Response Factor Report Instrumen

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 03 04:47:00 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BF111313.D 10 =BF111314.D 25 =BF111315.D 40 =BF111316.D 50 =BF111317.D 60 =BF111318.D 80 =BF111319.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.647	0.597	0.586	0.578	0.578	0.587	0.562	0.591	4.55
3)		Pyridine	1.148	1.368	1.507	1.548	1.527	1.547	1.515	1.451	10.17
4)		n-Nitrosodimet...	0.655	0.625	0.672	0.690	0.692	0.713	0.692	0.677	4.34
5)	S	2-Fluorophenol	1.196	1.241	1.214	1.204	1.170	1.173	1.082	1.183	4.28
6)		Aniline	1.592	1.948	2.044	2.049	1.981	1.993	1.897	1.929	8.19
7)	S	Phenol-d6	1.723	1.732	1.653	1.585	1.526	1.529	1.416	1.595	7.23
8)		2-Chlorophenol	1.566	1.563	1.508	1.453	1.405	1.394	1.286	1.454	6.96
9)		Benzaldehyde	1.236	1.169	1.044	0.895	0.830	0.779		0.992	18.82
10)	C	Phenol	1.910	1.959	1.890	1.783	1.735	1.734	1.633	1.806	6.46
11)		bis(2-Chloroet...	1.485	1.495	1.445	1.423	1.391	1.391	1.318	1.421	4.33
12)		1,3-Dichlorobe...	1.670	1.702	1.629	1.574	1.510	1.514	1.417	1.574	6.41
13)	C	1,4-Dichlorobe...	1.706	1.728	1.655	1.588	1.530	1.517	1.429	1.593	6.86
14)		1,2-Dichlorobe...	1.631	1.653	1.548	1.450	1.391	1.381	1.263	1.474	9.71
15)		Benzyl Alcohol	1.250	1.332	1.274	1.232	1.188	1.190	1.081	1.221	6.49
16)		2,2'-oxybis(1-...	2.878	2.957	2.846	2.768	2.676	2.659	2.488	2.753	5.76
17)		2-Methylphenol	1.194	1.235	1.215	1.187	1.157	1.154	1.081	1.175	4.30
18)		Hexachloroethane	0.605	0.616	0.616	0.600	0.582	0.572	0.548	0.591	4.27
19)	P	n-Nitroso-di-n...	1.154	1.133	1.081	1.046	1.014	1.022	0.967	1.060	6.33
20)		3+4-Methylphenols	1.595	1.596	1.475	1.367	1.309	1.286	1.179	1.401	11.42
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.534	0.507	0.477	0.451	0.437	0.432	0.415	0.465	9.33
23)	S	Nitrobenzene-d5	0.362	0.375	0.366	0.358	0.348	0.343	0.331	0.355	4.17
24)		Nitrobenzene	0.381	0.377	0.375	0.370	0.356	0.356	0.344	0.365	3.78
25)		Isophorone	0.630	0.630	0.608	0.600	0.588	0.585	0.579	0.603	3.46
26)	C	2-Nitrophenol	0.154	0.183	0.188	0.187	0.186	0.184	0.177	0.180	6.51
27)		2,4-Dimethylph...	0.279	0.290	0.287	0.272	0.264	0.261	0.256	0.273	4.80
28)		bis(2-Chloroet...	0.442	0.446	0.425	0.412	0.402	0.390	0.380	0.414	6.10
29)	C	2,4-Dichloroph...	0.289	0.303	0.296	0.286	0.279	0.275	0.263	0.284	4.67
30)		1,2,4-Trichlor...	0.317	0.309	0.305	0.290	0.283	0.278	0.265	0.292	6.39
31)		Naphthalene	1.080	1.039	0.978	0.910	0.877	0.847	0.791	0.932	11.26
32)		Benzoic acid	0.177	0.221	0.236	0.231	0.242	0.237	0.243	0.227	10.26
33)		4-Chloroaniline	0.344	0.407	0.422	0.418	0.409	0.402	0.383	0.398	6.74
34)	C	Hexachlorobuta...	0.177	0.172	0.169	0.162	0.156	0.153	0.146	0.162	6.79
35)		Caprolactam	0.099	0.102	0.101	0.101	0.099	0.099	0.097	0.100	1.79
36)	C	4-Chloro-3-met...	0.321	0.326	0.310	0.303	0.295	0.289	0.278	0.303	5.62
37)		2-Methylnaphth...	0.668	0.674	0.634	0.593	0.574	0.553	0.521	0.602	9.70
38)		1-Methylnaphth...	0.666	0.646	0.606	0.568	0.553	0.534	0.496	0.581	10.50

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.623	0.594	0.563	0.541	0.527	0.477	0.562	9.22
41)	P	Hexachlorocycl...	0.265	0.302	0.319	0.309	0.298	0.290	0.273	0.294	6.52
42)	S	2,4,6-Tribromo...	0.191	0.195	0.188	0.174	0.169	0.167	0.152	0.176	8.81
43)	C	2,4,6-Trichlor...	0.418	0.425	0.417	0.407	0.395	0.390	0.363	0.402	5.31
44)		2,4,5-Trichlor...	0.410	0.450	0.444	0.438	0.429	0.418	0.389	0.425	5.06
45)	S	2-Fluorobiphenyl		1.531	1.381	1.233	1.186	1.129	1.015	1.246	14.79
46)		1,1'-Biphenyl	1.960	1.926	1.826	1.670	1.612	1.546	1.406	1.706	12.05
47)		2-Chloronaphth...	1.410	1.441	1.383	1.290	1.267	1.236	1.122	1.307	8.57
48)		2-Nitroaniline	0.393	0.434	0.444	0.437	0.436	0.427	0.401	0.425	4.58
49)		Acenaphthylene	2.168	2.119	2.009	1.890	1.821	1.782	1.577	1.909	10.81
50)		Dimethylphthalate	1.597	1.559	1.481	1.413	1.390	1.369	1.259	1.438	8.10
51)		2,6-Dinitrotol...	0.295	0.329	0.335	0.328	0.324	0.323	0.296	0.319	5.12
52)	C	Acenaphthene	1.329	1.313	1.248	1.192	1.168	1.141	1.038	1.204	8.47
53)		3-Nitroaniline	0.366	0.397	0.403	0.388	0.389	0.382	0.358	0.383	4.25
54)	P	2,4-Dinitrophenol		0.093	0.115	0.127	0.136	0.140	0.139	0.125	14.62
55)		Dibenzofuran	1.999	1.962	1.819	1.694	1.662	1.607	1.427	1.739	11.66
56)	P	4-Nitrophenol	0.233	0.268	0.290	0.290	0.289	0.292	0.271	0.276	7.81
57)		2,4-Dinitrotol...	0.362	0.418	0.432	0.429	0.417	0.416	0.386	0.409	6.15
58)		Fluorene	1.530	1.401	1.293	1.197	1.169	1.116	1.000	1.244	14.39
59)		2,3,4,6-Tetrac...	0.346	0.352	0.345	0.332	0.321	0.315	0.288	0.329	6.78
60)		Diethylphthalate		1.775	1.539	1.441	1.379	1.341	1.212	1.448	13.37
61)		4-Chlorophenyl...	0.749	0.702	0.645	0.594	0.578	0.554	0.494	0.617	14.29
62)		4-Nitroaniline	0.360	0.367	0.380	0.381	0.370	0.371	0.348	0.368	3.08
63)		Azobenzene	1.636	1.591	1.516	1.445	1.401	1.369	1.262	1.460	8.95
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.097	0.111	0.118	0.121	0.121	0.120	0.115	8.23
66)	c	n-Nitrosodiphe...	0.766	0.800	0.747	0.701	0.683	0.666	0.616	0.711	8.92
67)		4-Bromophenyl-...	0.231	0.243	0.235	0.224	0.216	0.213	0.196	0.223	7.09
68)		Hexachlorobenzene	0.240	0.252	0.239	0.231	0.222	0.218	0.202	0.229	7.30
69)		Atrazine	0.236	0.238	0.217	0.201	0.196	0.189	0.163	0.206	12.97
70)	C	Pentachlorophenol	0.120	0.155	0.165	0.163	0.161	0.159	0.145	0.153	10.50
71)		Phenanthrene	1.190	1.174	1.079	1.001	0.979	0.947	0.866	1.034	11.55
72)		Anthracene	1.209	1.187	1.117	1.024	0.994	0.964	0.873	1.053	11.70
73)		Carbazole	1.218	1.224	1.140	1.059	1.040	1.024	0.912	1.088	10.36
74)		Di-n-butylphth...	1.413	1.418	1.324	1.208	1.171	1.132	1.010	1.239	12.28
75)	C	Fluoranthene	1.167	1.144	1.062	0.986	0.948	0.932	0.826	1.009	12.12
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.289	0.386	0.377	0.416	0.419		0.377	14.06
78)		Pyrene	1.513	1.564	1.550	1.573	1.551	1.542	1.512	1.544	1.51
79)	S	Terphenyl-d14	0.981	0.991	0.921	0.893	0.871	0.876	0.828	0.909	6.59
80)		Butylbenzylpht...	0.709	0.734	0.742	0.759	0.749	0.753	0.741	0.741	2.23
81)		Benzo(a)anthra...	1.228	1.212	1.158	1.108	1.072	1.061	0.995	1.119	7.57
82)		3,3'-Dichlorob...	0.456	0.488	0.458	0.424	0.395	0.391	0.351	0.423	11.25
83)		Chrysene	1.207	1.237	1.158	1.128	1.110	1.103	1.049	1.142	5.64
84)		Bis(2-ethylhex...	0.945	0.954	0.916	0.905	0.895	0.884	0.843	0.906	4.16
85)	c	Di-n-octyl pht...	1.547	1.576	1.541	1.479	1.443	1.457	1.371	1.488	4.83
86)		Indeno(1,2,3-c...	0.897	0.818	0.800	0.885	0.898	0.941	1.010	0.893	7.97

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87)	I	Perylene-d12	----------ISTD----------							
88)		Benzo(b)fluora...	1.181	1.185	1.203	1.155	1.135	1.084	1.018	1.137	5.77
89)		Benzo(k)fluora...	1.222	1.259	1.211	1.102	1.087	1.052	1.013	1.135	8.34
90)	C	Benzo(a)pyrene	1.129	1.107	1.101	1.056	1.025	1.021	0.973	1.059	5.31
91)		Dibenzo(a,h)an...	0.875	0.814	0.861	0.909	0.910	0.904	0.895	0.881	3.95
92)		Benzo(g,h,i)pe...	0.806	0.776	0.852	0.932	0.930	0.928	0.943	0.881	7.84

(#) = Out of Range