Response Factor Report Instrumen

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF082819.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 =BF116605.D 20 =BF116606.D 40 =BF116607.D 50 =BF116608.D 60 =BF116609.D 80 =BF116610.D 100 =BF116611.D

		Compound	10	20	40	50	60	80	100	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.500	0.605	0.523	0.529	0.542	0.535	0.537	0.539	6.00
3)		Pyridine	0.874	1.534	1.456	1.541	1.573	1.603	1.565	1.450	17.80
4)		n-Nitrosodimet...	0.275	0.529	0.547	0.574	0.608	0.600	0.585	0.531	21.93
5)	S	2-Fluorophenol	1.014	1.241	1.244	1.077	1.190	1.200	1.140	1.158	7.46
6)		Aniline	2.595	2.123	2.157	1.826	2.110	2.028	1.965	2.115	11.34
7)	S	Phenol-d6	1.951	1.625	1.590	1.393	1.525	1.485	1.420	1.570	11.96
8)		2-Chlorophenol	1.418	1.390	1.358	1.179	1.308	1.268	1.215	1.305	6.86
9)		Benzaldehyde	1.389	1.065	0.985	0.853	0.825	0.751	0.663	0.933	25.97
10)	C	Phenol	1.988	1.689	1.791	1.562	1.715	1.688	1.621	1.722	7.98
11)		bis(2-Chloroet...	1.468	1.343	1.306	1.105	1.290	1.236	1.210	1.280	8.87
12)		1,3-Dichlorobe...	1.757	1.739	1.537	1.497	1.479	1.435	1.375	1.546	9.53
13)	C	1,4-Dichlorobe...	1.756	1.674	1.551	1.505	1.475	1.457	1.394	1.544	8.29
14)		1,2-Dichlorobe...	1.912	1.494	1.451	1.379	1.375	1.344	1.262	1.460	14.60
15)		Benzyl Alcohol	1.343	1.244	1.247	1.186	1.222	1.186	1.121	1.221	5.66
16)		2,2'-oxybis(1-...	2.143	1.714	1.742	1.623	1.699	1.648	1.582	1.736	10.82
17)		2-Methylphenol	1.440	1.162	1.143	1.095	1.158	1.103	1.077	1.168	10.64
18)		Hexachloroethane	0.644	0.581	0.567	0.545	0.566	0.556	0.533	0.570	6.34
19)	P	n-Nitroso-di-n...	1.144	1.070	1.001	0.939	0.975	0.951	0.910	0.998	8.22
20)		3+4-Methylphenols	1.679	1.590	1.442	1.346	1.351	1.304	1.224	1.419	11.45
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.525	0.491	0.480	0.458	0.455	0.448	0.431	0.470	6.71
23)	S	Nitrobenzene-d5	0.364	0.335	0.362	0.344	0.352	0.349	0.339	0.350	3.12
24)		Nitrobenzene	0.363	0.344	0.364	0.350	0.360	0.359	0.341	0.354	2.63
25)		Isophorone	0.706	0.586	0.646	0.629	0.635	0.634	0.618	0.636	5.70
26)	C	2-Nitrophenol	0.155	0.178	0.174	0.170	0.174	0.173	0.168	0.170	4.47
27)		2,4-Dimethylph...	0.296	0.284	0.263	0.260	0.257	0.252	0.255	0.267	6.28
28)		bis(2-Chloroet...	0.479	0.441	0.412	0.396	0.395	0.390	0.380	0.413	8.50
29)	C	2,4-Dichloroph...	0.318	0.293	0.276	0.272	0.267	0.267	0.257	0.279	7.39
30)		1,2,4-Trichlor...	0.371	0.343	0.320	0.307	0.307	0.303	0.290	0.320	8.69
31)		Naphthalene	1.132	1.054	0.970	0.916	0.903	0.888	0.843	0.958	10.65
32)		Benzoic acid	0.224	0.220	0.228	0.229	0.242	0.220	0.234	0.228	3.51
33)		4-Chloroaniline	0.496	0.454	0.431	0.406	0.398	0.394	0.376	0.422	9.79
34)	C	Hexachlorobuta...	0.207	0.190	0.182	0.169	0.171	0.169	0.161	0.178	8.96
35)		Caprolactam	0.097	0.080	0.087	0.067	0.085	0.085	0.081	0.083	11.02
36)	C	4-Chloro-3-met...	0.316	0.280	0.295	0.236	0.284	0.285	0.271	0.281	8.76
37)		2-Methylnaphth...	0.643	0.629	0.671	0.496	0.599	0.592	0.558	0.598	9.73
38)		1-Methylnaphth...	0.703	0.644	0.631	0.469	0.560	0.555	0.529	0.584	13.54

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.645	0.530	0.567	0.549	0.531	0.524	0.494	0.549	8.75
41)	P	Hexachlorocycl...	0.349	0.291	0.324	0.323	0.320	0.313	0.306	0.318	5.60
42)	S	2,4,6-Tribromo...	0.208	0.216	0.197	0.188	0.179	0.176	0.168	0.190	9.15
43)	C	2,4,6-Trichlor...	0.428	0.367	0.399	0.381	0.384	0.377	0.362	0.385	5.83
44)		2,4,5-Trichlor...	0.434	0.353	0.402	0.395	0.380	0.381	0.368	0.388	6.72
45)	S	2-Fluorobiphenyl	1.528	1.190	1.236	1.210	1.124	1.104	1.020	1.202	13.45
46)		1,1'-Biphenyl	1.751	1.469	1.586	1.549	1.470	1.455	1.349	1.518	8.37
47)		2-Chloronaphth...	1.304	1.128	1.244	1.207	1.161	1.151	1.089	1.184	6.20
48)		2-Nitroaniline	0.340	0.392	0.384	0.385	0.383	0.373	0.363	0.374	4.77
49)		Acenaphthylene	1.753	1.972	1.804	1.761	1.662	1.651	1.566	1.738	7.52
50)		Dimethylphthalate	1.373	1.495	1.384	1.343	1.302	1.281	1.234	1.345	6.32
51)		2,6-Dinitrotol...	0.290	0.319	0.308	0.297	0.293	0.288	0.280	0.296	4.49
52)	C	Acenaphthene	1.377	1.272	1.197	1.148	1.111	1.100	1.034	1.177	9.87
53)		3-Nitroaniline	0.386	0.370	0.362	0.348	0.344	0.339	0.328	0.354	5.62
54)	P	2,4-Dinitrophenol	0.130	0.136	0.148	0.146	0.155	0.157	0.156	0.147	7.01
55)		Dibenzofuran	1.780	1.765	1.621	1.573	1.505	1.473	1.380	1.585	9.38
56)	P	4-Nitrophenol	0.288	0.279	0.273	0.266	0.268	0.258	0.251	0.269	4.57
57)		2,4-Dinitrotol...	0.404	0.410	0.402	0.390	0.386	0.382	0.364	0.391	4.04
58)		Fluorene	1.381	1.367	1.226	1.193	1.122	1.104	1.028	1.203	11.05
59)		2,3,4,6-Tetrac...	0.310	0.355	0.333	0.320	0.314	0.306	0.295	0.319	6.15
60)		Diethylphthalate	1.479	1.440	1.329	1.299	1.247	1.220	1.174	1.312	8.61
61)		4-Chlorophenyl...	0.680	0.689	0.626	0.599	0.564	0.548	0.516	0.603	10.91
62)		4-Nitroaniline	0.351	0.361	0.352	0.347	0.344	0.337	0.319	0.344	3.97
63)		Azobenzene	1.532	1.482	1.334	1.284	1.248	1.228	1.166	1.325	10.21
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.085	0.102	0.112	0.107	0.117	0.113	0.112	0.107	10.20
66)	c	n-Nitrosodiphe...	0.686	0.693	0.640	0.619	0.610	0.596	0.587	0.633	6.65
67)		4-Bromophenyl-...	0.218	0.232	0.217	0.205	0.210	0.203	0.200	0.212	5.18
68)		Hexachlorobenzene	0.246	0.255	0.245	0.228	0.229	0.227	0.222	0.236	5.27
69)		Atrazine	0.223	0.201	0.189	0.182	0.178	0.173	0.166	0.187	10.36
70)	C	Pentachlorophenol	0.152	0.153	0.150	0.140	0.145	0.139	0.136	0.145	4.73
71)		Phenanthrene	1.300	1.194	1.077	1.032	1.003	0.976	0.939	1.074	12.03
72)		Anthracene	1.269	1.190	1.085	1.045	1.003	0.982	0.945	1.074	10.94
73)		Carbazole	0.939	1.044	0.959	0.912	0.880	0.852	0.813	0.914	8.33
74)		Di-n-butylphth...	0.866	1.241	1.120	1.114	1.056	1.023	0.996	1.059	11.05
75)	C	Fluoranthene	0.795	1.161	1.040	1.021	0.921	0.929	0.878	0.963	12.50
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.827	0.791	0.877	0.639	0.604	0.602		0.724	16.94
78)		Pyrene	1.898	1.923	1.944	1.721	1.833	1.829	1.726	1.839	4.89
79)	S	Terphenyl-d14	1.378	1.338	1.287	1.156	1.192	1.157	1.100	1.230	8.53
80)		Butylbenzylpht...	0.756	0.704	0.763	0.678	0.702	0.708	0.677	0.713	4.84
81)		Benzo(a)anthra...	1.529	1.443	1.356	1.276	1.260	1.255	1.215	1.333	8.65
82)		3,3'-Dichlorob...	0.498	0.466	0.463	0.431	0.381	0.413	0.385	0.434	10.12
83)		Chrysene	1.509	1.329	1.331	1.262	1.243	1.255	1.208	1.305	7.70
84)		Bis(2-ethylhex...	0.903	0.840	0.855	0.816	0.822	0.812	0.801	0.836	4.17
85)	c	Di-n-octyl pht...	1.287	0.931	1.293	1.207	1.313	1.240	1.262	1.219	10.82
86)		Indeno(1,2,3-c...	0.956	0.728	1.135	1.050	1.316	1.309	1.402	1.128	21.07

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87)	I	Perylene-d12	----------ISTD----------							
88)		Benzo(b)fluora...	1.413	1.293	1.222	1.253	1.190	1.131	1.095	1.228	8.63
89)		Benzo(k)fluora...	1.337	1.291	1.208	1.109	1.077	1.105	1.045	1.167	9.65
90)	C	Benzo(a)pyrene	1.235	1.136	1.103	1.065	1.061	1.061	1.012	1.096	6.59
91)		Dibenzo(a,h)an...	0.948	0.960	1.033	0.998	1.037	1.096	1.088	1.023	5.67
92)		Benzo(g,h,i)pe...	0.904	0.927	1.033	1.138	1.167	1.126	1.150	1.064	10.36

(#) = Out of Range