

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Apr 28 09:28:15 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM029563.D 10 =BM029564.D 20 =BM029565.D 40 =BM029566.D 50 =BM029567.D 60 =BM029568.D 80 =BM029569.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.410	0.433	0.460	0.409	0.376	0.359	0.368	0.402	9.18
3) Pyridine	0.897	0.912	1.147	1.086	1.038	1.024	1.070	1.025	8.91
4) n-Nitrosodimet...	0.438	0.462	0.556	0.529	0.505	0.495	0.536	0.503	8.32
5) S 2-Fluorophenol	0.926	1.015	1.074	1.019	0.966	0.955	1.029	0.998	5.09
6) Aniline	1.405	1.627	1.773	1.718	1.630	1.613	1.699	1.638	7.19
7) S Phenol-d6	1.235	1.432	1.620	1.564	1.496	1.485	1.596	1.490	8.76
8) 2-Chlorophenol	1.111	1.257	1.360	1.282	1.192	1.201	1.279	1.240	6.45
9) Benzaldehyde	0.865	0.923	0.949	0.809	0.689			0.847	12.23
10) C Phenol	1.220	1.422	1.570	1.509	1.443	1.414	1.529	1.444	7.94
11) bis(2-Chloroet...	0.951	1.154	1.197	1.162	1.079	1.047	1.120	1.102	7.58
12) 1,3-Dichlorobe...	1.381	1.487	1.572	1.459	1.363	1.344	1.400	1.429	5.67
13) C 1,4-Dichlorobe...	1.436	1.540	1.596	1.472	1.403	1.361	1.437	1.464	5.53
14) 1,2-Dichlorobe...	1.422	1.544	1.569	1.476	1.398	1.362	1.443	1.459	5.18
15) Benzyl Alcohol	0.802	0.997	1.178	1.178	1.112	1.119	1.192	1.083	12.99
16) 2,2'-oxybis(1-...	1.464	1.520	1.568	1.496	1.384	1.341	1.392	1.452	5.66
17) 2-Methylphenol	0.886	0.972	1.068	1.072	1.006	0.987	1.051	1.006	6.56
18) Hexachloroethane	0.512	0.543	0.571	0.537	0.507	0.501	0.528	0.529	4.60
19) P n-Nitroso-di-n...	0.919	1.061	1.188	1.156	1.077	1.074	1.132	1.087	8.08
20) 3+4-Methylphenols	1.100	1.370	1.501	1.471	1.383	1.386	1.476	1.384	9.80
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.401	0.475	0.497	0.489	0.480	0.489	0.526	0.480	8.00
23) S Nitrobenzene-d5	0.326	0.374	0.413	0.406	0.390	0.391	0.418	0.388	8.15
24) Nitrobenzene	0.344	0.397	0.411	0.408	0.387	0.388	0.414	0.393	6.10
25) Isophorone	0.616	0.703	0.778	0.770	0.721	0.732	0.788	0.730	8.10
26) C 2-Nitrophenol	0.119	0.145	0.174	0.184	0.178	0.187	0.202	0.170	16.59
27) 2,4-Dimethylph...	0.214	0.258	0.275	0.276	0.261	0.266	0.286	0.262	8.88
28) bis(2-Chloroet...	0.314	0.351	0.383	0.373	0.356	0.359	0.388	0.361	6.89
29) C 2,4-Dichloroph...	0.270	0.326	0.363	0.367	0.348	0.357	0.390	0.346	11.20
30) 1,2,4-Trichlor...	0.372	0.393	0.419	0.407	0.387	0.391	0.418	0.398	4.34
31) Naphthalene	0.968	1.007	1.096	1.045	0.991	1.014	1.077	1.028	4.51
32) Benzoic acid		0.111	0.177	0.220	0.222	0.225	0.256	0.202	25.25
33) 4-Chloroaniline	0.315	0.373	0.423	0.434	0.413	0.426	0.454	0.406	11.53
34) C Hexachlorobuta...	0.235	0.250	0.272	0.258	0.246	0.247	0.267	0.254	4.99
35) Caprolactam		0.090	0.105	0.110	0.104	0.106	0.114	0.105	7.58
36) C 4-Chloro-3-met...	0.267	0.327	0.356	0.356	0.340	0.347	0.373	0.338	10.18
37) 2-Methylnaphth...	0.755	0.818	0.860	0.841	0.800	0.814	0.874	0.823	4.84
38) 1-Methylnaphth...	0.726	0.791	0.831	0.799	0.756	0.766	0.826	0.785	4.82

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.530	0.571	0.615	0.628	0.590	0.596	0.667	0.600	7.26
41) P	Hexachlorocycl...	0.281	0.328	0.347	0.335	0.337	0.381	0.335		9.60
42) S	2,4,6-Tribromo...	0.223	0.252	0.274	0.292	0.278	0.286	0.332	0.277	12.26
43) C	2,4,6-Trichlor...	0.319	0.378	0.426	0.444	0.417	0.428	0.473	0.412	12.10
44)	2,4,5-Trichlor...	0.379	0.424	0.469	0.488	0.454	0.460	0.512	0.455	9.54
45) S	2-Fluorobiphenyl	1.316	1.415	1.504	1.538	1.442	1.462	1.638	1.474	6.88
46)	1,1'-Biphenyl	1.324	1.441	1.506	1.522	1.428	1.434	1.580	1.462	5.65
47)	2-Chloronaphth...	1.052	1.152	1.203	1.228	1.134	1.155	1.265	1.170	5.96
48)	2-Nitroaniline	0.198	0.252	0.302	0.334	0.311	0.316	0.347	0.294	17.73
49)	Acenaphthylene	1.562	1.737	1.866	1.898	1.754	1.779	1.962	1.794	7.30
50)	Dimethylphthalate	1.408	1.497	1.559	1.578	1.452	1.474	1.612	1.512	4.88
51)	2,6-Dinitrotol...	0.269	0.316	0.347	0.354	0.331	0.342	0.371	0.333	9.94
52) C	Acenaphthene	1.016	1.108	1.146	1.171	1.092	1.109	1.225	1.124	5.86
53)	3-Nitroaniline	0.191	0.235	0.287	0.309	0.293	0.300	0.329	0.278	17.25
54) P	2,4-Dinitrophenol	0.132	0.168	0.207	0.199	0.209		0.183		18.10
55)	Dibenzofuran	1.764	1.866	1.957	1.964	1.833	1.851	2.048	1.897	5.09
56) P	4-Nitrophenol	0.184	0.234	0.261	0.248	0.262	0.288	0.246		14.40
57)	2,4-Dinitrotol...	0.321	0.404	0.469	0.487	0.467	0.474	0.523	0.449	14.84
58)	Fluorene	1.351	1.510	1.614	1.670	1.569	1.607	1.832	1.593	9.24
59)	2,3,4,6-Tetrac...	0.327	0.386	0.419	0.431	0.406	0.406	0.460	0.405	10.22
60)	Diethylphthalate	1.318	1.464	1.524	1.567	1.457	1.455	1.600	1.484	6.24
61)	4-Chlorophenyl...	0.710	0.770	0.814	0.834	0.781	0.808	0.925	0.806	8.20
62)	4-Nitroaniline	0.161	0.248	0.303	0.327	0.317	0.324	0.354	0.291	22.62
63)	Azobenzene	1.191	1.372	1.477	1.493	1.388	1.407	1.534	1.409	8.02
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.103	0.128	0.138	0.135	0.139	0.155	0.133		12.94
66) c	n-Nitrosodiphe...	0.534	0.591	0.645	0.644	0.613	0.619	0.681	0.618	7.60
67)	4-Bromophenyl-...	0.176	0.202	0.215	0.218	0.206	0.210	0.235	0.209	8.66
68)	Hexachlorobenzene	0.212	0.230	0.245	0.244	0.233	0.237	0.261	0.237	6.31
69)	Atrazine	0.190	0.212	0.234	0.239	0.218	0.218	0.234	0.221	7.62
70) C	Pentachlorophenol	0.125	0.152	0.157	0.157	0.160	0.179	0.155		11.25
71)	Phenanthrene	1.047	1.129	1.197	1.173	1.124	1.139	1.253	1.152	5.61
72)	Anthracene	0.957	1.087	1.188	1.176	1.133	1.147	1.265	1.136	8.45
73)	Carbazole	0.878	1.013	1.113	1.116	1.067	1.078	1.184	1.064	9.16
74)	Di-n-butylphth...	0.884	1.058	1.194	1.232	1.197	1.197	1.327	1.156	12.41
75) C	Fluoranthene	1.211	1.340	1.441	1.438	1.388	1.403	1.555	1.396	7.54
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.344	0.405	0.429	0.496	0.424	0.434	0.434	0.423	10.64
78)	Pyrene	1.149	1.285	1.370	1.296	1.260	1.273	1.373	1.287	5.86
79) S	Terphenyl-d14	0.897	1.000	1.076	1.071	1.056	1.078	1.206	1.055	8.80
80)	Butylbenzylpht...	0.365	0.447	0.505	0.504	0.493	0.503	0.555	0.482	12.49
81)	Benzo(a)anthra...	1.190	1.309	1.380	1.330	1.296	1.325	1.431	1.323	5.65
82)	3,3'-Dichlorob...	0.339	0.395	0.438	0.437	0.423	0.441	0.485	0.423	10.79
83)	Chrysene	1.180	1.281	1.357	1.315	1.268	1.287	1.414	1.300	5.66
84)	Bis(2-ethylhex...	0.564	0.700	0.787	0.815	0.804	0.822	0.912	0.772	14.37
85) c	Di-n-octyl pht...	1.010	1.213	1.347	1.353	1.323	1.363	1.459	1.295	11.19

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(#) = Out of Range