

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM043019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed May 01 03:58:37 2019
 Response Via : Initial Calibration

Calibration Files

10 =BM020077.D 20 =BM020078.D 40 =BM020079.D 50 =BM020080.D 60 =BM020081.D 80 =BM020082.D 100 =BM020083.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.635	0.597	0.557	0.602	0.616	0.608	0.585	0.600	4.08
3)	Pyridine	1.503	1.598	1.572	1.515	1.575	1.513	1.467	1.535	3.09
4)	n-Nitrosodimet...	0.411	0.408	0.468	0.531	0.540	0.547	0.539	0.492	12.64
5) S	2-Fluorophenol	1.202	1.190	1.175	1.234	1.268	1.265	1.230	1.224	2.94
6)	Aniline	2.116	2.116	2.012	2.096	2.149	2.159	2.081	2.104	2.33
7) S	Phenol-d6	1.650	1.631	1.610	1.696	1.716	1.719	1.678	1.672	2.52
8)	2-Chlorophenol	1.303	1.311	1.299	1.352	1.381	1.358	1.322	1.332	2.36
9)	Benzaldehyde	1.475	1.379	1.251	1.236	1.215	1.034		1.265	11.96
10) C	Phenol	1.790	1.762	1.757	1.794	1.853	1.848	1.791	1.799	2.10
11)	bis(2-Chloroet...	1.232	1.300	1.292	1.336	1.339	1.348	1.308	1.308	3.03
12)	1,3-Dichlorobe...	1.592	1.577	1.499	1.529	1.574	1.564	1.515	1.550	2.29
13) C	1,4-Dichlorobe...	1.652	1.566	1.519	1.549	1.580	1.575	1.521	1.566	2.89
14)	1,2-Dichlorobe...	1.551	1.498	1.430	1.488	1.510	1.508	1.458	1.492	2.61
15)	Benzyl Alcohol	1.521	1.656	1.583	1.623	1.646	1.646	1.608	1.612	2.94
16)	2,2'-oxybis(1-...	1.116	1.122	1.097	1.091	1.087	1.050	1.027	1.084	3.16
17)	2-Methylphenol	1.162	1.165	1.138	1.147	1.197	1.158	1.142	1.158	1.71
18)	Hexachloroethane	0.679	0.651	0.624	0.658	0.660	0.669	0.630	0.653	3.04
19) P	n-Nitroso-di-n...	1.434	1.478	1.427	1.423	1.419	1.418	1.411	1.430	1.56
20)	3+4-Methylphenols	1.477	1.548	1.518	1.543	1.581	1.584	1.526	1.540	2.42
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.573	0.551	0.525	0.548	0.537	0.549	0.544	0.547	2.68
23) S	Nitrobenzene-d5	0.510	0.495	0.490	0.507	0.514	0.519	0.511	0.507	2.10
24)	Nitrobenzene	0.545	0.520	0.506	0.529	0.525	0.529	0.524	0.525	2.25
25)	Isophorone	0.854	0.883	0.867	0.885	0.872	0.878	0.878	0.874	1.24
26) C	2-Nitrophenol	0.130	0.138	0.155	0.164	0.170	0.173	0.179	0.159	11.52
27)	2,4-Dimethylph...	0.282	0.256	0.254	0.262	0.263	0.266	0.265	0.264	3.40
28)	bis(2-Chloroet...	0.471	0.464	0.469	0.482	0.481	0.483	0.481	0.476	1.58
29) C	2,4-Dichloroph...	0.320	0.324	0.322	0.342	0.339	0.342	0.341	0.333	3.09
30)	1,2,4-Trichlor...	0.436	0.405	0.394	0.407	0.409	0.412	0.404	0.410	3.14
31)	Naphthalene	1.096	1.037	1.002	1.033	1.036	1.035	1.026	1.038	2.75
32)	Benzoic acid	0.122	0.150	0.173	0.184	0.190	0.196	0.209	0.175	17.03
33)	4-Chloroaniline	0.426	0.427	0.421	0.429	0.430	0.428	0.428	0.427	0.71
34) C	Hexachlorobuta...	0.307	0.290	0.281	0.285	0.290	0.290	0.286	0.290	2.85
35)	Caprolactam	0.089	0.095	0.102	0.101	0.104	0.103	0.103	0.100	5.53
36) C	4-Chloro-3-met...	0.383	0.390	0.391	0.397	0.390	0.390	0.397	0.391	1.24
37)	2-Methylnaphth...	0.775	0.757	0.744	0.756	0.752	0.756	0.758	0.757	1.23
38)	1-Methylnaphth...	0.770	0.744	0.725	0.744	0.728	0.735	0.734	0.740	2.02

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.798	0.764	0.742	0.806	0.793	0.786	0.788	0.782	2.85	
41) P	Hexachlorocycl...	0.440	0.434	0.435	0.477	0.478	0.478	0.484	0.461	5.02	
42) S	2,4,6-Tribromo...	0.282	0.299	0.308	0.319	0.319	0.316	0.331	0.310	5.20	
43) C	2,4,6-Trichlor...	0.393	0.419	0.434	0.467	0.462	0.463	0.476	0.445	6.86	
44)	2,4,5-Trichlor...	0.478	0.476	0.478	0.514	0.512	0.504	0.515	0.497	3.75	
45) S	2-Fluorobiphenyl	1.681	1.577	1.545	1.654	1.647	1.623	1.651	1.626	2.95	
46)	1,1'-Biphenyl	1.723	1.608	1.580	1.674	1.650	1.636	1.653	1.646	2.79	
47)	2-Chloronaphth...	1.378	1.301	1.240	1.334	1.322	1.299	1.327	1.314	3.20	
48)	2-Nitroaniline	0.393	0.435	0.462	0.495	0.498	0.489	0.503	0.468	8.72	
49)	Acenaphthylene	2.131	2.057	2.032	2.156	2.111	2.095	2.142	2.103	2.15	
50)	Dimethylphthalate	1.730	1.695	1.669	1.732	1.709	1.657	1.706	1.700	1.69	
51)	2,6-Dinitrotol...	0.342	0.339	0.351	0.372	0.367	0.361	0.373	0.358	3.96	
52) C	Acenaphthene	1.230	1.184	1.171	1.227	1.220	1.193	1.219	1.206	1.94	
53)	3-Nitroaniline	0.291	0.315	0.327	0.350	0.345	0.344	0.353	0.332	6.87	
54) P	2,4-Dinitrophenol	0.101	0.124	0.143	0.161	0.164	0.175	0.192	0.151	20.63	
55)	Dibenzofuran	2.092	2.046	1.958	2.060	2.034	2.006	2.046	2.035	2.10	
56) P	4-Nitrophenol	0.239	0.259	0.285	0.298	0.301	0.295	0.309	0.284	8.97	
57)	2,4-Dinitrotol...	0.417	0.455	0.485	0.505	0.508	0.509	0.527	0.486	7.89	
58)	Fluorene	1.696	1.623	1.619	1.705	1.680	1.665	1.710	1.671	2.23	
59)	2,3,4,6-Tetrac...	0.438	0.461	0.458	0.488	0.482	0.479	0.499	0.472	4.42	
60)	Diethylphthalate	1.684	1.732	1.712	1.745	1.706	1.668	1.741	1.713	1.69	
61)	4-Chlorophenyl...	0.955	0.933	0.917	0.965	0.945	0.942	0.970	0.947	1.95	
62)	4-Nitroaniline	0.325	0.342	0.368	0.378	0.383	0.382	0.388	0.367	6.47	
63)	Azobenzene	2.032	2.027	1.983	2.075	2.027	1.976	2.023	2.020	1.65	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.069	0.078	0.088	0.100	0.102	0.107	0.113	0.094	17.12	
66) c	n-Nitrosodiphe...	0.590	0.579	0.572	0.597	0.601	0.590	0.591	0.589	1.74	
67)	4-Bromophenyl-...	0.246	0.240	0.237	0.251	0.249	0.248	0.247	0.245	1.99	
68)	Hexachlorobenzene	0.292	0.280	0.274	0.285	0.287	0.280	0.278	0.282	2.20	
69)	Atrazine	0.225	0.226	0.226	0.240	0.240	0.225	0.227	0.230	2.98	
70) C	Pentachlorophenol	0.130	0.145	0.159	0.169	0.174	0.173	0.179	0.161	11.14	
71)	Phenanthrene	1.134	1.081	1.066	1.117	1.119	1.101	1.109	1.104	2.14	
72)	Anthracene	1.099	1.094	1.067	1.117	1.125	1.108	1.117	1.104	1.76	
73)	Carbazole	1.016	0.967	0.965	1.002	1.023	0.998	1.002	0.996	2.24	
74)	Di-n-butylphth...	1.102	1.166	1.194	1.230	1.239	1.218	1.241	1.199	4.19	
75) C	Fluoranthene	1.415	1.354	1.352	1.408	1.430	1.393	1.426	1.397	2.31	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.566	0.629	0.628	0.588	0.534	0.782	0.748	0.639	14.49	
78)	Pyrene	1.356	1.338	1.296	1.379	1.362	1.349	1.319	1.343	2.07	
79) S	Terphenyl-d14	1.123	1.130	1.114	1.186	1.161	1.164	1.148	1.147	2.25	
80)	Butylbenzylphth...	0.399	0.450	0.487	0.518	0.515	0.520	0.528	0.488	9.71	
81)	Benzo(a)anthra...	1.438	1.365	1.347	1.422	1.424	1.415	1.407	1.403	2.40	
82)	3,3'-Dichlorob...	0.512	0.513	0.526	0.555	0.551	0.549	0.542	0.535	3.42	
83)	Chrysene	1.417	1.327	1.326	1.369	1.377	1.360	1.345	1.360	2.35	
84)	Bis(2-ethylhex...	0.646	0.706	0.765	0.798	0.795	0.785	0.810	0.758	7.94	
85) c	Di-n-octyl pht...	1.045	1.153	1.257	1.323	1.342	1.332	1.363	1.259	9.41	
86)	Indeno(1,2,3-c...	1.652	1.483	1.540	1.641	1.696	1.662	1.652	1.618	4.72	

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(#) = Out of Range