

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG030922.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 10 06:37:54 2022
 Response Via : Initial Calibration

Calibration Files

5 =BG052616.D 10 =BG052617.D 20 =BG052618.D 40 =BG052619.D 50 =BG052620.D 60 =BG052621.D 80 =BG052622.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.605	0.560	0.556	0.517	0.502	0.499	0.488	0.533	7.96
3) Pyridine	1.328	1.486	1.449	1.430	1.409	1.382	1.377	1.409	3.69
4) n-Nitrosodimet...	0.733	0.683	0.713	0.679	0.620	0.640	0.631	0.671	6.39
5) S 2-Fluorophenol	1.196	1.187	1.211	1.157	1.117	1.133	1.103	1.158	3.60
6) Aniline	1.904	1.981	1.968	1.929	1.830	1.843	1.779	1.891	4.00
7) S Phenol-d6	1.744	1.743	1.739	1.673	1.618	1.625	1.587	1.676	4.00
8) 2-Chlorophenol	1.260	1.292	1.262	1.228	1.160	1.199	1.149	1.222	4.44
9) Benzaldehyde		1.125	1.076	0.933	0.841	0.818		0.959	14.34
10) C Phenol	1.756	1.782	1.710	1.639	1.573	1.580	1.561	1.657	5.55
11) bis(2-Chloroet...	1.404	1.417	1.291	1.266	1.189	1.191	1.153	1.273	8.25
12) 1,3-Dichlorobe...	1.590	1.537	1.514	1.431	1.369	1.395	1.355	1.456	6.25
13) C 1,4-Dichlorobe...	1.604	1.602	1.526	1.464	1.410	1.405	1.372	1.483	6.45
14) 1,2-Dichlorobe...	1.616	1.569	1.474	1.420	1.340	1.336	1.296	1.436	8.55
15) Benzyl Alcohol	1.358	1.281	1.340	1.308	1.255	1.266	1.262	1.296	3.14
16) 2,2'-oxybis(1-...	1.951	1.914	1.767	1.695	1.582	1.568	1.541	1.717	9.74
17) 2-Methylphenol	1.179	1.133	1.113	1.100	1.055	1.065	1.031	1.096	4.61
18) Hexachloroethane	0.501	0.585	0.507	0.494	0.487	0.476	0.463	0.502	7.92
19) P n-Nitroso-di-n...	1.249	1.187	1.180	1.122	1.075	1.065	1.060	1.134	6.44
20) 3+4-Methylphenols	1.496	1.609	1.542	1.535	1.483	1.487	1.462	1.516	3.29
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.555	0.535	0.534	0.516	0.504	0.492	0.480	0.517	5.16
23) S Nitrobenzene-d5	0.468	0.450	0.453	0.449	0.431	0.425	0.412	0.441	4.36
24) Nitrobenzene	0.416	0.426	0.441	0.422	0.400	0.398	0.385	0.413	4.68
25) Isophorone	0.725	0.742	0.750	0.758	0.733	0.722	0.706	0.734	2.44
26) C 2-Nitrophenol	0.189	0.178	0.187	0.191	0.190	0.189	0.187	0.187	2.30
27) 2,4-Dimethylph...	0.261	0.258	0.279	0.281	0.274	0.270	0.264	0.270	3.32
28) bis(2-Chloroet...	0.469	0.460	0.456	0.451	0.426	0.419	0.414	0.442	5.01
29) C 2,4-Dichloroph...	0.296	0.310	0.332	0.338	0.326	0.327	0.318	0.321	4.38
30) 1,2,4-Trichlor...	0.431	0.419	0.407	0.393	0.383	0.376	0.371	0.397	5.72
31) Naphthalene	1.117	1.064	1.092	1.065	1.027	1.014	0.988	1.052	4.31
32) Benzoic acid	0.261	0.258	0.063	0.103	0.123	0.137	0.152	0.157	48.40
33) 4-Chloroaniline	0.427	0.409	0.443	0.438	0.424	0.425	0.413	0.426	2.87
34) C Hexachlorobuta...	0.274	0.264	0.271	0.261	0.252	0.250	0.244	0.259	4.35
35) Caprolactam	0.100	0.098	0.111	0.111	0.114	0.109	0.112	0.108	5.77
36) C 4-Chloro-3-met...	0.342	0.345	0.351	0.360	0.360	0.353	0.350	0.351	2.04
37) 2-Methylnaphth...	0.779	0.775	0.786	0.779	0.750	0.732	0.721	0.760	3.41
38) 1-Methylnaphth...	0.786	0.784	0.763	0.761	0.726	0.712	0.693	0.747	4.88

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\										
Method File : 8270-BG030922.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.712	0.698	0.693	0.657	0.654	0.639	0.629	0.669	4.79
41) P	Hexachlorocycl...	0.225	0.274	0.316	0.317	0.325	0.342	0.300		14.33
42) S	2,4,6-Tribromo...	0.268	0.284	0.284	0.297	0.285	0.285	0.283	0.284	3.02
43) C	2,4,6-Trichlor...	0.376	0.375	0.421	0.431	0.425	0.430	0.428	0.412	6.17
44)	2,4,5-Trichlor...	0.426	0.416	0.447	0.460	0.463	0.457	0.457	0.447	4.11
45) S	2-Fluorobiphenyl	1.628	1.549	1.533	1.480	1.425	1.395	1.363	1.482	6.38
46)	1,1'-Biphenyl	1.558	1.562	1.532	1.523	1.452	1.429	1.414	1.496	4.16
47)	2-Chloronaphth...	1.227	1.217	1.190	1.165	1.124	1.118	1.103	1.164	4.29
48)	2-Nitroaniline	0.358	0.373	0.388	0.387	0.377	0.367	0.372	0.375	2.85
49)	Acenaphthylene	1.922	1.855	1.906	1.865	1.814	1.771	1.765	1.843	3.36
50)	Dimethylphthalate	1.600	1.573	1.564	1.528	1.480	1.444	1.446	1.519	4.17
51)	2,6-Dinitrotol...	0.354	0.327	0.335	0.327	0.330	0.324	0.328	0.332	3.11
52) C	Acenaphthene	1.184	1.126	1.151	1.124	1.090	1.074	1.072	1.117	3.73
53)	3-Nitroaniline	0.317	0.336	0.354	0.357	0.343	0.340	0.344	0.342	3.88
54) P	2,4-Dinitrophenol	0.069	0.120	0.172	0.183	0.194	0.204	0.157		33.33
55)	Dibenzofuran	2.040	1.991	1.945	1.895	1.836	1.782	1.774	1.895	5.43
56) P	4-Nitrophenol	0.190	0.226	0.260	0.250	0.251	0.254	0.238		11.18
57)	2,4-Dinitrotol...	0.456	0.471	0.476	0.472	0.470	0.457	0.469	0.467	1.63
58)	Fluorene	1.643	1.624	1.598	1.542	1.478	1.447	1.440	1.539	5.54
59)	2,3,4,6-Tetrac...	0.376	0.371	0.400	0.434	0.427	0.433	0.428	0.410	6.71
60)	Diethylphthalate	1.568	1.580	1.589	1.537	1.497	1.445	1.458	1.525	3.86
61)	4-Chlorophenyl...	0.932	0.877	0.886	0.859	0.834	0.814	0.807	0.858	5.16
62)	4-Nitroaniline	0.330	0.379	0.386	0.370	0.362	0.344	0.357	0.361	5.38
63)	Azobenzene	1.657	1.576	1.544	1.513	1.434	1.409	1.408	1.506	6.28
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.104	0.121	0.134	0.133	0.134	0.136	0.127		9.76
66) c	n-Nitrosodiphe...	0.568	0.571	0.576	0.577	0.551	0.547	0.545	0.562	2.49
67)	4-Bromophenyl-...	0.262	0.255	0.254	0.246	0.238	0.238	0.241	0.248	3.81
68)	Hexachlorobenzene	0.280	0.272	0.269	0.263	0.257	0.256	0.255	0.265	3.64
69)	Atrazine	0.217	0.219	0.221	0.215	0.199	0.192	0.183	0.207	7.35
70) C	Pentachlorophenol	0.061	0.097	0.132	0.133	0.133	0.136	0.115		26.21
71)	Phenanthrene	1.119	1.093	1.077	1.056	1.029	0.993	0.978	1.049	4.97
72)	Anthracene	1.077	1.072	1.066	1.046	1.000	0.968	0.961	1.027	4.87
73)	Carbazole	1.047	1.054	1.045	1.007	0.984	0.953	0.949	1.005	4.46
74)	Di-n-butylphth...	1.086	1.139	1.136	1.126	1.087	1.059	1.049	1.097	3.35
75) C	Fluoranthene	1.400	1.388	1.383	1.331	1.262	1.213	1.195	1.310	6.61
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.474	0.453	0.467	0.456	0.345	0.356	0.352	0.415	14.48
78)	Pyrene	1.412	1.347	1.388	1.339	1.304	1.296	1.271	1.337	3.82
79) S	Terphenyl-d14	1.243	1.190	1.194	1.134	1.071	1.054	1.025	1.130	7.30
80)	Butylbenzylpht...	0.453	0.457	0.506	0.504	0.490	0.496	0.497	0.486	4.51
81)	Benzo(a)anthra...	1.429	1.358	1.382	1.367	1.287	1.287	1.269	1.340	4.47
82)	3,3'-Dichlorob...	0.464	0.459	0.487	0.489	0.462	0.453	0.444	0.465	3.59
83)	Chrysene	1.337	1.257	1.292	1.269	1.217	1.207	1.192	1.253	4.13
84)	Bis(2-ethylhex...	0.660	0.650	0.689	0.704	0.684	0.692	0.678	0.680	2.75
85) c	Di-n-octyl pht...	1.064	1.074	1.147	1.177	1.138	1.150	1.136	1.127	3.69

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\

Method File : 8270-BG030922.M

[illegible]

(#) = Out of Range