Fluorobiphenyl	1.657	1.602	1.370	1.853	1.612	1.570	1.487	1.593	9.37
16)		Acenaphthylene	1.386	1.398	1.310	1.766	1.742	1.724	1.783	1.587	13.27
17)		Acenaphthene	1.051	1.047	0.961	0.987	1.169	1.124	1.115	1.065	7.10
18)		Fluorene	1.423	1.388	1.308	1.440	1.582	1.484	1.495	1.446	6.02
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.048	0.052	0.053	0.059	0.077		0.058		19.79
21)		4-Bromophenyl-...	0.212	0.216	0.197	0.222	0.240	0.235	0.235	0.222	6.94
22)		Hexachlorobenzene	0.258	0.268	0.242	0.272	0.288	0.275	0.265	0.267	5.36
23)		Atrazine	0.153	0.136	0.137	0.146	0.178	0.179	0.199	0.161	14.95
24)		Pentachlorophenol		0.071	0.073	0.091	0.113	0.121		0.093	24.34
25)		Phenanthrene	1.073	1.066	1.002	1.099	1.207	1.159	1.161	1.110	6.31
26)		Anthracene	0.800	0.814	0.767	0.864	1.004	0.998	1.051	0.900	12.78
27)	SURR	Fluoranthene-d10	0.902	0.861	0.737	0.879	1.027	1.044	1.085	0.934	13.23
28)		Fluoranthene	1.156	1.113	0.979	1.183	1.384	1.348	1.360	1.217	12.44
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.359	1.550	1.032	1.415	1.483	1.310	1.359	1.358	12.17
31)	S	Terphenyl-d14	0.728	0.812	0.647	0.762	0.805	0.768	0.790	0.759	7.52
32)		Benzo(a)anthra...	1.174	1.133	1.056	1.184	1.348	1.282	1.342	1.217	9.05
33)		Chrysene	1.386	1.326	1.234	1.372	1.439	1.337	1.317	1.344	4.78
34)		Bis(2-ethylhex...	0.641	0.528	0.471	0.486	0.543	0.553	0.640	0.552	12.19
35)	I	Perylene-d12	----------ISTD----------								

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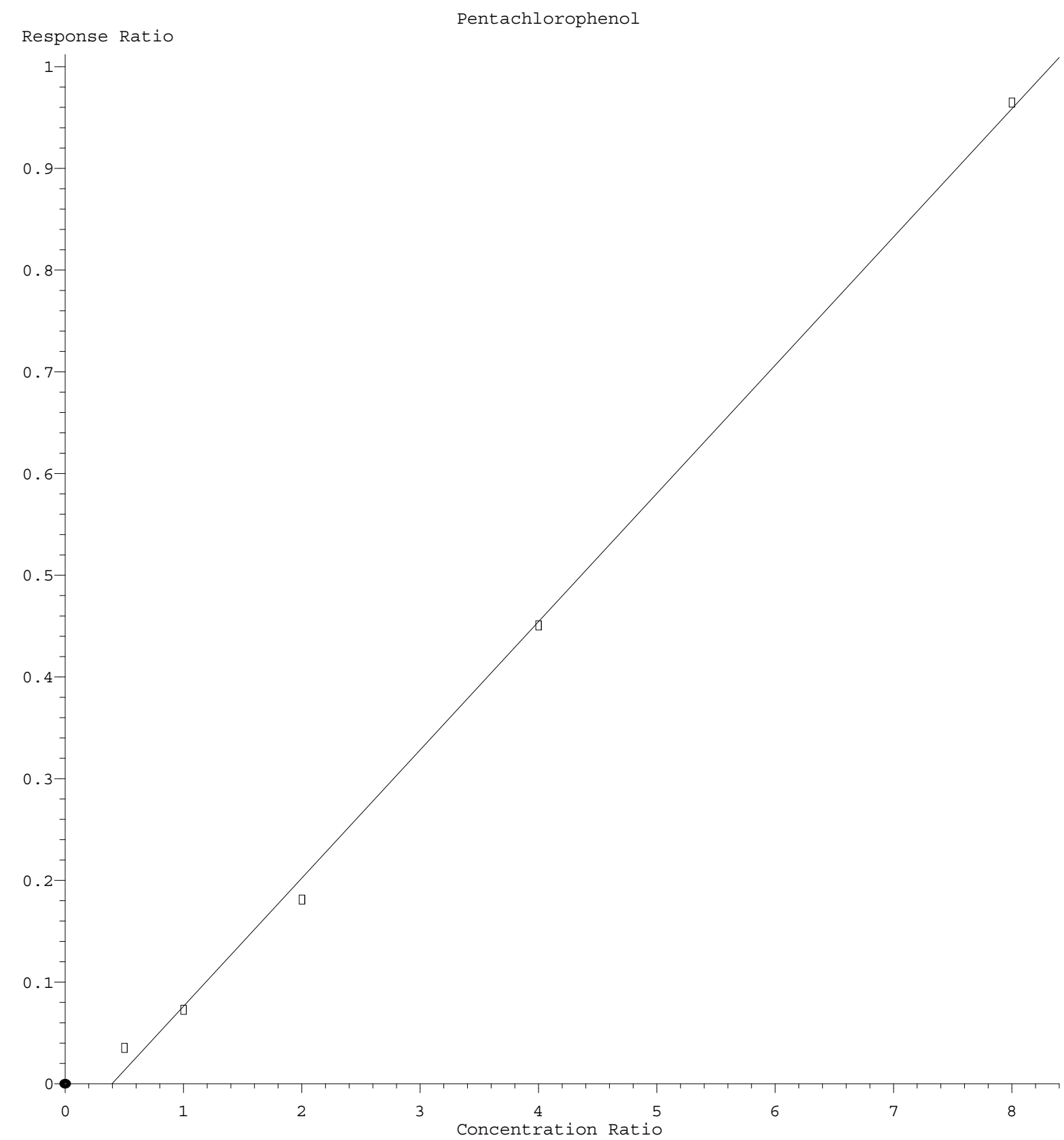
36)		Indeno(1,2,3-c...	1.658	1.626	1.437	1.612	1.714	1.933	1.656	1.662	8.86
37)		Benzo(b)fluora...	1.375	1.476	1.353	1.573	1.595	1.555	1.627	1.508	7.22
38)		Benzo(k)fluora...	1.285	1.419	1.365	1.549	1.622	1.585	1.600	1.489	8.87
39)	C	Benzo(a)pyrene	0.973	1.101	0.978	1.145	1.223	1.233	1.265	1.131	10.60
40)		Dibenzo(a,h)an...	1.301	1.303	1.152	1.328	1.400	1.587	1.345	1.345	9.74
41)		Benzo(g,h,i)pe...	1.511	1.435	1.259	1.376	1.431	1.626	1.360	1.428	8.19

(#) = Out of Range



Response = 1.260e-001 * Amt - 4.987e-002
Coef of Det (r^2) = 0.998306 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN012723.M
Calibration Table Last Updated: Fri Jan 27 01:06:05 2023