

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
 Method File : 8270-BN032619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Mar 27 05:27:09 2019
 Response Via : Initial Calibration

Calibration Files

10 =BN004972.D 20 =BN004973.D 40 =BN004974.D 50 =BN004975.D 60 =BN004976.D 80 =BN004977.D 100 =BN004978.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.426	0.418	0.420	0.416	0.426	0.432	0.411	0.422	1.72
3)	Pyridine	1.141	1.190	1.161	1.176	1.194	1.180	1.204	1.178	1.83
4)	n-Nitrosodimet...	0.303	0.353	0.391	0.396	0.415	0.413	0.417	0.384	10.96
5) S	2-Fluorophenol	1.159	1.162	1.153	1.153	1.173	1.164	1.134	1.157	1.07
6)	Aniline		1.978	1.990	1.959	1.979	1.878	1.939	1.954	2.12
7) S	Phenol-d6	1.536	1.557	1.562	1.540	1.555	1.480	1.510	1.534	1.92
8)	2-Chlorophenol	1.467	1.485	1.478	1.475	1.490	1.433	1.452	1.469	1.36
9)	Benzaldehyde		0.999	0.926	0.885	0.858	0.785	0.836	0.882	8.47
10) C	Phenol	1.643	1.652	1.673	1.651	1.669	1.588	1.633	1.644	1.72
11)	bis(2-Chloroet...	1.285	1.276	1.287	1.274	1.284	1.231	1.262	1.271	1.55
12)	1,3-Dichlorobe...	1.641	1.604	1.607	1.586	1.604	1.583	1.575	1.600	1.35
13) C	1,4-Dichlorobe...	1.640	1.642	1.621	1.609	1.636	1.595	1.592	1.620	1.30
14)	1,2-Dichlorobe...	1.575	1.573	1.568	1.548	1.551	1.514	1.520	1.550	1.59
15)	Benzyl Alcohol		1.156	1.188	1.176	1.184	1.116	1.184	1.167	2.36
16)	2,2'-oxybis(1-...	1.614	1.571	1.546	1.518	1.546	1.450	1.492	1.534	3.48
17)	2-Methylphenol	1.137	1.173	1.182	1.145	1.155	1.094	1.137	1.146	2.50
18)	Hexachloroethane	0.560	0.576	0.579	0.576	0.582	0.568	0.576	0.574	1.27
19) P	n-Nitroso-di-n...	1.026	1.042	1.045	1.010	1.012	0.920	0.985	1.006	4.27
20)	3+4-Methylphenols	1.535	1.589	1.589	1.578	1.575	1.474	1.552	1.556	2.65
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.458	0.465	0.459	0.456	0.460	0.450	0.448	0.457	1.32
23) S	Nitrobenzene-d5	0.332	0.333	0.331	0.332	0.332	0.330	0.325	0.331	0.86
24)	Nitrobenzene	0.329	0.336	0.335	0.336	0.338	0.334	0.332	0.335	0.88
25)	Isophorone	0.664	0.660	0.650	0.641	0.644	0.613	0.637	0.644	2.63
26) C	2-Nitrophenol	0.184	0.192	0.195	0.196	0.199	0.197	0.198	0.194	2.70
27)	2,4-Dimethylph...	0.278	0.274	0.271	0.271	0.270	0.263	0.266	0.270	1.76
28)	bis(2-Chloroet...	0.412	0.407	0.401	0.400	0.398	0.388	0.388	0.399	2.32
29) C	2,4-Dichloroph...	0.305	0.311	0.312	0.313	0.315	0.308	0.312	0.311	1.07
30)	1,2,4-Trichlor...	0.344	0.343	0.341	0.341	0.344	0.343	0.340	0.342	0.50
31)	Naphthalene	1.084	1.063	1.044	1.040	1.037	1.021	1.016	1.043	2.27
32)	Benzoic acid		0.180	0.217	0.219	0.225	0.220	0.239	0.217	9.01
33)	4-Chloroaniline		0.433	0.430	0.426	0.427	0.411	0.420	0.425	1.87
34) C	Hexachlorobuta...	0.224	0.221	0.220	0.222	0.223	0.222	0.219	0.222	0.75
35)	Caprolactam	0.087	0.103	0.108	0.103	0.105	0.097	0.110	0.102	7.56
36) C	4-Chloro-3-met...	0.341	0.341	0.343	0.335	0.337	0.318	0.335	0.336	2.51
37)	2-Methylnaphth...	0.774	0.758	0.744	0.733	0.732	0.701	0.717	0.737	3.33
38)	1-Methylnaphth...	0.766	0.747	0.730	0.716	0.710	0.682	0.697	0.721	3.99

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.711	0.695	0.700	0.721	0.717	0.727	0.695	0.709	1.83	
41) P	Hexachlorocycl...	0.320	0.367	0.390	0.396	0.418	0.396	0.381	8.93		
42) S	2,4,6-Tribromo...	0.319	0.325	0.327	0.319	0.320	0.316	0.331	0.323	1.65	
43) C	2,4,6-Trichlor...	0.413	0.433	0.440	0.452	0.449	0.452	0.442	0.440	3.12	
44)	2,4,5-Trichlor...	0.447	0.473	0.485	0.489	0.490	0.489	0.482	0.480	3.25	
45) S	2-Fluorobiphenyl	1.584	1.525	1.502	1.523	1.507	1.507	1.415	1.509	3.30	
46)	1,1'-Biphenyl	1.732	1.691	1.691	1.707	1.710	1.695	1.623	1.693	2.00	
47)	2-Chloronaphth...	1.327	1.296	1.283	1.313	1.307	1.310	1.257	1.299	1.78	
48)	2-Nitroaniline	0.329	0.345	0.349	0.353	0.351	0.348	0.346	0.346	2.34	
49)	Acenaphthylene	2.260	2.203	2.190	2.199	2.186	2.163	2.093	2.185	2.30	
50)	Dimethylphthalate	1.726	1.674	1.652	1.634	1.620	1.581	1.615	1.643	2.84	
51)	2,6-Dinitrotol...	0.377	0.379	0.376	0.371	0.372	0.368	0.374	0.374	0.99	
52) C	Acenaphthene	1.282	1.240	1.235	1.237	1.222	1.212	1.176	1.229	2.61	
53)	3-Nitroaniline	0.376	0.382	0.391	0.383	0.385	0.376	0.383	0.382	1.37	
54) P	2,4-Dinitrophenol	0.173	0.203	0.205	0.214	0.213	0.235	0.207	9.72		
55)	Dibenzofuran	2.061	1.995	1.956	1.958	1.941	1.911	1.868	1.956	3.14	
56) P	4-Nitrophenol	0.278	0.305	0.296	0.302	0.304	0.320	0.301	4.54		
57)	2,4-Dinitrotol...	0.507	0.517	0.518	0.503	0.507	0.496	0.510	0.508	1.54	
58)	Fluorene	1.689	1.626	1.595	1.572	1.559	1.518	1.500	1.580	4.09	
59)	2,3,4,6-Tetrac...	0.419	0.442	0.451	0.448	0.451	0.444	0.458	0.445	2.80	
60)	Diethylphthalate	1.747	1.703	1.665	1.596	1.616	1.553	1.597	1.640	4.17	
61)	4-Chlorophenyl...	0.859	0.840	0.819	0.808	0.806	0.789	0.784	0.815	3.30	
62)	4-Nitroaniline	0.376	0.390	0.398	0.379	0.381	0.376	0.388	0.384	2.21	
63)	Azobenzene	1.428	1.404	1.377	1.358	1.356	1.313	1.319	1.365	3.08	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.124	0.133	0.134	0.136	0.136	0.141	0.134	4.26		
66) c	n-Nitrosodiphe...	0.648	0.635	0.620	0.639	0.639	0.627	0.601	0.630	2.48	
67)	4-Bromophenyl-...	0.250	0.247	0.247	0.252	0.253	0.250	0.247	0.250	1.09	
68)	Hexachlorobenzene	0.298	0.287	0.291	0.293	0.296	0.293	0.289	0.292	1.31	
69)	Atrazine	0.234	0.233	0.228	0.222	0.222	0.217	0.220	0.225	3.07	
70) C	Pentachlorophenol	0.130	0.150	0.153	0.159	0.161	0.168	0.154	8.52		
71)	Phenanthrene	1.176	1.139	1.120	1.120	1.121	1.113	1.078	1.124	2.64	
72)	Anthracene	1.163	1.131	1.116	1.113	1.120	1.109	1.078	1.119	2.27	
73)	Carbazole	1.072	1.049	1.025	1.000	0.999	1.005	0.978	1.018	3.20	
74)	Di-n-butylphth...	1.311	1.288	1.255	1.193	1.215	1.202	1.217	1.240	3.65	
75) C	Fluoranthene	1.372	1.336	1.291	1.229	1.235	1.281	1.231	1.282	4.35	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.669	0.686	0.695	0.634	0.640	0.556	0.485	0.623	12.30	
78)	Pyrene	1.384	1.342	1.379	1.336	1.353	1.209	1.345	1.335	4.40	
79) S	Terphenyl-d14	1.100	1.073	1.082	1.035	1.043	0.920	1.018	1.039	5.75	
80)	Butylbenzylphth...	0.561	0.552	0.555	0.529	0.539	0.502	0.560	0.543	3.89	
81)	Benzo(a)anthra...	1.304	1.258	1.257	1.235	1.247	1.208	1.213	1.246	2.59	
82)	3,3'-Dichlorob...	0.504	0.488	0.475	0.458	0.461	0.460	0.414	0.466	6.06	
83)	Chrysene	1.245	1.210	1.189	1.173	1.197	1.174	1.141	1.190	2.74	
84)	Bis(2-ethylhex...	0.773	0.761	0.765	0.728	0.745	0.713	0.770	0.751	3.08	
85) c	Di-n-octyl pht...	1.215	1.201	1.204	1.194	1.234	1.239	1.195	1.212	1.51	
86)	Indeno(1,2,3-c...	1.209	1.185	1.241	1.455	1.498	1.631	1.245	1.352	12.88	

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[illegible]

(#) = Out of Range