

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM072021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jul 20 13:21:40 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM031014.D 10 =BM031015.D 20 =BM031016.D 40 =BM031017.D 50 =BM031018.D 60 =BM031019.D 80 =BM031020.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.538	0.440	0.488	0.452	0.410	0.407	0.398	0.448	11.29
3)	Pyridine	1.240	1.282	1.309	1.316	1.255	1.240	1.221	1.266	2.89
4)	n-Nitrosodimet...	0.690	0.744	0.761	0.751	0.716	0.686	0.688	0.720	4.52
5) S	2-Fluorophenol	1.104	1.109	1.175	1.165	1.088	1.078	1.078	1.114	3.64
6)	Aniline	1.688	1.727	1.779	1.817	1.736	1.681	1.707	1.733	2.85
7) S	Phenol-d6	1.507	1.580	1.669	1.704	1.632	1.605	1.605	1.615	3.93
8)	2-Chlorophenol	1.233	1.316	1.384	1.377	1.309	1.283	1.275	1.311	4.17
9)	Benzaldehyde	1.018	1.119	1.061	0.981	0.928	0.846	0.782	0.962	12.37
10) C	Phenol	1.479	1.555	1.630	1.632	1.571	1.539	1.544	1.564	3.43
11)	bis(2-Chloroet...	1.114	1.200	1.217	1.213	1.147	1.114	1.101	1.158	4.38
12)	1,3-Dichlorobe...	1.466	1.485	1.489	1.476	1.384	1.348	1.330	1.426	4.84
13) C	1,4-Dichlorobe...	1.481	1.517	1.508	1.494	1.416	1.377	1.363	1.451	4.44
14)	1,2-Dichlorobe...	1.450	1.452	1.481	1.455	1.380	1.356	1.346	1.417	3.85
15)	Benzyl Alcohol	1.242	1.336	1.407	1.439	1.377	1.357	1.357	1.359	4.60
16)	2,2'-oxybis(1-...	1.392	1.516	1.541	1.511	1.438	1.376	1.369	1.449	5.04
17)	2-Methylphenol	0.969	1.078	1.138	1.170	1.123	1.078	1.105	1.094	5.86
18)	Hexachloroethane	0.540	0.551	0.589	0.595	0.564	0.544	0.537	0.560	4.20
19) P	n-Nitroso-di-n...	1.040	1.109	1.182	1.225	1.169	1.128	1.128	1.140	5.18
20)	3+4-Methylphenols	1.388	1.498	1.616	1.670	1.578	1.535	1.548	1.548	5.82
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.475	0.500	0.512	0.509	0.492	0.487	0.490	0.495	2.65
23) S	Nitrobenzene-d5	0.370	0.394	0.411	0.417	0.402	0.397	0.397	0.398	3.78
24)	Nitrobenzene	0.376	0.416	0.416	0.415	0.399	0.397	0.396	0.402	3.62
25)	Isophorone	0.643	0.711	0.733	0.748	0.716	0.714	0.721	0.712	4.67
26) C	2-Nitrophenol	0.146	0.154	0.172	0.181	0.176	0.177	0.180	0.169	8.05
27)	2,4-Dimethylph...	0.247	0.265	0.278	0.280	0.270	0.260	0.268	0.267	4.19
28)	bis(2-Chloroet...	0.351	0.355	0.368	0.375	0.360	0.356	0.349	0.359	2.67
29) C	2,4-Dichloroph...	0.278	0.308	0.328	0.335	0.323	0.318	0.320	0.316	5.95
30)	1,2,4-Trichlor...	0.336	0.352	0.357	0.355	0.344	0.343	0.340	0.347	2.32
31)	Naphthalene	1.020	1.034	1.048	1.059	1.021	1.011	1.011	1.029	1.80
32)	Benzoic acid	0.195	0.204	0.229	0.240	0.236	0.240	0.248	0.227	8.88
33)	4-Chloroaniline	0.412	0.435	0.456	0.463	0.448	0.446	0.447	0.444	3.70
34) C	Hexachlorobuta...	0.220	0.232	0.230	0.229	0.216	0.216	0.214	0.223	3.38
35)	Caprolactam	0.086	0.098	0.109	0.114	0.111	0.111	0.114	0.106	9.85
36) C	4-Chloro-3-met...	0.302	0.348	0.374	0.384	0.372	0.369	0.372	0.360	7.68
37)	2-Methylnaphth...	0.754	0.794	0.808	0.827	0.790	0.788	0.791	0.793	2.80
38)	1-Methylnaphth...	0.726	0.756	0.776	0.784	0.749	0.746	0.750	0.755	2.55

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.537	0.552	0.568	0.576	0.551	0.561	0.555	0.557	2.26
41) P	Hexachlorocycl...	0.288	0.302	0.324	0.340	0.319	0.294	0.305	0.310	5.91
42) S	2,4,6-Tribromo...	0.225	0.253	0.262	0.276	0.263	0.274	0.274	0.261	6.84
43) C	2,4,6-Trichlor...	0.346	0.373	0.403	0.415	0.396	0.404	0.403	0.391	6.06
44)	2,4,5-Trichlor...	0.399	0.415	0.440	0.457	0.435	0.445	0.443	0.433	4.61
45) S	2-Fluorobiphenyl	1.287	1.332	1.364	1.386	1.321	1.351	1.343	1.340	2.37
46)	1,1'-Biphenyl	1.392	1.428	1.441	1.467	1.385	1.420	1.394	1.418	2.10
47)	2-Chloronaphth...	1.050	1.105	1.135	1.153	1.098	1.124	1.111	1.111	2.96
48)	2-Nitroaniline	0.289	0.319	0.360	0.386	0.370	0.376	0.378	0.354	10.21
49)	Acenaphthylene	1.597	1.753	1.835	1.858	1.791	1.806	1.788	1.775	4.82
50)	Dimethylphthalate	1.453	1.515	1.534	1.551	1.466	1.497	1.486	1.500	2.38
51)	2,6-Dinitrotol...	0.310	0.325	0.341	0.348	0.340	0.345	0.343	0.336	4.03
52) C	Acenaphthene	1.068	1.112	1.124	1.162	1.102	1.129	1.123	1.117	2.56
53)	3-Nitroaniline	0.281	0.320	0.349	0.360	0.350	0.358	0.357	0.339	8.55
54) P	2,4-Dinitrophenol	0.156	0.168	0.196	0.216	0.210	0.218	0.222	0.198	13.25
55)	Dibenzofuran	1.780	1.855	1.865	1.874	1.804	1.835	1.813	1.832	1.90
56) P	4-Nitrophenol	0.246	0.280	0.311	0.321	0.313	0.316	0.315	0.300	9.21
57)	2,4-Dinitrotol...	0.384	0.444	0.477	0.502	0.480	0.495	0.494	0.468	8.95
58)	Fluorene	1.425	1.499	1.582	1.621	1.534	1.585	1.574	1.546	4.27
59)	2,3,4,6-Tetrac...	0.367	0.389	0.412	0.424	0.405	0.413	0.418	0.404	4.87
60)	Diethylphthalate	1.500	1.614	1.654	1.672	1.595	1.620	1.603	1.608	3.44
61)	4-Chlorophenyl...	0.735	0.759	0.775	0.797	0.755	0.772	0.765	0.765	2.48
62)	4-Nitroaniline	0.295	0.351	0.388	0.404	0.391	0.397	0.396	0.374	10.44
63)	Azobenzene	1.449	1.617	1.672	1.672	1.599	1.608	1.589	1.601	4.68
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.102	0.108	0.128	0.134	0.133	0.136	0.136	0.125	11.33
66) c	n-Nitrosodiphe...	0.545	0.588	0.605	0.605	0.585	0.591	0.596	0.588	3.44
67)	4-Bromophenyl-...	0.195	0.209	0.213	0.212	0.205	0.207	0.208	0.207	2.88
68)	Hexachlorobenzene	0.217	0.238	0.240	0.239	0.231	0.235	0.233	0.233	3.30
69)	Atrazine	0.205	0.213	0.224	0.225	0.216	0.215	0.213	0.216	3.16
70) C	Pentachlorophenol	0.122	0.137	0.157	0.163	0.160	0.164	0.164	0.152	10.88
71)	Phenanthrene	1.040	1.102	1.137	1.140	1.105	1.113	1.116	1.108	3.01
72)	Anthracene	1.020	1.068	1.117	1.132	1.094	1.106	1.108	1.092	3.42
73)	Carbazole	0.984	1.084	1.116	1.108	1.085	1.097	1.095	1.081	4.11
74)	Di-n-butylphth...	1.067	1.208	1.310	1.353	1.306	1.324	1.322	1.270	7.89
75) C	Fluoranthene	1.286	1.372	1.422	1.413	1.390	1.416	1.403	1.386	3.43
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.423	0.509	0.472	0.576	0.465	0.559	0.453	0.494	11.44
78)	Pyrene	1.146	1.209	1.264	1.330	1.257	1.272	1.264	1.249	4.61
79) S	Terphenyl-d14	0.939	0.977	1.026	1.080	1.018	1.027	1.009	1.011	4.36
80)	Butylbenzylpht...	0.419	0.469	0.554	0.592	0.557	0.573	0.568	0.533	11.96
81)	Benzo(a)anthra...	1.264	1.330	1.348	1.369	1.315	1.334	1.318	1.325	2.48
82)	3,3'-Dichlorob...	0.304	0.347	0.371	0.387	0.372	0.388	0.374	0.363	8.09
83)	Chrysene	1.224	1.268	1.312	1.339	1.285	1.294	1.293	1.288	2.79
84)	Bis(2-ethylhex...	0.641	0.746	0.853	0.911	0.867	0.884	0.879	0.826	11.75
85) c	Di-n-octyl pht...	1.133	1.313	1.448	1.541	1.471	1.505	1.493	1.415	10.17

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(#) = Out of Range