

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF062321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jun 23 18:48:27 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF124430.D 10 =BF124431.D 20 =BF124432.D 40 =BF124433.D 50 =BF124434.D 60 =BF124435.D 80 =BF124436.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.558	0.515	0.571	0.559	0.500	0.545	0.579	0.547	5.30
3)	Pyridine	0.968	1.162	1.238	1.304	1.253	1.203	1.266	1.199	9.30
4)	n-Nitrosodimet...	0.575	0.657	0.661	0.654	0.648	0.666	0.667	0.647	4.98
5) S	2-Fluorophenol	1.220	1.185	1.325	1.318	1.231	1.271	1.352	1.272	4.92
6)	Aniline	1.936	1.835	1.883	1.871	1.726	1.820	1.914	1.855	3.78
7) S	Phenol-d6	1.617	1.706	1.652	1.723	1.596	1.634	1.694	1.660	2.89
8)	2-Chlorophenol	1.340	1.461	1.393	1.430	1.370	1.466	1.432	1.413	3.35
9)	Benzaldehyde	0.824	0.892	0.774	0.830	0.707	0.713	0.671	0.773	10.34
10) C	Phenol	1.982	1.850	1.778	1.746	1.681	1.742	1.789	1.795	5.40
11)	bis(2-Chloroet...	1.364	1.341	1.307	1.289	1.195	1.267	1.327	1.298	4.31
12)	1,3-Dichlorobe...	1.725	1.803	1.675	1.726	1.628	1.692	1.767	1.717	3.38
13) C	1,4-Dichlorobe...	1.730	1.766	1.823	1.722	1.666	1.678	1.798	1.741	3.37
14)	1,2-Dichlorobe...	1.566	1.702	1.683	1.631	1.579	1.656	1.658	1.639	3.10
15)	Benzyl Alcohol	1.458	1.487	1.441	1.402	1.362	1.379	1.442	1.424	3.16
16)	2,2'-oxybis(1-...	1.687	1.719	1.681	1.661	1.610	1.605	1.696	1.666	2.60
17)	2-Methylphenol	1.236	1.105	1.170	1.116	1.071	1.102	1.117	1.131	4.86
18)	Hexachloroethane	0.577	0.648	0.650	0.643	0.613	0.652	0.655	0.634	4.53
19) P	n-Nitroso-di-n...	1.200	1.100	1.153	1.092	1.061	1.124	1.086	1.117	4.24
20)	3+4-Methylphenols	1.464	1.511	1.489	1.509	1.398	1.477	1.485	1.476	2.61
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.508	0.510	0.570	0.580	0.564	0.557	0.607	0.557	6.53
23) S	Nitrobenzene-d5	0.441	0.458	0.487	0.491	0.491	0.485	0.523	0.482	5.44
24)	Nitrobenzene	0.431	0.469	0.500	0.461	0.502	0.494	0.516	0.482	6.10
25)	Isophorone	0.816	0.790	0.830	0.813	0.858	0.830	0.868	0.829	3.21
26) C	2-Nitrophenol	0.237	0.217	0.229	0.231	0.235	0.229	0.262	0.234	5.91
27)	2,4-Dimethylph...	0.292	0.300	0.312	0.312	0.315	0.322	0.333	0.312	4.30
28)	bis(2-Chloroet...	0.388	0.403	0.433	0.424	0.424	0.415	0.456	0.420	5.16
29) C	2,4-Dichloroph...	0.345	0.364	0.378	0.367	0.376	0.369	0.398	0.371	4.26
30)	1,2,4-Trichlor...	0.402	0.406	0.403	0.426	0.430	0.426	0.451	0.421	4.30
31)	Naphthalene	1.116	1.139	1.196	1.169	1.195	1.164	1.258	1.177	3.92
32)	Benzoic acid		0.101	0.142	0.167	0.170	0.189	0.202	0.162	22.27
33)	4-Chloroaniline	0.433	0.413	0.454	0.449	0.453	0.432	0.460	0.442	3.81
34) C	Hexachlorobuta...	0.291	0.269	0.275	0.269	0.286	0.279	0.300	0.281	4.20
35)	Caprolactam	0.101	0.101	0.091	0.100	0.097	0.100	0.089	0.097	5.16
36) C	4-Chloro-3-met...	0.395	0.355	0.372	0.365	0.383	0.368	0.384	0.375	3.62
37)	2-Methylnaphth...	0.834	0.796	0.822	0.833	0.844	0.825	0.876	0.833	2.92
38)	1-Methylnaphth...	0.734	0.755	0.790	0.764	0.778	0.775	0.825	0.774	3.70

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.692	0.638	0.735	0.755	0.695	0.737	0.779	0.719	6.57
41) P	Hexachlorocycl...			0.013	0.033	0.050	0.083	0.100	0.056	64.02
42) S	2,4,6-Tribromo...	0.219	0.229	0.224	0.244	0.241	0.256	0.260	0.239	6.59
43) C	2,4,6-Trichlor...	0.457	0.410	0.453	0.453	0.447	0.461	0.476	0.451	4.47
44)	2,4,5-Trichlor...	0.511	0.436	0.450	0.489	0.435	0.502	0.509	0.476	7.22
45) S	2-Fluorobiphenyl	1.571	1.518	1.640	1.684	1.575	1.677	1.763	1.633	5.12
46)	1,1'-Biphenyl	1.565	1.635	1.646	1.776	1.653	1.765	1.859	1.700	6.00
47)	2-Chloronaphth...	1.309	1.336	1.419	1.382	1.343	1.425	1.518	1.390	5.11
48)	2-Nitroaniline	0.432	0.419	0.452	0.485	0.435	0.484	0.495	0.457	6.61
49)	Acenaphthylene	1.981	1.920	2.019	2.011	1.945	2.053	2.139	2.010	3.61
50)	Dimethylphthalate	1.488	1.485	1.612	1.587	1.555	1.630	1.681	1.577	4.60
51)	2,6-Dinitrotol...	0.366	0.335	0.367	0.366	0.359	0.379	0.379	0.364	4.14
52) C	Acenaphthene	1.171	1.235	1.271	1.283	1.274	1.322	1.377	1.276	5.08
53)	3-Nitroaniline	0.281	0.300	0.325	0.326	0.327	0.343	0.354	0.322	7.72
54) P	2,4-Dinitrophenol		0.051	0.081	0.116	0.117	0.139	0.152	0.109	34.46
55)	Dibenzofuran	1.976	1.942	1.999	2.035	1.996	2.118	2.172	2.034	4.04
56) P	4-Nitrophenol		0.131	0.158	0.170	0.183	0.187	0.187	0.169	13.02
57)	2,4-Dinitrotol...	0.485	0.446	0.464	0.486	0.477	0.512	0.509	0.483	4.86
58)	Fluorene	1.565	1.475	1.526	1.551	1.536	1.622	1.666	1.563	4.04
59)	2,3,4,6-Tetrac...	0.321	0.338	0.329	0.358	0.346	0.376	0.367	0.348	5.81
60)	Diethylphthalate	1.581	1.598	1.579	1.517	1.494	1.600	1.614	1.569	2.91
61)	4-Chlorophenyl...	0.723	0.736	0.781	0.769	0.780	0.809	0.823	0.775	4.63
62)	4-Nitroaniline	0.304	0.305	0.322	0.306	0.295	0.327	0.313	0.310	3.55
63)	Azobenzene	1.499	1.538	1.608	1.532	1.522	1.597	1.637	1.562	3.30
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.116	0.131	0.146	0.156	0.147	0.164	0.143	12.04
66) c	n-Nitrosodiphe...	0.745	0.732	0.798	0.748	0.747	0.763	0.837	0.767	4.85
67)	4-Bromophenyl-...	0.265	0.265	0.274	0.259	0.261	0.270	0.290	0.269	3.87
68)	Hexachlorobenzene	0.321	0.281	0.284	0.275	0.286	0.286	0.314	0.292	6.00
69)	Atrazine	0.202	0.206	0.206	0.210	0.191	0.185	0.185	0.198	5.31
70) C	Pentachlorophenol		0.043	0.052	0.063	0.069	0.065	0.074	0.061	18.76
71)	Phenanthrene	1.261	1.209	1.326	1.207	1.250	1.228	1.344	1.261	4.34
72)	Anthracene	1.261	1.195	1.333	1.224	1.242	1.236	1.302	1.256	3.77
73)	Carbazole	1.091	1.102	1.153	1.044	1.081	1.048	1.146	1.095	3.93
74)	Di-n-butylphth...	1.271	1.284	1.377	1.227	1.310	1.287	1.369	1.304	4.10
75) C	Fluoranthene	1.351	1.292	1.300	1.183	1.257	1.215	1.284	1.269	4.43
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.438	0.373	0.455	0.396	0.404	0.370	0.369	0.401	8.60
78)	Pyrene	1.728	1.826	1.892	1.712	1.869	1.941	1.810	1.826	4.59
79) S	Terphenyl-d14	1.281	1.292	1.384	1.297	1.363	1.410	1.321	1.335	3.76
80)	Butylbenzylpht...	0.729	0.705	0.747	0.666	0.739	0.760	0.728	0.725	4.28
81)	Benzo(a)anthra...	1.340	1.394	1.467	1.372	1.472	1.471	1.577	1.442	5.54
82)	3,3'-Dichlorob...	0.491	0.471	0.484	0.425	0.452	0.440	0.471	0.462	5.20
83)	Chrysene	1.404	1.407	1.470	1.347	1.431	1.409	1.535	1.429	4.15
84)	Bis(2-ethylhex...	0.884	0.928	1.010	0.915	1.016	1.028	1.018	0.971	6.16
85) c	Di-n-octyl pht...	1.283	1.381	1.540	1.430	1.562	1.608	1.786	1.513	10.93

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.268	1.348	1.604	1.589	1.699	1.692	1.841	1.577	12.86	
88)	Benzo(b)fluora...	1.586	1.414	1.643	1.432	1.467	1.441	1.626	1.516	6.52	
89)	Benzo(k)fluora...	1.401	1.435	1.374	1.274	1.411	1.415	1.395	1.387	3.83	
90) C	Benzo(a)pyrene	1.310	1.292	1.402	1.241	1.371	1.342	1.470	1.347	5.62	
91)	Dibenzo(a,h)an...	1.160	1.184	1.380	1.357	1.416	1.450	1.563	1.359	10.58	
92)	Benzo(g,h,i)pe...	1.088	1.141	1.403	1.344	1.408	1.426	1.549	1.337	12.32	

(#) = Out of Range