

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 04 09:56:24 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF124119.D 10 =BF124120.D 20 =BF124121.D 40 =BF124122.D 50 =BF124123.D 60 =BF124124.D 80 =BF124125.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.600	0.609	0.610	0.567	0.551	0.541	0.591	0.581	4.83
3)	Pyridine	1.486	1.547	1.522	1.457	1.481	1.438	1.492	1.489	2.48
4)	n-Nitrosodimet...	0.810	0.925	0.937	0.867	0.881	0.866	0.907	0.885	4.89
5) S	2-Fluorophenol	1.286	1.354	1.375	1.297	1.357	1.275	1.357	1.329	3.09
6)	Aniline	2.077	2.116	2.079	1.936	2.073	1.924	2.075	2.040	3.75
7) S	Phenol-d6	1.763	1.898	1.803	1.717	1.770	1.724	1.827	1.786	3.53
8)	2-Chlorophenol	1.422	1.500	1.556	1.456	1.476	1.418	1.521	1.478	3.47
9)	Benzaldehyde	0.892	0.885	0.836	0.736	0.780	0.733	0.695	0.794	9.87
10) C	Phenol	1.911	1.996	2.051	1.845	1.964	1.800	1.942	1.930	4.48
11)	bis(2-Chloroet...	1.435	1.430	1.443	1.381	1.379	1.345	1.436	1.407	2.72
12)	1,3-Dichlorobe...	1.587	1.768	1.881	1.682	1.736	1.677	1.767	1.728	5.34
13) C	1,4-Dichlorobe...	1.650	1.746	1.848	1.688	1.757	1.658	1.788	1.734	4.17
14)	1,2-Dichlorobe...	1.647	1.651	1.761	1.613	1.667	1.562	1.708	1.658	3.85
15)	Benzyl Alcohol	1.496	1.705	1.713	1.528	1.636	1.534	1.658	1.610	5.56
16)	2,2'-oxybis(1-...	2.224	2.255	2.343	2.071	2.202	2.072	2.197	2.195	4.44
17)	2-Methylphenol	1.174	1.257	1.268	1.160	1.205	1.141	1.207	1.202	3.97
18)	Hexachloroethane	0.669	0.717	0.709	0.664	0.695	0.630	0.695	0.683	4.45
19) P	n-Nitroso-di-n...	1.254	1.311	1.341	1.165	1.318	1.181	1.255	1.261	5.41
20)	3+4-Methylphenols	1.594	1.705	1.651	1.533	1.588	1.490	1.586	1.592	4.45
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.552	0.549	0.573	0.554	0.568	0.581	0.615	0.570	4.02
23) S	Nitrobenzene-d5	0.493	0.495	0.503	0.479	0.493	0.515	0.553	0.504	4.75
24)	Nitrobenzene	0.512	0.472	0.509	0.496	0.498	0.509	0.546	0.506	4.42
25)	Isophorone	0.972	0.846	0.906	0.863	0.903	0.906	0.965	0.909	5.17
26) C	2-Nitrophenol	0.226	0.200	0.224	0.219	0.224	0.234	0.256	0.226	7.48
27)	2,4-Dimethylph...	0.326	0.289	0.324	0.307	0.319	0.321	0.345	0.319	5.42
28)	bis(2-Chloroet...	0.442	0.448	0.460	0.415	0.451	0.461	0.477	0.450	4.31
29) C	2,4-Dichloroph...	0.367	0.346	0.361	0.353	0.371	0.382	0.402	0.369	5.14
30)	1,2,4-Trichlor...	0.420	0.398	0.410	0.390	0.411	0.414	0.451	0.413	4.68
31)	Naphthalene	1.230	1.150	1.190	1.143	1.182	1.203	1.272	1.196	3.75
32)	Benzoic acid		0.180	0.182	0.177	0.194	0.208	0.232	0.196	10.97
33)	4-Chloroaniline	0.405	0.444	0.438	0.424	0.457	0.457	0.487	0.445	5.89
34) C	Hexachlorobuta...	0.312	0.284	0.286	0.280	0.290	0.287	0.304	0.292	3.96
35)	Caprolactam	0.103	0.102	0.101	0.095	0.098	0.106	0.104	0.101	3.58
36) C	4-Chloro-3-met...	0.410	0.389	0.420	0.368	0.407	0.405	0.425	0.403	4.82
37)	2-Methylnaphth...	0.819	0.817	0.835	0.811	0.832	0.859	0.896	0.839	3.56
38)	1-Methylnaphth...	0.798	0.747	0.776	0.753	0.792	0.787	0.831	0.784	3.63

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\										
Method File : 8270-BF060321.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.704	0.688	0.719	0.646	0.734	0.712	0.757	0.709	4.99
41) P	Hexachlorocycl...	0.198	0.263	0.304	0.366	0.355	0.399	0.314		23.74
42) S	2,4,6-Tribromo...	0.275	0.273	0.286	0.264	0.291	0.283	0.311	0.283	5.43
43) C	2,4,6-Trichlor...	0.449	0.433	0.474	0.441	0.472	0.456	0.510	0.462	5.62
44)	2,4,5-Trichlor...	0.495	0.445	0.523	0.464	0.513	0.488	0.543	0.496	6.84
45) S	2-Fluorobiphenyl	1.601	1.527	1.618	1.482	1.630	1.584	1.683	1.589	4.20
46)	1,1'-Biphenyl	1.650	1.656	1.745	1.547	1.745	1.664	1.812	1.688	5.11
47)	2-Chloronaphth...	1.400	1.376	1.372	1.248	1.396	1.346	1.482	1.374	5.10
48)	2-Nitroaniline	0.443	0.483	0.519	0.460	0.508	0.512	0.546	0.496	7.23
49)	Acenaphthylene	1.995	1.960	2.006	1.857	2.062	1.968	2.135	1.998	4.34
50)	Dimethylphthalate	1.755	1.680	1.681	1.481	1.654	1.588	1.744	1.655	5.74
51)	2,6-Dinitrotol...	0.381	0.386	0.375	0.338	0.388	0.377	0.410	0.379	5.66
52) C	Acenaphthene	1.280	1.323	1.314	1.203	1.337	1.266	1.410	1.305	4.95
53)	3-Nitroaniline	0.377	0.350	0.353	0.324	0.365	0.340	0.377	0.355	5.46
54) P	2,4-Dinitrophenol	0.102	0.130	0.174	0.165	0.188	0.199		0.160	23.07
55)	Dibenzofuran	2.064	1.990	2.063	1.871	2.102	2.004	2.199	2.042	4.99
56) P	4-Nitrophenol	0.229	0.223	0.268	0.246	0.273	0.262	0.276	0.254	8.45
57)	2,4-Dinitrotol...	0.484	0.502	0.477	0.483	0.506	0.496	0.556	0.500	5.30
58)	Fluorene	1.547	1.591	1.576	1.476	1.574	1.528	1.680	1.567	4.01
59)	2,3,4,6-Tetrac...	0.353	0.383	0.403	0.364	0.432	0.415	0.465	0.402	9.76
60)	Diethylphthalate	1.681	1.685	1.680	1.548	1.680	1.638	1.778	1.670	4.10
61)	4-Chlorophenyl...	0.776	0.830	0.811	0.727	0.818	0.791	0.857	0.801	5.23
62)	4-Nitroaniline	0.373	0.360	0.347	0.337	0.361	0.348	0.374	0.357	3.90
63)	Azobenzene	1.879	1.754	1.755	1.569	1.754	1.658	1.816	1.741	5.84
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.153	0.135	0.161	0.149	0.170	0.172	0.184	0.161	10.05
66) c	n-Nitrosodiphe...	0.770	0.749	0.763	0.703	0.778	0.743	0.814	0.760	4.48
67)	4-Bromophenyl-...	0.284	0.266	0.274	0.244	0.289	0.272	0.292	0.275	6.03
68)	Hexachlorobenzene	0.314	0.298	0.324	0.285	0.319	0.309	0.327	0.311	4.76
69)	Atrazine	0.210	0.215	0.221	0.218	0.216	0.210	0.216	0.215	1.93
70) C	Pentachlorophenol	0.106	0.141	0.139	0.160	0.162	0.165	0.165	0.146	15.18
71)	Phenanthrene	1.270	1.198	1.260	1.161	1.287	1.240	1.330	1.249	4.50
72)	Anthracene	1.299	1.231	1.257	1.131	1.289	1.248	1.352	1.258	5.46
73)	Carbazole	1.172	1.080	1.120	1.009	1.075	1.057	1.164	1.096	5.37
74)	Di-n-butylphth...	1.431	1.398	1.436	1.285	1.428	1.384	1.503	1.409	4.73
75) C	Fluoranthene	1.382	1.319	1.383	1.213	1.299	1.262	1.321	1.311	4.66
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.283	0.394	0.492	0.461	0.460	0.486	0.429		18.63
78)	Pyrene	1.687	1.643	1.809	1.826	2.061	2.119	2.300	1.921	12.69
79) S	Terphenyl-d14	1.269	1.281	1.363	1.393	1.573	1.640	1.678	1.457	11.73
80)	Butylbenzylpht...	0.727	0.695	0.756	0.739	0.842	0.848	0.846	0.779	8.28
81)	Benzo(a)anthra...	1.475	1.390	1.393	1.356	1.486	1.505	1.594	1.457	5.67
82)	3,3'-Dichlorob...	0.489	0.452	0.431	0.399	0.419	0.401	0.401	0.427	7.79
83)	Chrysene	1.463	1.342	1.405	1.320	1.388	1.436	1.487	1.406	4.36
84)	Bis(2-ethylhex...	0.885	0.840	0.870	0.883	1.005	0.972	1.032	0.927	8.08
85) c	Di-n-octyl pht...	1.126	1.028	1.147	1.150	1.319	1.342	1.545	1.237	14.17

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF060321.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	0.974	1.169	1.421	1.468	1.681	1.610	1.813	1.448	20.27	
88)	Benzo(b)fluora...	1.537	1.591	1.660	1.390	1.577	1.512	1.608	1.554	5.58	
89)	Benzo(k)fluora...	1.482	1.611	1.492	1.355	1.518	1.335	1.502	1.471	6.53	
90) C	Benzo(a)pyrene	1.287	1.342	1.391	1.235	1.389	1.344	1.458	1.349	5.43	
91)	Dibenzo(a,h)an...	0.926	1.038	1.196	1.238	1.448	1.376	1.543	1.252	17.66	
92)	Benzo(g,h,i)pe...	0.860	0.978	1.256	1.256	1.434	1.355	1.506	1.235	19.12	

(#) = Out of Range