Response Factor Report Instrumen

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF061219.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 =BF114967.D 20 =BF114968.D 40 =BF114969.D 50 =BF114970.D 60 =BF114971.D 80 =BF114972.D 100 =BF114973.D

		Compound	10	20	40	50	60	80	100	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.590	0.565	0.576	0.553	0.557	0.572	0.512	0.561	4.41
3)		Pyridine	1.658	1.625	1.579	1.566	1.521	1.637	1.463	1.578	4.38
4)		n-Nitrosodimet...	0.568	0.561	0.581	0.541	0.555	0.577	0.540	0.560	2.93
5)	S	2-Fluorophenol	1.415	1.314	1.217	1.165	1.151	1.124	0.999	1.198	11.26
6)		Aniline	2.343	2.134	1.980	1.863	1.829	1.795	1.600	1.935	12.59
7)	S	Phenol-d6	1.745	1.596	1.482	1.395	1.372	1.337	1.186	1.445	12.67
8)		2-Chlorophenol	1.586	1.473	1.394	1.326	1.311	1.282	1.136	1.358	10.63
9)		Benzaldehyde	1.146	1.025	0.849	0.788	0.724	0.653	0.630	0.831	23.19
10)	C	Phenol	1.951	1.787	1.631	1.553	1.526	1.508	1.359	1.617	12.15
11)		bis(2-Chloroet...	1.418	1.304	1.287	1.240	1.231	1.219	1.084	1.255	8.05
12)		1,3-Dichlorobe...	1.848	1.709	1.607	1.559	1.549	1.498	1.335	1.586	10.20
13)	C	1,4-Dichlorobe...	1.872	1.722	1.629	1.577	1.551	1.499	1.315	1.595	10.98
14)		1,2-Dichlorobe...	1.777	1.626	1.496	1.430	1.388	1.293		1.501	11.65
15)		Benzyl Alcohol	1.283	1.162	1.091	1.035	0.985	0.940		1.083	11.57
16)		2,2'-oxybis(1-...	1.938	1.799	1.720	1.673	1.649	1.594	1.382	1.679	10.31
17)		2-Methylphenol	1.261	1.188	1.174	1.099	1.101	1.109	0.997	1.133	7.42
18)		Hexachloroethane	0.646	0.606	0.590	0.569	0.566	0.559	0.495	0.576	8.06
19)	P	n-Nitroso-di-n...	1.024	0.931	0.880	0.843	0.847	0.843	0.777	0.878	9.03
20)		3+4-Methylphenols	1.666	1.479	1.324	1.253	1.214	1.154		1.348	14.21
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.534	0.484	0.457	0.440	0.429	0.434	0.393	0.453	9.96
23)	S	Nitrobenzene-d5	0.376	0.347	0.337	0.322	0.317	0.320	0.307	0.332	7.01
24)		Nitrobenzene	0.383	0.355	0.352	0.335	0.329	0.325	0.287	0.338	8.86
25)		Isophorone	0.694	0.629	0.628	0.603	0.605	0.621	0.576	0.622	5.91
26)	C	2-Nitrophenol	0.200	0.191	0.194	0.187	0.186	0.188	0.173	0.188	4.45
27)		2,4-Dimethylph...	0.307	0.284	0.278	0.267	0.264	0.263	0.240	0.272	7.70
28)		bis(2-Chloroet...	0.464	0.416	0.408	0.391	0.384	0.384	0.348	0.399	9.00
29)	C	2,4-Dichloroph...	0.328	0.302	0.298	0.281	0.278	0.277	0.245	0.287	8.95
30)		1,2,4-Trichlor...	0.387	0.349	0.340	0.329	0.320	0.316	0.282	0.332	9.74
31)		Naphthalene	1.170	1.054	0.970	0.926	0.891	0.858	0.754	0.946	14.32
32)		Benzoic acid	0.163	0.176	0.199	0.195	0.208	0.224	0.212	0.197	10.88
33)		4-Chloroaniline	0.509	0.465	0.450	0.425	0.413	0.414	0.381	0.437	9.60
34)	C	Hexachlorobuta...	0.215	0.194	0.189	0.183	0.180	0.176	0.155	0.184	9.98
35)		Caprolactam	0.105	0.098	0.098	0.092	0.093	0.095	0.088	0.096	5.51
36)	C	4-Chloro-3-met...	0.326	0.303	0.297	0.281	0.278	0.282	0.258	0.289	7.57
37)		2-Methylnaphth...	0.781	0.699	0.637	0.621	0.599	0.576	0.504	0.631	14.09
38)		1-Methylnaphth...	0.740	0.659	0.607	0.586	0.561	0.544	0.479	0.597	14.15

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.716	0.654	0.614	0.574	0.561	0.547	0.471	0.591	13.37
41)	P	Hexachlorocycl...	0.248	0.281	0.317	0.310	0.305	0.302	0.276	0.291	8.33
42)	S	2,4,6-Tribromo...	0.257	0.234	0.219	0.206	0.205	0.200	0.179	0.214	11.80
43)	C	2,4,6-Trichlor...	0.488	0.456	0.460	0.438	0.429	0.427	0.391	0.441	6.92
44)		2,4,5-Trichlor...	0.498	0.474	0.461	0.438	0.432	0.432	0.388	0.446	7.93
45)	S	2-Fluorobiphenyl		1.422	1.218	1.145	1.079	1.034		1.180	12.90
46)		1,1'-Biphenyl	1.938	1.754	1.587	1.502	1.459	1.375		1.603	13.02
47)		2-Chloronaphth...	1.571	1.430	1.337	1.259	1.234	1.194	1.046	1.296	13.13
48)		2-Nitroaniline	0.416	0.396	0.400	0.373	0.373	0.375	0.349	0.383	5.87
49)		Acenaphthylene	2.392	2.193	1.986	1.876	1.811	1.699		1.993	12.95
50)		Dimethylphthalate	1.767	1.598	1.529	1.464	1.429	1.445	1.295	1.504	9.90
51)		2,6-Dinitrotol...	0.378	0.355	0.356	0.338	0.332	0.333	0.297	0.341	7.45
52)	C	Acenaphthene	1.397	1.293	1.170	1.109	1.061	1.043	0.908	1.140	14.37
53)		3-Nitroaniline	0.460	0.432	0.434	0.401	0.409	0.413	0.377	0.418	6.41
54)	P	2,4-Dinitrophenol	0.123	0.140	0.178	0.169	0.179	0.190	0.179	0.165	14.70
55)		Dibenzofuran	2.110	1.902	1.715	1.613	1.537	1.431		1.718	14.58
56)	P	4-Nitrophenol	0.288	0.291	0.304	0.288	0.283	0.293	0.270	0.288	3.62
57)		2,4-Dinitrotol...	0.496	0.472	0.455	0.433	0.426	0.410	0.348	0.434	11.07
58)		Fluorene	1.610	1.400	1.238	1.153	1.109	1.030		1.257	17.05
59)		2,3,4,6-Tetrac...	0.400	0.390	0.372	0.353	0.349	0.353	0.305	0.360	8.71
60)		Diethylphthalate	1.737	1.552	1.460	1.407	1.375	1.348	1.188	1.438	11.99
61)		4-Chlorophenyl...	0.788	0.692	0.606	0.577	0.546	0.512		0.620	16.56
62)		4-Nitroaniline	0.458	0.433	0.433	0.411	0.407	0.423	0.376	0.420	6.10
63)		Azobenzene	1.494	1.366	1.306	1.238	1.208	1.167	1.029	1.258	11.85
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.099	0.105	0.118	0.114	0.116	0.120	0.112	0.112	6.67
66)	c	n-Nitrosodiphe...	0.723	0.660	0.613	0.581	0.566	0.551	0.491	0.598	12.70
67)		4-Bromophenyl-...	0.255	0.233	0.218	0.210	0.207	0.202	0.178	0.215	11.38
68)		Hexachlorobenzene	0.278	0.256	0.243	0.232	0.227	0.221	0.198	0.236	10.97
69)		Atrazine	0.237	0.213	0.196	0.190	0.182	0.177	0.154	0.193	13.85
70)	C	Pentachlorophenol	0.118	0.127	0.136	0.131	0.132	0.133	0.121	0.128	5.16
71)		Phenanthrene	1.269	1.137	1.022	0.966	0.933	0.869		1.033	14.23
72)		Anthracene	1.291	1.154	1.019	0.964	0.943	0.879		1.042	14.73
73)		Carbazole	1.133	1.026	0.931	0.881	0.853	0.811	0.730	0.909	14.88
74)		Di-n-butylphth...	1.409	1.242	1.143	1.082	1.035	0.966		1.146	13.92
75)	C	Fluoranthene	1.312	1.160	1.045	0.972	0.945	0.902		1.056	14.66
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.958	0.891	0.842	0.744	0.754	0.666		0.809	13.27
78)		Pyrene	1.866	1.739	1.794	1.814	1.800	1.910	1.831	1.822	3.00
79)	S	Terphenyl-d14	1.186	1.049	1.026	1.035	1.031	1.063	1.053	1.063	5.24
80)		Butylbenzylpht...	0.810	0.770	0.857	0.854	0.856	0.929	0.880	0.851	5.93
81)		Benzo(a)anthra...	1.596	1.508	1.521	1.483	1.481	1.489	1.398	1.497	3.94
82)		3,3'-Dichlorob...	0.626	0.599	0.610	0.564	0.551	0.566	0.500	0.574	7.37
83)		Chrysene	1.597	1.488	1.498	1.473	1.451	1.543	1.367	1.488	4.86
84)		Bis(2-ethylhex...	1.045	0.968	1.002	1.035	1.028	1.030	0.933	1.006	4.11
85)	c	Di-n-octyl pht...	1.823	1.700	1.781	1.706	1.728	1.777	1.608	1.732	4.07
86)		Indeno(1,2,3-c...	1.302	1.190	1.262	1.187	1.273	1.446	1.491	1.307	9.08

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87)	I	Perylene-d12	----------ISTD----------							
88)		Benzo(b)fluora...	1.454	1.324	1.325	1.323	1.300	1.324	1.257	1.330	4.52
89)		Benzo(k)fluora...	1.382	1.298	1.223	1.190	1.114	1.095	0.867	1.167	14.21
90)	C	Benzo(a)pyrene	1.280	1.190	1.168	1.138	1.112	1.127	1.015	1.147	7.03
91)		Dibenzo(a,h)an...	1.037	0.933	0.989	0.987	0.979	1.028	0.963	0.988	3.62
92)		Benzo(g,h,i)pe...	0.993	0.889	0.997	1.004	1.019	1.099	1.053	1.008	6.41

(#) = Out of Range