

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF031820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BF119408.D 20 =BF119409.D 40 =BF119410.D 50 =BF119411.D 60 =BF119412.D 80 =BF119413.D 100 =BF119414.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.782	0.649	0.643	0.610	0.611	0.550	0.498	0.621	14.36
3)	Pyridine	2.123	1.755	1.787	1.680	1.680	1.531	1.411	1.709	13.13
4)	n-Nitrosodimet...	0.992	0.865	0.867	0.826	0.834	0.756	0.696	0.834	11.21
5) S	2-Fluorophenol	1.664	1.368	1.316	1.213	1.206	1.068	0.960	1.256	18.08
6)	Aniline	2.749	2.378	2.359	2.168	2.169	1.945	1.737	2.215	14.72
7) S	Phenol-d6	2.129	1.755	1.701	1.551	1.536	1.352	1.210	1.605	18.59
8)	2-Chlorophenol	1.710	1.430	1.405	1.285	1.265	1.132	1.011	1.320	17.13
9)	Benzaldehyde	1.378	1.118	1.057	0.968	0.954	0.865	0.787	1.018	19.00
10) C	Phenol	2.250	1.837	1.802	1.681	1.659	1.443	1.315	1.712	17.64
11)	bis(2-Chloroet...	1.782	1.448	1.434	1.334	1.318	1.194	1.076	1.370	16.36
12)	1,3-Dichlorobe...	1.874	1.553	1.490	1.383	1.370	1.226	1.102	1.428	17.40
13) C	1,4-Dichlorobe...	1.879	1.569	1.486	1.368	1.370	1.218	1.111	1.428	17.57
14)	1,2-Dichlorobe...	1.786	1.482	1.416	1.292	1.271	1.114	0.986	1.335	19.53
15)	Benzyl Alcohol	1.506	1.301	1.298	1.188	1.174	1.053	0.932	1.207	15.40
16)	2,2'-oxybis(1-...	3.559	2.940	2.885	2.667	2.673	2.408	2.206	2.763	15.73
17)	2-Methylphenol	1.520	1.295	1.269	1.179	1.176	1.052	0.973	1.209	14.72
18)	Hexachloroethane	0.643	0.545	0.544	0.512	0.509	0.473	0.439	0.523	12.35
19) P	n-Nitroso-di-n...	1.216	1.031	1.008	0.934	0.928	0.858	0.797	0.967	14.08
20)	3+4-Methylphenols	1.974	1.673	1.574	1.447	1.405	1.214	1.085	1.482	19.94
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.606	0.510	0.492	0.462	0.460	0.425	0.391	0.478	14.44
23) S	Nitrobenzene-d5	0.396	0.368	0.383	0.370	0.377	0.353	0.330	0.368	5.76
24)	Nitrobenzene	0.442	0.401	0.406	0.392	0.395	0.372	0.345	0.393	7.55
25)	Isophorone	0.878	0.753	0.763	0.719	0.732	0.708	0.673	0.746	8.72
26) C	2-Nitrophenol	0.125	0.137	0.162	0.162	0.172	0.167	0.159	0.155	10.93
27)	2,4-Dimethylph...	0.385	0.328	0.329	0.313	0.314	0.296	0.277	0.320	10.54
28)	bis(2-Chloroet...	0.531	0.455	0.451	0.425	0.432	0.409	0.386	0.441	10.51
29) C	2,4-Dichloroph...	0.345	0.301	0.302	0.289	0.291	0.277	0.254	0.294	9.36
30)	1,2,4-Trichlor...	0.395	0.338	0.333	0.317	0.320	0.300	0.274	0.325	11.54
31)	Naphthalene	1.333	1.116	1.072	0.993	0.986	0.898	0.806	1.029	16.43
32)	Benzoic acid	0.155	0.170	0.211	0.222	0.238	0.217	0.228	0.206	15.08
33)	4-Chloroaniline	0.583	0.499	0.491	0.460	0.456	0.425	0.387	0.472	13.20
34) C	Hexachlorobuta...	0.217	0.189	0.186	0.177	0.179	0.169	0.157	0.182	10.29
35)	Caprolactam	0.107	0.099	0.102	0.093	0.097	0.091	0.084	0.096	7.71
36) C	4-Chloro-3-met...	0.380	0.330	0.332	0.316	0.318	0.300	0.275	0.322	10.01
37)	2-Methylnaphth...	0.856	0.719	0.696	0.657	0.652	0.601	0.547	0.675	14.53
38)	1-Methylnaphth...	0.808	0.682	0.665	0.616	0.620	0.568	0.517	0.639	14.56

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.751	0.626	0.606	0.567	0.567	0.519	0.469	0.586	15.27	
41) P	Hexachlorocycl...	0.377	0.337	0.344	0.323	0.329	0.322	0.302	0.333	7.06	
42) S	2,4,6-Tribromo...	0.238	0.214	0.214	0.205	0.208	0.192	0.173	0.206	9.81	
43) C	2,4,6-Trichlor...	0.491	0.428	0.431	0.407	0.425	0.394	0.362	0.420	9.49	
44)	2,4,5-Trichlor...	0.559	0.481	0.489	0.461	0.463	0.433	0.403	0.470	10.42	
45) S	2-Fluorobiphenyl	1.783	1.452	1.344	1.233	1.209	1.079		1.350	18.30	
46)	1,1'-Biphenyl	2.103	1.774	1.700	1.579	1.578	1.410	1.258	1.629	16.65	
47)	2-Chloronaphth...	1.623	1.366	1.319	1.240	1.241	1.128	1.015	1.276	15.11	
48)	2-Nitroaniline	0.407	0.417	0.470	0.458	0.477	0.441	0.412	0.440	6.55	
49)	Acenaphthylene	2.600	2.192	2.092	1.924	1.938	1.736	1.543	2.004	16.96	
50)	Dimethylphthalate	1.751	1.491	1.470	1.370	1.387	1.290	1.185	1.421	12.62	
51)	2,6-Dinitrotol...	0.301	0.304	0.321	0.311	0.316	0.302	0.277	0.304	4.69	
52) C	Acenaphthene	1.552	1.338	1.286	1.208	1.229	1.118	1.013	1.249	13.71	
53)	3-Nitroaniline	0.401	0.394	0.404	0.390	0.402	0.368	0.333	0.384	6.67	
54) P	2,4-Dinitrophenol	0.068	0.082	0.111	0.118	0.134	0.137	0.132	0.112	24.09	
55)	Dibenzofuran	2.334	1.970	1.861	1.724	1.732	1.546	1.370	1.791	17.32	
56) P	4-Nitrophenol	0.296	0.310	0.326	0.314	0.321	0.292	0.263	0.303	7.14	
57)	2,4-Dinitrotol...	0.344	0.368	0.405	0.398	0.417	0.394	0.359	0.384	6.97	
58)	Fluorene	1.756	1.460	1.383	1.274	1.263	1.136	1.000	1.324	18.38	
59)	2,3,4,6-Tetrac...	0.394	0.365	0.372	0.347	0.355	0.326	0.299	0.351	8.88	
60)	Diethylphthalate	1.749	1.524	1.491	1.400	1.426	1.316	1.186	1.442	12.23	
61)	4-Chlorophenyl...	0.841	0.722	0.669	0.627	0.619	0.557	0.497	0.648	17.32	
62)	4-Nitroaniline	0.383	0.365	0.390	0.372	0.390	0.355	0.326	0.369	6.23	
63)	Azobenzene	1.780	1.545	1.507	1.411	1.427	1.312	1.182	1.452	13.02	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.055	0.068	0.087	0.089	0.097	0.098	0.093	0.084	19.23	
66) c	n-Nitrosodiphe...	0.830	0.702	0.675	0.628	0.635	0.589	0.537	0.657	14.26	
67)	4-Bromophenyl-...	0.283	0.239	0.236	0.216	0.220	0.209	0.190	0.228	12.90	
68)	Hexachlorobenzene	0.292	0.244	0.239	0.222	0.227	0.212	0.195	0.233	13.24	
69)	Atrazine	0.223	0.187	0.184	0.171	0.177	0.166	0.152	0.180	12.39	
70) C	Pentachlorophenol	0.144	0.137	0.141	0.136	0.142	0.134	0.123	0.137	5.21	
71)	Phenanthrene	1.374	1.136	1.067	0.987	1.001	0.889	0.805	1.037	17.76	
72)	Anthracene	1.388	1.157	1.097	1.003	1.013	0.907	0.812	1.054	17.70	
73)	Carbazole	1.370	1.155	1.086	0.992	1.003	0.906	0.791	1.043	17.86	
74)	Di-n-butylphth...	1.402	1.193	1.150	1.078	1.090	1.008	0.890	1.116	14.35	
75) C	Fluoranthene	1.488	1.245	1.169	1.077	1.090	0.957	0.831	1.122	18.78	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	1.059	0.896	0.851	0.800	0.808	0.801	0.709	0.846	12.96	
78)	Pyrene	1.949	1.653	1.641	1.552	1.566	1.579	1.550	1.641	8.64	
79) S	Terphenyl-d14	1.315	1.071	1.009	0.944	0.946	0.944	0.916	1.021	13.73	
80)	Butylbenzylphth...	0.667	0.615	0.662	0.652	0.684	0.693	0.674	0.664	3.83	
81)	Benzo(a)anthra...	1.648	1.390	1.336	1.248	1.231	1.172	1.079	1.301	14.15	
82)	3,3'-Dichlorob...	0.626	0.545	0.537	0.496	0.499	0.461	0.426	0.513	12.59	
83)	Chrysene	1.683	1.419	1.381	1.274	1.302	1.214	1.122	1.342	13.41	
84)	Bis(2-ethylhex...	0.899	0.791	0.784	0.755	0.781	0.779	0.750	0.791	6.31	
85) c	Di-n-octyl pht...	1.492	1.404	1.449	1.377	1.406	1.350	1.264	1.392	5.23	
86)	Indeno(1,2,3-c...	1.662	1.426	1.217	1.144	1.116	1.086	1.198	1.264	16.45	

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[illegible]

(#) = Out of Range