Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN011823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jan 19 01:19:57 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN023697.D 0.2 =BN023698.D 0.4 =BN023699.D 0.8 =BN023700.D 1.6 =BN023701.D 3.2 =BN023702.D 5.0 =BN023703.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	0.467	0.408	0.430	0.407	0.444	0.419	0.394	0.424	5.93
3)		n-Nitrosodimet...	0.461	0.464	0.500	0.475	0.538	0.529	0.505	0.496	6.17
4)	S	2-Fluorophenol	0.885	0.834	0.847	0.768	0.858	0.861	0.835	0.841	4.38
5)	S	Phenol-d6	1.013	0.971	0.984	0.907	1.041	1.050	1.035	1.000	5.05
6)		bis(2-Chloroet...	1.017	1.059	1.087	0.974	1.079	1.023	0.970	1.030	4.61
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.302	0.296	0.299	0.303	0.333	0.339	0.342	0.316	6.42
9)		Naphthalene	1.006	1.002	1.031	1.007	1.081	1.064	1.054	1.035	3.07
10)		Hexachlorobuta...	0.205	0.205	0.210	0.207	0.221	0.214	0.209	0.210	2.59
11)	SURR	2-Methylnaphth...	0.491	0.510	0.522	0.501	0.548	0.644	0.654	0.553	12.32
12)		2-Methylnaphth...	0.728	0.726	0.723	0.694	0.751	0.731	0.742	0.728	2.48
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.142	0.152	0.159	0.157	0.181	0.191	0.208	0.170	13.81
15)	S	2-Fluorobiphenyl	1.908	1.662	1.644	1.634	1.726	1.701	1.654	1.704	5.61
16)		Acenaphthylene	1.421	1.400	1.481	1.543	1.763	1.873	1.923	1.629	13.47
17)		Acenaphthene	1.078	1.059	1.107	1.108	1.213	1.207	1.206	1.140	5.83
18)		Fluorene	1.455	1.539	1.589	1.607	1.716	1.700	1.697	1.615	6.01
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.050	0.049	0.056	0.059	0.070			0.057	14.71
21)		4-Bromophenyl-...	0.213	0.207	0.221	0.220	0.240	0.250	0.251	0.229	7.86
22)		Hexachlorobenzene	0.261	0.262	0.273	0.276	0.298	0.300	0.291	0.280	5.81
23)		Atrazine	0.145	0.152	0.157	0.153	0.171	0.180	0.191	0.164	10.28
24)		Pentachlorophenol		0.074	0.079	0.091	0.111	0.124		0.096	21.94
25)		Phenanthrene	1.102	1.085	1.139	1.124	1.211	1.246	1.232	1.163	5.66
26)		Anthracene	0.823	0.840	0.873	0.890	1.004	1.069	1.091	0.942	11.81
27)	SURR	Fluoranthene-d10	0.851	0.907	0.930	0.898	0.986	0.969	1.027	0.938	6.36
28)		Fluoranthene	1.119	1.186	1.252	1.235	1.379	1.325	1.388	1.269	7.89
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.483	1.397	1.462	1.443	1.510	1.534	1.544	1.482	3.53
31)	S	Terphenyl-d14	0.671	0.616	0.608	0.620	0.646	0.594	0.660	0.631	4.50
32)		Benzo(a)anthra...	1.198	1.179	1.216	1.212	1.343	1.374	1.386	1.273	7.11
33)		Chrysene	1.372	1.400	1.430	1.401	1.512	1.416	1.426	1.423	3.11
34)		Bis(2-ethylhex...	0.671	0.597	0.536	0.498	0.547	0.549	0.574	0.567	9.73
35)	I	Perylene-d12	----------ISTD----------								

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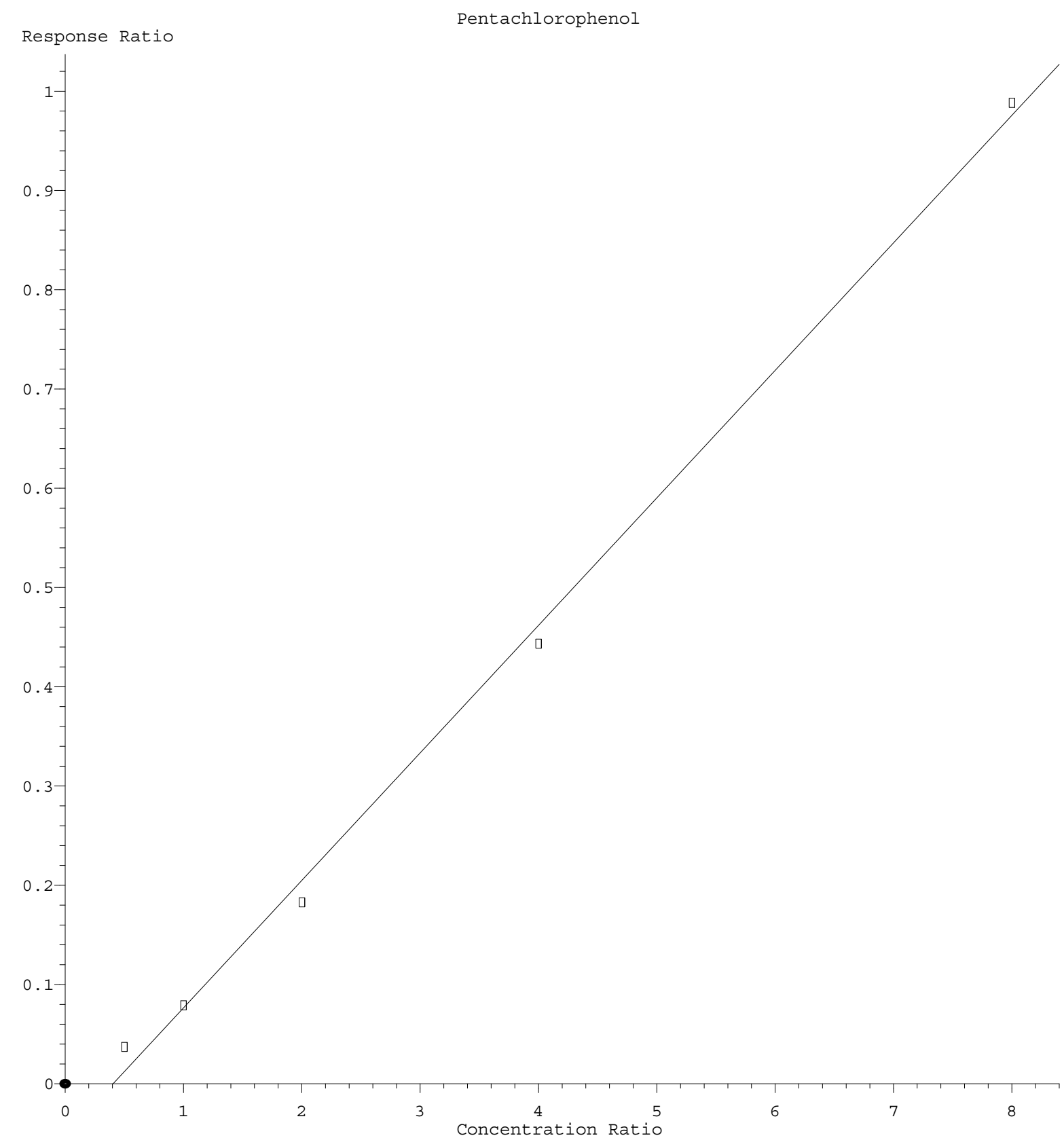
36)		Indeno(1,2,3-c...	1.626	1.674	1.621	1.682	1.958	2.014	1.939	1.788	9.71
37)		Benzo(b)fluora...	1.527	1.513	1.629	1.642	1.800	1.812	1.713	1.662	7.20
38)		Benzo(k)fluora...	1.466	1.536	1.624	1.615	1.883	1.865	1.777	1.681	9.68
39)	C	Benzo(a)pyrene	1.139	1.077	1.138	1.158	1.324	1.370	1.377	1.226	10.29
40)		Dibenzo(a,h)an...	1.283	1.328	1.294	1.360	1.594	1.645	1.567	1.439	10.87
41)		Benzo(g,h,i)pe...	1.396	1.440	1.399	1.460	1.670	1.690	1.612	1.524	8.46

(#) = Out of Range



Response = 1.284e-001 * Amt - 5.206e-002
Coef of Det (r^2) = 0.997382 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN011823.M
Calibration Table Last Updated: Thu Jan 19 01:19:57 2023