

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM012320.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jan 23 14:57:07 2020
 Response Via : Initial Calibration

Calibration Files

10 =BM024600.D 20 =BM024601.D 40 =BM024602.D 50 =BM024603.D 60 =BM024604.D 80 =BM024605.D 100 =BM024606.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.461	0.442	0.422	0.413	0.402	0.395	0.377	0.416	6.89
3)	Pyridine	1.283	1.320	1.196	1.200	1.160	1.174	1.109	1.206	6.00
4)	n-Nitrosodimet...	0.554	0.558	0.549	0.539	0.520	0.525	0.503	0.535	3.76
5) S	2-Fluorophenol	1.095	1.089	1.078	1.058	1.028	1.025	0.990	1.052	3.71
6)	Aniline	1.767	1.825	1.818	1.795	1.741	1.725	1.674	1.764	3.07
7) S	Phenol-d6	1.418	1.473	1.496	1.474	1.431	1.446	1.402	1.449	2.34
8)	2-Chlorophenol	1.236	1.237	1.234	1.212	1.177	1.161	1.125	1.197	3.67
9)	Benzaldehyde	1.002	0.956	0.848	0.769	0.705		0.856		14.51
10) C	Phenol	1.464	1.475	1.492	1.447	1.422	1.425	1.384	1.444	2.55
11)	bis(2-Chloroet...	1.150	1.206	1.211	1.183	1.142	1.124	1.077	1.156	4.14
12)	1,3-Dichlorobe...	1.575	1.559	1.511	1.476	1.421	1.410	1.343	1.471	5.74
13) C	1,4-Dichlorobe...	1.624	1.566	1.539	1.482	1.436	1.427	1.370	1.492	5.96
14)	1,2-Dichlorobe...	1.550	1.509	1.475	1.438	1.399	1.379	1.332	1.440	5.33
15)	Benzyl Alcohol	1.180	1.211	1.226	1.211	1.183	1.190	1.160	1.194	1.88
16)	2,2'-oxybis(1-...	1.070	1.122	1.115	1.083	1.039	1.007	0.972	1.058	5.28
17)	2-Methylphenol	1.012	1.045	1.054	1.033	1.009	1.007	0.962	1.018	3.00
18)	Hexachloroethane	0.619	0.611	0.594	0.578	0.555	0.553	0.523	0.576	5.99
19) P	n-Nitroso-di-n...	1.124	1.136	1.118	1.087	1.062	1.064	1.022	1.088	3.76
20)	3+4-Methylphenols	1.374	1.443	1.468	1.433	1.394	1.402	1.347	1.409	2.99
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.511	0.514	0.525	0.526	0.516	0.508	0.511	0.516	1.37
23) S	Nitrobenzene-d5	0.404	0.408	0.418	0.415	0.411	0.400	0.399	0.408	1.72
24)	Nitrobenzene	0.395	0.395	0.399	0.397	0.389	0.381	0.380	0.391	1.98
25)	Isophorone	0.685	0.693	0.711	0.706	0.697	0.677	0.682	0.693	1.84
26) C	2-Nitrophenol	0.161	0.173	0.186	0.189	0.188	0.185	0.186	0.181	5.62
27)	2,4-Dimethylph...	0.237	0.242	0.249	0.254	0.250	0.245	0.245	0.246	2.31
28)	bis(2-Chloroet...	0.421	0.426	0.435	0.434	0.424	0.410	0.414	0.423	2.21
29) C	2,4-Dichloroph...	0.321	0.322	0.342	0.342	0.339	0.330	0.331	0.332	2.66
30)	1,2,4-Trichlor...	0.419	0.398	0.402	0.404	0.401	0.389	0.392	0.401	2.49
31)	Naphthalene	1.017	1.004	1.027	1.029	1.012	0.989	0.992	1.010	1.56
32)	Benzoic acid	0.170	0.196	0.236	0.244	0.241	0.241	0.247	0.225	13.24
33)	4-Chloroaniline	0.423	0.431	0.456	0.458	0.449	0.440	0.442	0.443	2.91
34) C	Hexachlorobuta...	0.292	0.277	0.283	0.278	0.274	0.268	0.267	0.277	3.12
35)	Caprolactam	0.096	0.102	0.109	0.111	0.110	0.109	0.109	0.107	5.21
36) C	4-Chloro-3-met...	0.338	0.351	0.361	0.362	0.358	0.349	0.354	0.353	2.42
37)	2-Methylnaphth...	0.769	0.772	0.793	0.796	0.784	0.770	0.773	0.780	1.46
38)	1-Methylnaphth...	0.747	0.738	0.754	0.749	0.745	0.727	0.731	0.742	1.33

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.710	0.713	0.732	0.720	0.715	0.703	0.704	0.714	1.39	
41) P	Hexachlorocycl...	0.389	0.399	0.416	0.409	0.403	0.394	0.391	0.400	2.47	
42) S	2,4,6-Tribromo...	0.318	0.320	0.330	0.328	0.326	0.326	0.330	0.325	1.49	
43) C	2,4,6-Trichlor...	0.432	0.448	0.474	0.463	0.456	0.451	0.454	0.454	2.87	
44)	2,4,5-Trichlor...	0.432	0.464	0.477	0.472	0.472	0.467	0.464	0.464	3.20	
45) S	2-Fluorobiphenyl	1.466	1.478	1.514	1.482	1.465	1.448	1.444	1.471	1.60	
46)	1,1'-Biphenyl	1.491	1.523	1.554	1.536	1.513	1.488	1.489	1.514	1.70	
47)	2-Chloronaphth...	1.202	1.228	1.257	1.232	1.225	1.206	1.203	1.222	1.63	
48)	2-Nitroaniline	0.344	0.366	0.389	0.381	0.377	0.375	0.377	0.373	3.83	
49)	Acenaphthylene	1.791	1.830	1.878	1.857	1.835	1.808	1.805	1.829	1.67	
50)	Dimethylphthalate	1.622	1.644	1.661	1.631	1.606	1.577	1.579	1.617	1.97	
51)	2,6-Dinitrotol...	0.332	0.342	0.355	0.352	0.344	0.342	0.341	0.344	2.22	
52) C	Acenaphthene	1.117	1.126	1.163	1.146	1.133	1.126	1.133	1.135	1.34	
53)	3-Nitroaniline	0.322	0.351	0.374	0.365	0.360	0.361	0.363	0.357	4.71	
54) P	2,4-Dinitrophenol	0.160	0.178	0.212	0.214	0.219	0.225	0.231	0.206	12.77	
55)	Dibenzofuran	1.865	1.862	1.891	1.861	1.840	1.822	1.817	1.851	1.41	
56) P	4-Nitrophenol	0.248	0.264	0.293	0.288	0.286	0.284	0.288	0.279	5.84	
57)	2,4-Dinitrotol...	0.465	0.481	0.512	0.501	0.498	0.495	0.498	0.493	3.12	
58)	Fluorene	1.522	1.521	1.597	1.568	1.561	1.554	1.567	1.556	1.74	
59)	2,3,4,6-Tetrac...	0.455	0.465	0.481	0.483	0.473	0.468	0.470	0.470	2.03	
60)	Diethylphthalate	1.642	1.661	1.695	1.648	1.636	1.605	1.606	1.642	1.90	
61)	4-Chlorophenyl...	0.901	0.891	0.917	0.896	0.893	0.881	0.899	0.897	1.22	
62)	4-Nitroaniline	0.359	0.381	0.413	0.401	0.401	0.401	0.400	0.394	4.60	
63)	Azobenzene	1.387	1.410	1.447	1.416	1.399	1.373	1.372	1.401	1.89	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.093	0.108	0.121	0.123	0.123	0.126	0.128	0.118	10.78	
66) c	n-Nitrosodiphe...	0.553	0.569	0.583	0.586	0.580	0.573	0.577	0.574	1.91	
67)	4-Bromophenyl-...	0.246	0.243	0.252	0.252	0.251	0.249	0.248	0.249	1.30	
68)	Hexachlorobenzene	0.288	0.284	0.288	0.287	0.283	0.284	0.284	0.285	0.71	
69)	Atrazine	0.215	0.225	0.229	0.225	0.223	0.214	0.211	0.221	3.14	
70) C	Pentachlorophenol	0.160	0.167	0.178	0.180	0.178	0.177	0.178	0.174	4.32	
71)	Phenanthrene	1.070	1.073	1.101	1.102	1.085	1.075	1.076	1.083	1.24	
72)	Anthracene	1.031	1.046	1.074	1.084	1.064	1.062	1.057	1.060	1.65	
73)	Carbazole	0.936	0.952	0.984	0.981	0.969	0.969	0.961	0.965	1.71	
74)	Di-n-butylphth...	1.188	1.227	1.268	1.257	1.247	1.229	1.217	1.233	2.18	
75) C	Fluoranthene	1.340	1.337	1.367	1.369	1.364	1.348	1.337	1.352	1.07	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.491	0.540	0.479	0.437	0.382			0.466	12.82	
78)	Pyrene	1.239	1.300	1.354	1.378	1.352	1.313	1.292	1.318	3.58	
79) S	Terphenyl-d14	1.092	1.123	1.180	1.193	1.125	0.947	0.838	1.071	12.18	
80)	Butylbenzylpht...	0.479	0.525	0.574	0.585	0.574	0.569	0.566	0.553	6.86	
81)	Benzo(a)anthra...	1.370	1.390	1.424	1.434	1.405	1.362	1.333	1.388	2.58	
82)	3,3'-Dichlorob...	0.468	0.504	0.531	0.526	0.510	0.484	0.474	0.499	4.96	
83)	Chrysene	1.308	1.332	1.363	1.358	1.339	1.301	1.271	1.325	2.49	
84)	Bis(2-ethylhex...	0.738	0.794	0.842	0.853	0.839	0.822	0.825	0.816	4.85	
85) c	Di-n-octyl pht...	1.233	1.339	1.416	1.417	1.395	1.366	1.275	1.349	5.30	
86)	Indeno(1,2,3-c...	1.631	1.594	1.534	1.384	1.354	1.307	1.302	1.444	9.64	

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[illegible]

(#) = Out of Range