Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP082622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Aug 27 00:36:07 2022
Response Via : Initial Calibration

Calibration Files
5 =BP011573.D 10 =BP011574.D 20 =BP011575.D 40 =BP011576.D 50 =BP011577.D 60 =BP011578.D 80 =BP011579.D

		Compound	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.751	0.670	0.632	0.591	0.536	0.536	0.518	0.605	14.11
3)		Pyridine	1.805	1.753	1.745	1.611	1.515	1.536	1.540	1.643	7.37
4)		n-Nitrosodimet...	1.108	1.042	1.020	0.965	0.861	0.856	0.849	0.957	10.88
5)	S	2-Fluorophenol	1.291	1.272	1.270	1.207	1.163	1.179	1.155	1.220	4.69
6)		Aniline	1.826	1.990	2.042	1.960	1.865	1.874	1.907	1.923	4.00
7)	S	Phenol-d6	1.596	1.655	1.691	1.654	1.588	1.596	1.609	1.627	2.43
8)		2-Chlorophenol	1.391	1.455	1.442	1.368	1.348	1.365	1.360	1.390	3.04
9)		Benzaldehyde	1.212	1.198	1.134	0.990	0.870	0.834	0.761	1.000	18.44
10)	C	Phenol	1.689	1.743	1.785	1.740	1.636	1.661	1.674	1.704	3.12
11)		bis(2-Chloroet...	1.358	1.375	1.402	1.345	1.252	1.257	1.243	1.319	5.00
12)		1,3-Dichlorobe...	1.549	1.571	1.541	1.446	1.438	1.433	1.404	1.483	4.59
13)	C	1,4-Dichlorobe...	1.567	1.586	1.568	1.473	1.455	1.468	1.441	1.508	4.13
14)		1,2-Dichlorobe...	1.523	1.538	1.519	1.429	1.429	1.418	1.404	1.466	3.96
15)		Benzyl Alcohol	1.146	1.286	1.385	1.401	1.306	1.333	1.349	1.315	6.46
16)		2,2'-oxybis(1-...	2.106	2.172	2.184	2.041	1.824	1.815	1.768	1.987	9.05
17)		2-Methylphenol	1.102	1.188	1.269	1.228	1.169	1.169	1.189	1.188	4.40
18)		Hexachloroethane	0.625	0.655	0.658	0.632	0.612	0.617	0.597	0.628	3.56
19)	P	n-Nitroso-di-n...	1.140	1.239	1.328	1.270	1.170	1.186	1.198	1.219	5.31
20)		3+4-Methylphenols	1.477	1.689	1.778	1.721	1.638	1.670	1.680	1.665	5.65
21)	I	Naphthalene-d8	----------	ISTD	----------						
22)		Acetophenone	0.532	0.556	0.569	0.535	0.535	0.544	0.541	0.544	2.47
23)	S	Nitrobenzene-d5	0.417	0.439	0.446	0.424	0.419	0.427	0.422	0.428	2.50
24)		Nitrobenzene	0.407	0.448	0.458	0.428	0.419	0.426	0.422	0.430	4.03
25)		Isophorone	0.673	0.734	0.774	0.737	0.733	0.737	0.741	0.733	4.09
26)	C	2-Nitrophenol	0.144	0.151	0.168	0.173	0.181	0.187	0.190	0.171	10.21
27)		2,4-Dimethylph...	0.246	0.268	0.273	0.262	0.268	0.273	0.272	0.266	3.61
28)		bis(2-Chloroet...	0.383	0.419	0.420	0.397	0.393	0.396	0.392	0.400	3.49
29)	C	2,4-Dichloroph...	0.267	0.282	0.301	0.291	0.310	0.313	0.315	0.297	6.03
30)		1,2,4-Trichlor...	0.315	0.320	0.313	0.294	0.317	0.323	0.320	0.314	3.11
31)		Naphthalene	1.094	1.143	1.136	1.065	1.084	1.105	1.100	1.104	2.50
32)		Benzoic acid		0.174	0.213	0.242	0.266	0.269	0.282	0.241	17.02
33)		4-Chloroaniline	0.413	0.444	0.475	0.455	0.470	0.474	0.480	0.459	5.22
34)	C	Hexachlorobuta...	0.194	0.199	0.196	0.186	0.207	0.213	0.207	0.200	4.73
35)		Caprolactam	0.093	0.107	0.121	0.118	0.121	0.121	0.124	0.115	9.62
36)	C	4-Chloro-3-met...	0.337	0.381	0.412	0.393	0.398	0.401	0.409	0.390	6.62
37)		2-Methylnaphth...	0.714	0.772	0.779	0.748	0.778	0.783	0.794	0.767	3.55
38)		1-Methylnaphth...	0.713	0.759	0.779	0.731	0.764	0.775	0.778	0.757	3.39

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39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.498	0.497	0.500	0.483	0.520	0.542	0.545	0.512	4.64
41)	P	Hexachlorocycl...		0.179	0.212	0.238	0.267	0.282	0.280	0.243	17.03
42)	S	2,4,6-Tribromo...	0.205	0.214	0.231	0.228	0.297	0.306	0.312	0.256	18.28
43)	C	2,4,6-Trichlor...	0.328	0.339	0.367	0.361	0.382	0.394	0.397	0.367	7.21
44)		2,4,5-Trichlor...	0.370	0.390	0.415	0.409	0.433	0.447	0.449	0.416	7.09
45)	S	2-Fluorobiphenyl	1.327	1.328	1.329	1.281	1.318	1.362	1.363	1.330	2.09
46)		1,1'-Biphenyl	1.492	1.515	1.528	1.457	1.461	1.515	1.508	1.497	1.84
47)		2-Chloronaphth...	1.137	1.146	1.157	1.108	1.117	1.163	1.168	1.142	2.01
48)		2-Nitroaniline	0.363	0.408	0.462	0.476	0.451	0.464	0.469	0.442	9.34
49)		Acenaphthylene	1.813	1.911	1.967	1.895	1.903	1.960	1.961	1.916	2.85
50)		Dimethylphthalate	1.612	1.667	1.693	1.593	1.619	1.653	1.645	1.640	2.11
51)		2,6-Dinitrotol...	0.291	0.313	0.345	0.335	0.340	0.350	0.352	0.332	6.73
52)	C	Acenaphthene	1.141	1.170	1.198	1.141	1.137	1.177	1.182	1.164	2.06
53)		3-Nitroaniline	0.289	0.334	0.390	0.390	0.392	0.401	0.407	0.372	11.72
54)	P	2,4-Dinitrophenol	0.134	0.148	0.185	0.199	0.214	0.226	0.230	0.191	19.69
55)		Dibenzofuran	1.786	1.843	1.872	1.771	1.808	1.853	1.865	1.828	2.19
56)	P	4-Nitrophenol	0.215	0.271	0.313	0.322	0.323	0.336	0.337	0.303	14.68
57)		2,4-Dinitrotol...	0.392	0.442	0.495	0.484	0.497	0.514	0.518	0.477	9.47
58)		Fluorene	1.471	1.558	1.604	1.516	1.547	1.595	1.625	1.559	3.45
59)		2,3,4,6-Tetrac...	0.349	0.363	0.378	0.367	0.404	0.411	0.415	0.384	6.78
60)		Diethylphthalate	1.775	1.866	1.933	1.816	1.807	1.860	1.845	1.843	2.76
61)		4-Chlorophenyl...	0.654	0.696	0.712	0.662	0.716	0.730	0.743	0.702	4.77
62)		4-Nitroaniline	0.248	0.326	0.387	0.399	0.403	0.418	0.422	0.372	17.01
63)		Azobenzene	1.675	1.912	1.999	1.888	1.774	1.801	1.785	1.834	5.82
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.089	0.105	0.120	0.122	0.131	0.137	0.139	0.121	15.05
66)	c	n-Nitrosodiphe...	0.592	0.625	0.628	0.599	0.599	0.616	0.621	0.611	2.34
67)		4-Bromophenyl-...	0.191	0.190	0.196	0.185	0.210	0.216	0.219	0.201	6.81
68)		Hexachlorobenzene	0.213	0.219	0.223	0.212	0.251	0.258	0.259	0.234	9.15
69)		Atrazine	0.200	0.214	0.223	0.209	0.211	0.216	0.213	0.212	3.25
70)	C	Pentachlorophenol	0.114	0.128	0.143	0.141	0.163	0.170	0.170	0.147	14.71
71)		Phenanthrene	1.139	1.199	1.190	1.123	1.137	1.160	1.168	1.159	2.44
72)		Anthracene	1.047	1.135	1.152	1.100	1.117	1.144	1.152	1.121	3.36
73)		Carbazole	1.028	1.100	1.120	1.053	1.057	1.085	1.091	1.076	2.94
74)		Di-n-butylphth...	1.384	1.486	1.577	1.518	1.480	1.535	1.527	1.501	4.08
75)	C	Fluoranthene	1.293	1.373	1.402	1.308	1.365	1.395	1.412	1.364	3.39
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.433	0.403	0.436	0.508	0.419	0.428	0.412	0.434	7.97
78)		Pyrene	1.261	1.291	1.341	1.311	1.294	1.336	1.321	1.308	2.16
79)	S	Terphenyl-d14	0.954	0.974	1.013	1.016	1.050	1.095	1.109	1.030	5.62
80)		Butylbenzylpht...	0.599	0.646	0.709	0.721	0.666	0.692	0.681	0.673	6.11
81)		Benzo(a)anthra...	1.323	1.377	1.383	1.330	1.322	1.375	1.367	1.354	2.02
82)		3,3'-Dichlorob...	0.387	0.441	0.465	0.454	0.465	0.485	0.495	0.456	7.73
83)		Chrysene	1.282	1.334	1.345	1.267	1.262	1.322	1.307	1.303	2.54
84)		Bis(2-ethylhex...	0.873	0.979	1.082	1.099	1.008	1.058	1.036	1.019	7.51
85)	c	Di-n-octyl pht...	1.503	1.709	1.850	1.815	1.670	1.723	1.725	1.714	6.55

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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.388	1.475	1.478	1.369	1.349	1.384	1.438	1.412	3.67
88)		Benzo(b)fluora...	1.163	1.219	1.279	1.239	1.291	1.290	1.308	1.256	4.11
89)		Benzo(k)fluora...	1.224	1.274	1.301	1.319	1.315	1.358	1.367	1.308	3.74
90)	C	Benzo(a)pyrene	0.972	1.049	1.063	1.054	1.058	1.086	1.097	1.054	3.81
91)		Dibenzo(a,h)an...	1.144	1.248	1.237	1.171	1.155	1.192	1.230	1.197	3.51
92)		Benzo(g,h,i)pe...	1.123	1.214	1.176	0.991	0.974	0.989	1.065	1.076	9.01

(#) = Out of Range