Method Path : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\
Method File : 8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jul 30 17:48:53 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BF107792.D 10 =BF107793.D 25 =BF107794.D 40 =BF107795.D 50 =BF107796.D 60 =BF107797.D 80 =BF107798.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.462	0.372	0.547	0.554	0.567	0.588	0.515	16.01
3)		Pyridine		0.892	1.019	1.307	1.421	1.452	1.456	1.258	19.36
4)		n-Nitrosodimet...		0.598	0.528	0.574	0.613	0.634	0.645	0.599	7.16
5)	S	2-Fluorophenol		1.178	1.026	1.270	1.209	1.239	1.139	1.177	7.39
6)		Aniline		1.469	1.500	1.726	1.697	1.661	1.626	1.613	6.55
7)	S	Phenol-d6	1.969	1.646	1.500	1.503	1.451	1.429	1.358	1.551	13.18
8)		2-Chlorophenol	1.710	1.608	1.427	1.455	1.422	1.399	1.328	1.478	8.98
9)		Benzaldehyde	0.940	1.145	0.987	0.929	0.913	0.868	0.768	0.936	12.32
10)	C	Phenol	2.165	2.119	1.867	1.602	1.791	1.711	1.691	1.850	11.71
11)		bis(2-Chloroet...		1.951	1.598	1.608	1.523	1.543		1.645	10.65
12)		1,3-Dichlorobe...	1.599	1.692	1.517	1.557	1.533	1.510	1.445	1.550	5.03
13)	C	1,4-Dichlorobe...	1.473	2.024	1.759	1.775	1.721	1.693	1.635	1.726	9.63
14)		1,2-Dichlorobe...	1.712	1.892	1.684	1.562	1.552	1.407	1.406	1.602	10.92
15)		Benzyl Alcohol		0.962	0.920	1.012	0.987	0.979	0.924	0.964	3.77
16)		2,2'-oxybis(1-...	2.578	2.913	2.406	2.332	2.218	2.146	1.959	2.365	13.18
17)		2-Methylphenol		1.100	1.093	1.132	1.112	1.073	1.037	1.091	3.04
18)		Hexachloroethane	0.709	0.733	0.617	0.602	0.578	0.570	0.535	0.620	11.87
19)	P	n-Nitroso-di-n...	0.902	1.185	1.014	1.008	0.964	0.928	0.886	0.984	10.33
20)		3+4-Methylphenols		1.299	1.288	1.467	1.433	1.390	1.161	1.340	8.41
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone		0.538	0.578	0.464	0.451	0.445	0.411	0.481	13.18
23)	S	Nitrobenzene-d5		0.378	0.414	0.336	0.330	0.317	0.309	0.347	11.75
24)		Nitrobenzene		0.389	0.406	0.357	0.354	0.347	0.331	0.364	7.68
25)		Isophorone	0.430	0.674	0.675	0.577	0.551	0.543	0.538	0.570	14.95
26)	C	2-Nitrophenol	0.138	0.190	0.185	0.192	0.194	0.194	0.186	0.183	11.07
27)		2,4-Dimethylph...	0.294	0.240	0.220	0.242	0.240	0.243	0.234	0.245	9.39
28)		bis(2-Chloroet...	0.370	0.393	0.357	0.392	0.372	0.377	0.367	0.376	3.44
29)	C	2,4-Dichloroph...	0.246	0.283	0.280	0.287	0.287	0.284	0.269	0.277	5.38
30)		1,2,4-Trichlor...	0.292	0.356	0.324	0.320	0.316	0.308	0.293	0.316	6.89
31)		Naphthalene	0.916	1.109	0.976	0.976	0.917	0.834	0.779	0.930	11.51
32)		Benzoic acid		0.101	0.168	0.177	0.166	0.167	0.164	0.157	17.80
33)		4-Chloroaniline		0.397	0.401	0.402	0.408	0.401	0.374	0.397	3.06
34)	C	Hexachlorobuta...	0.194	0.231	0.209	0.192	0.186	0.182	0.171	0.195	10.00
35)		Caprolactam		0.078	0.080	0.084	0.084	0.081	0.092	0.083	6.20
36)	C	4-Chloro-3-met...	0.318	0.256	0.316	0.316	0.310	0.299	0.288	0.300	7.43
37)		2-Methylnaphth...	0.521	0.545	0.669	0.616	0.602	0.586	0.549	0.584	8.62

Method Path : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\
Method File : 8270-BF073018.M

38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.690	0.614	0.717	0.710	0.689	0.694	0.660	0.682	5.15
40)	P	Hexachlorocycl...		0.137	0.208	0.260	0.274	0.281	0.297	0.243	24.72
41)	S	2,4,6-Tribromo...	0.236	0.314	0.277	0.279	0.277	0.266	0.253	0.272	8.85
42)	C	2,4,6-Trichlor...	0.281	0.331	0.380	0.407	0.406	0.422	0.412	0.377	13.85
43)		2,4,5-Trichlor...	0.361	0.439	0.468	0.490	0.483	0.492	0.443	0.454	10.22
44)	S	2-Fluorobiphenyl	1.642	1.550	1.559	1.408	1.353	1.337	1.197	1.435	10.83
45)		1,1'-Biphenyl	1.949	1.834	1.909	1.858	1.769	1.779	1.643	1.820	5.57
46)		2-Chloronaphth...	1.393	1.357	1.449	1.399	1.365	1.365	1.281	1.373	3.74
47)		2-Nitroaniline	0.471	0.409	0.438	0.461	0.453	0.450	0.443	0.446	4.43
48)		Acenaphthylene	2.264	2.570	2.181	2.082	2.005	1.972	1.821	2.128	11.39
49)		Dimethylphthalate	1.509	1.535	1.546	1.525	1.498	1.474	1.427	1.502	2.71
50)		2,6-Dinitrotol...	0.277	0.348	0.337	0.329	0.339	0.334	0.321	0.326	7.16
51)	C	Acenaphthene	1.376	1.500	1.226	1.175	1.159	1.142	1.075	1.236	12.09
52)		3-Nitroaniline		0.448	0.418	0.420	0.394	0.411	0.379	0.411	5.73
53)	P	2,4-Dinitrophenol		0.087	0.106	0.151	0.159	0.158	0.177	0.140	25.28
54)		Dibenzofuran	1.957	2.273	1.968	1.901	1.829	1.798	1.648	1.911	10.14
55)	P	4-Nitrophenol		0.063	0.108	0.172	0.183	0.180	0.196	0.150	35.09
56)		2,4-Dinitrotol...	0.394	0.497	0.441	0.441	0.421	0.421	0.387	0.429	8.57
57)		Fluorene	1.581	1.773	1.516	1.449	1.412	1.383	1.279	1.485	10.75
58)		2,3,4,6-Tetrac...	0.374	0.463	0.424	0.447	0.442	0.383	0.384	0.417	8.67
59)		Diethylphthalate	1.669	1.925	1.641	1.586	1.547	1.510	1.425	1.615	9.86
60)		4-Chlorophenyl...	0.827	0.972	0.835	0.793	0.773	0.757	0.704	0.809	10.45
61)		4-Nitroaniline	0.348	0.397	0.369	0.366	0.356	0.367	0.351	0.365	4.45
62)		Azobenzene	1.647	1.730	1.491	1.477	1.445	1.416	1.321	1.504	9.28
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.094	0.100	0.113	0.116	0.116	0.115	0.109	8.64
65)	c	n-Nitrosodiphe...	0.674	0.782	0.661	0.649	0.635	0.623	0.585	0.659	9.38
66)		4-Bromophenyl-...	0.233	0.276	0.239	0.226	0.227	0.219	0.212	0.233	8.96
67)		Hexachlorobenzene	0.262	0.301	0.256	0.257	0.250	0.246	0.237	0.258	7.97
68)		Atrazine	0.184	0.235	0.201	0.197	0.192	0.184	0.170	0.195	10.40
69)	C	Pentachlorophenol		0.098	0.113	0.136	0.138	0.137	0.142	0.127	13.90
70)		Phenanthrene	0.959	1.118	0.957	0.951	0.923	0.898	0.842	0.950	8.96
71)		Anthracene	1.172	1.326	1.111	1.071	1.045	1.010	0.933	1.095	11.56
72)		Carbazole	1.077	1.287	1.107	1.080	1.055	1.029	0.943	1.082	9.66
73)		Di-n-butylphth...	1.253	1.458	1.218	1.166	1.116	1.078	0.977	1.181	12.94
74)	C	Fluoranthene	1.231	1.345	1.141	1.095	1.055	1.016	0.927	1.116	12.50
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine	0.588	0.754	0.618	0.678	0.640	0.593	0.657	0.647	8.89
77)		Pyrene	1.385	1.565	1.443	1.403	1.401	1.472	1.412	1.440	4.32
78)	S	Terphenyl-d14	0.937	1.074	0.942	0.885	0.865	0.912	0.841	0.922	8.28
79)		Butylbenzylpht...	0.588	0.677	0.623	0.636	0.626	0.639	0.626	0.631	4.16
80)		Benzo(a)anthra...	1.160	1.247	1.112	1.139	1.126	1.078	1.069	1.133	5.28
81)		3,3'-Dichlorob...	0.477	0.532	0.451	0.437	0.415	0.393	0.369	0.439	12.45
82)		Chrysene	1.270	1.406	1.199	1.194	1.166	1.198	1.121	1.222	7.57

Method Path : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\
Method File : 8270-BF073018.M

83)		Bis(2-ethylhex...	0.812	0.928	0.784	0.785	0.761	0.748	0.731	0.793	8.24
84)	c	Di-n-octyl pht...	1.330	1.504	1.221	1.286	1.221	1.188	1.158	1.273	9.23
85)		Indeno(1,2,3-c...	1.048	1.025	0.793	0.866	0.830	0.972	0.971	0.929	10.68
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	0.898	1.063	1.052	0.978	0.975	0.980	0.960	0.986	5.69
88)		Benzo(k)fluora...	1.233	1.413	1.191	1.234	1.212	1.158	1.036	1.211	9.27
89)	C	Benzo(a)pyrene	1.104	1.133	1.010	0.990	0.985	0.970	0.936	1.018	7.15
90)		Dibenzo(a,h)an...	0.873	0.939	0.832	0.848	0.845	0.969	0.913	0.888	5.92
91)		Benzo(g,h,i)pe...	0.829	0.841	0.778	0.825	0.827	0.990	0.926	0.859	8.42

(#) = Out of Range