Response Factor Report Instrumen

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF060419.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 =BF114788.D 20 =BF114789.D 40 =BF114790.D 50 =BF114791.D 60 =BF114792.D 80 =BF114793.D 100 =BF114794.D

		Compound	10	20	40	50	60	80	100	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.598	0.561	0.546	0.533	0.526	0.542	0.519	0.546	4.84
3)		Pyridine	1.518	1.553	1.506	1.435	1.480	1.525	1.496	1.502	2.49
4)		n-Nitrosodimet...	0.553	0.544	0.547	0.540	0.542	0.563	0.559	0.550	1.64
5)	S	2-Fluorophenol	1.380	1.251	1.144	1.104	1.066	1.073	0.994	1.145	11.43
6)		Aniline	2.321	2.170	2.018	1.904	1.848	1.837	1.735	1.976	10.48
7)	S	Phenol-d6	1.714	1.552	1.413	1.335	1.289	1.268	1.178	1.393	13.26
8)		2-Chlorophenol	1.537	1.435	1.365	1.283	1.249	1.241	1.147	1.322	9.99
9)		Benzaldehyde	1.173	1.079	0.986	0.937	0.911	0.854	0.822	0.966	12.89
10)	C	Phenol	1.948	1.778	1.598	1.515	1.460	1.460	1.389	1.593	12.64
11)		bis(2-Chloroet...	1.423	1.318	1.283	1.200	1.198	1.181	1.099	1.243	8.56
12)		1,3-Dichlorobe...	1.816	1.675	1.577	1.488	1.452	1.439	1.340	1.541	10.48
13)	C	1,4-Dichlorobe...	1.845	1.714	1.598	1.506	1.451	1.429	1.311	1.551	11.76
14)		1,2-Dichlorobe...	1.762	1.609	1.467	1.377	1.276	1.239	1.072	1.400	16.71
15)		Benzyl Alcohol	1.260	1.162	1.102	1.038	0.989	0.963	0.859	1.053	12.69
16)		2,2'-oxybis(1-...	2.000	1.904	1.852	1.729	1.716	1.682	1.560	1.778	8.39
17)		2-Methylphenol	1.240	1.175	1.159	1.095	1.086	1.105	1.052	1.130	5.69
18)		Hexachloroethane	0.660	0.609	0.601	0.568	0.563	0.560	0.525	0.584	7.48
19)	P	n-Nitroso-di-n...	1.018	0.964	0.948	0.882	0.885	0.896	0.861	0.922	6.10
20)		3+4-Methylphenols	1.582	1.442	1.265	1.178	1.116	1.110	1.034	1.247	15.92
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.535	0.480	0.443	0.422	0.406	0.405	0.390	0.440	11.67
23)	S	Nitrobenzene-d5	0.375	0.343	0.332	0.317	0.307	0.308	0.292	0.325	8.64
24)		Nitrobenzene	0.382	0.361	0.346	0.331	0.315	0.325	0.296	0.337	8.64
25)		Isophorone	0.703	0.654	0.652	0.612	0.618	0.623	0.635	0.642	4.85
26)	C	2-Nitrophenol	0.184	0.182	0.190	0.182	0.180	0.181	0.178	0.182	2.03
27)		2,4-Dimethylph...	0.312	0.288	0.285	0.271	0.264	0.264	0.254	0.277	7.10
28)		bis(2-Chloroet...	0.469	0.437	0.422	0.398	0.392	0.387	0.369	0.411	8.32
29)	C	2,4-Dichloroph...	0.326	0.308	0.302	0.287	0.279	0.278	0.261	0.292	7.43
30)		1,2,4-Trichlor...	0.386	0.361	0.346	0.327	0.317	0.311	0.293	0.334	9.61
31)		Naphthalene	1.169	1.048	0.917	0.861	0.815	0.784	0.709	0.900	17.74
32)		Benzoic acid	0.156	0.181	0.227	0.187	0.208	0.229	0.225	0.202	13.86
33)		4-Chloroaniline	0.505	0.474	0.440	0.417	0.404	0.402	0.365	0.430	11.09
34)	C	Hexachlorobuta...	0.222	0.206	0.199	0.186	0.180	0.175	0.163	0.190	10.59
35)		Caprolactam	0.102	0.097	0.094	0.090	0.091	0.093	0.098	0.095	4.32
36)	C	4-Chloro-3-met...	0.327	0.307	0.293	0.285	0.274	0.279	0.266	0.290	7.17
37)		2-Methylnaphth...	0.790	0.710	0.643	0.601	0.573	0.555	0.500	0.625	15.80
38)		1-Methylnaphth...	0.751	0.671	0.608	0.579	0.537	0.529	0.470	0.592	15.98

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.706	0.649	0.595	0.571	0.533	0.520	0.461	0.576	14.30
41)	P	Hexachlorocycl...	0.366	0.360	0.363	0.351	0.345	0.337	0.324	0.350	4.33
42)	S	2,4,6-Tribromo...	0.257	0.238	0.220	0.211	0.200	0.203	0.179	0.216	12.00
43)	C	2,4,6-Trichlor...	0.495	0.465	0.454	0.433	0.435	0.438	0.418	0.448	5.73
44)		2,4,5-Trichlor...	0.499	0.470	0.462	0.448	0.434	0.439	0.408	0.451	6.41
45)	S	2-Fluorobiphenyl		1.400	1.150	1.097	0.975	0.965	0.819	1.068	18.68
46)		1,1'-Biphenyl	1.965	1.747	1.517	1.431	1.334	1.282	1.100	1.482	19.78
47)		2-Chloronaphth...	1.576	1.412	1.303	1.231	1.163	1.137	0.995	1.260	15.23
48)		2-Nitroaniline	0.412	0.390	0.377	0.370	0.366	0.370	0.347	0.376	5.45
49)		Acenaphthylene	2.420	2.139	1.852	1.777	1.637	1.577	1.383	1.827	19.33
50)		Dimethylphthalate	1.792	1.622	1.473	1.399	1.338	1.348	1.252	1.461	12.84
51)		2,6-Dinitrotol...	0.380	0.352	0.351	0.335	0.334	0.336	0.317	0.344	5.79
52)	C	Acenaphthene	1.488	1.341	1.214	1.157	1.103	1.090	0.982	1.197	14.23
53)		3-Nitroaniline	0.456	0.427	0.402	0.389	0.379	0.393	0.363	0.401	7.81
54)	P	2,4-Dinitrophenol	0.120	0.133	0.161	0.160	0.165	0.176	0.173	0.155	13.42
55)		Dibenzofuran	2.130	1.881	1.629	1.559	1.426	1.358		1.664	17.57
56)	P	4-Nitrophenol	0.314	0.299	0.296	0.294	0.284	0.295	0.276	0.294	4.03
57)		2,4-Dinitrotol...	0.487	0.462	0.451	0.434	0.421	0.421	0.348	0.432	10.16
58)		Fluorene	1.607	1.385	1.137	1.088	0.984	0.959		1.193	21.22
59)		2,3,4,6-Tetrac...	0.416	0.393	0.382	0.363	0.356	0.354	0.325	0.370	8.08
60)		Diethylphthalate	1.812	1.641	1.490	1.434	1.357	1.358	1.169	1.466	14.31
61)		4-Chlorophenyl...	0.810	0.710	0.594	0.560	0.512			0.637	19.00
62)		4-Nitroaniline	0.434	0.393	0.395	0.381	0.376	0.385	0.360	0.389	5.94
63)		Azobenzene	1.566	1.406	1.272	1.221	1.147	1.116	1.005	1.248	15.13
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.088	0.094	0.108	0.106	0.109	0.111	0.113	0.104	8.89
66)	c	n-Nitrosodiphe...	0.734	0.665	0.621	0.591	0.558	0.553	0.511	0.605	12.50
67)		4-Bromophenyl-...	0.266	0.244	0.236	0.225	0.216	0.209	0.194	0.227	10.56
68)		Hexachlorobenzene	0.294	0.267	0.256	0.243	0.236	0.229	0.216	0.249	10.47
69)		Atrazine	0.246	0.225	0.218	0.205	0.200	0.191	0.188	0.210	9.89
70)	C	Pentachlorophenol	0.144	0.145	0.150	0.145	0.143	0.143	0.136	0.144	2.79
71)		Phenanthrene	1.283	1.119	0.958	0.923	0.851	0.820	0.729	0.955	19.88
72)		Anthracene	1.299	1.132	0.985	0.943	0.846	0.824		1.005	18.08
73)		Carbazole	1.131	0.989	0.864	0.843	0.778	0.751	0.673	0.861	17.99
74)		Di-n-butylphth...	1.477	1.292	1.117	1.049	0.958	0.904		1.133	19.09
75)	C	Fluoranthene	1.292	1.127	0.944	0.934	0.841	0.824		0.994	18.28
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	1.013	1.031	1.012	1.011	0.992	0.942	0.929	0.990	3.95
78)		Pyrene	1.802	1.729	1.783	1.639	1.711	1.751	1.730	1.735	3.07
79)	S	Terphenyl-d14	1.168	1.093	1.047	0.960	0.981	0.988	0.961	1.028	7.67
80)		Butylbenzylpht...	0.804	0.805	0.891	0.857	0.900	0.925	0.953	0.876	6.54
81)		Benzo(a)anthra...	1.605	1.522	1.571	1.494	1.527	1.561	1.508	1.541	2.55
82)		3,3'-Dichlorob...	0.610	0.599	0.640	0.614	0.630	0.643	0.639	0.625	2.76
83)		Chrysene	1.573	1.480	1.495	1.440	1.477	1.524	1.506	1.499	2.79
84)		Bis(2-ethylhex...	1.137	1.099	1.163	1.077	1.095	1.121	1.063	1.108	3.14
85)	c	Di-n-octyl pht...	1.928	1.853	1.937	1.846	1.866	1.904	1.844	1.882	2.11
86)		Indeno(1,2,3-c...	1.587	1.546	1.647	1.715	1.726	1.946	1.808	1.711	7.98

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87)	I	Perylene-d12	----------ISTD----------							
88)		Benzo(b)fluora...	1.373	1.349	1.224	1.208	1.234	1.265	1.260	1.273	4.98
89)		Benzo(k)fluora...	1.376	1.163	1.176	1.013	0.921	0.839		1.081	18.07
90)	C	Benzo(a)pyrene	1.263	1.175	1.142	1.077	1.042	1.033	0.983	1.102	8.76
91)		Dibenzo(a,h)an...	1.204	1.124	1.071	1.027	0.980	1.005	0.895	1.044	9.65
92)		Benzo(g,h,i)pe...	1.137	1.085	1.060	1.054	1.001	1.056	0.953	1.049	5.61

(#) = Out of Range