Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 02 18:50:01 2015
Response Via : Initial Calibration

Calibration Files
2.5 =BG019833.D 10 =BG019834.D 25 =BG019835.D 40 =BG019836.D 50 =BG019837.D 60 =BG019838.D 80 =BG019839.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.388	0.443	0.435	0.428	0.464	0.420	0.438	0.431	5.43
3)		Pyridine	1.137	1.247	1.305	1.317	1.417	1.337	1.405	1.309	7.33
4)		n-Nitrosodimet...	0.552	0.685	0.683	0.728	0.747	0.688	0.737	0.689	9.57
5)	S	2-Fluorophenol	1.066	1.045	1.109	1.103	1.200	1.084	1.140	1.107	4.64
6)		Aniline	1.928	2.038	2.174	2.206	2.355	2.164	2.279	2.164	6.63
7)	S	Phenol-d6	1.493	1.591	1.680	1.675	1.814	1.679	1.764	1.671	6.34
8)		2-Chlorophenol	1.209	1.349	1.353	1.361	1.439	1.347	1.388	1.349	5.20
9)		Benzaldehyde	1.133	1.053	1.134	1.107	1.186	1.073	1.112	1.114	3.91
10)	C	Phenol	1.657	1.611	1.779	1.791	1.873	1.745	1.853	1.758	5.48
11)		bis(2-Chloroet...	1.243	1.291	1.293	1.296	1.378	1.273	1.342	1.302	3.42
12)		1,3-Dichlorobe...	1.408	1.531	1.538	1.520	1.659	1.511	1.539	1.529	4.77
13)	C	1,4-Dichlorobe...	1.516	1.589	1.565	1.558	1.679	1.556	1.594	1.580	3.21
14)		1,2-Dichlorobe...	1.475	1.465	1.529	1.501	1.574	1.475	1.529	1.507	2.60
15)		Benzyl Alcohol	1.438	1.344	1.446	1.447	1.575	1.468	1.544	1.466	5.16
16)		2,2'-oxybis(1-...	1.942	1.977	2.155	2.111	2.299	2.137	2.246	2.124	6.12
17)		2-Methylphenol	1.117	1.186	1.251	1.265	1.306	1.269	1.296	1.241	5.43
18)		Hexachloroethane	0.512	0.591	0.603	0.602	0.638	0.591	0.605	0.591	6.52
19)	P	n-Nitroso-di-n...	1.171	1.253	1.340	1.313	1.409	1.341	1.397	1.318	6.32
20)		3+4-Methylphenols	1.536	1.616	1.753	1.813	1.899	1.792	1.827	1.748	7.30
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.542	0.528	0.554	0.557	0.568	0.535	0.553	0.548	2.51
23)	S	Nitrobenzene-d5	0.366	0.364	0.389	0.400	0.413	0.398	0.414	0.392	5.27
24)		Nitrobenzene	0.358	0.410	0.429	0.439	0.453	0.437	0.450	0.425	7.69
25)		Isophorone	0.801	0.818	0.836	0.848	0.869	0.839	0.871	0.840	3.03
26)	C	2-Nitrophenol	0.131	0.153	0.165	0.169	0.178	0.170	0.183	0.164	10.56
27)		2,4-Dimethylph...	0.331	0.354	0.344	0.343	0.345	0.330	0.346	0.342	2.48
28)		bis(2-Chloroet...	0.389	0.407	0.419	0.413	0.417	0.407	0.422	0.411	2.69
29)	C	2,4-Dichloroph...	0.352	0.339	0.349	0.358	0.352	0.346	0.349	0.349	1.72
30)		1,2,4-Trichlor...	0.400	0.392	0.402	0.402	0.397	0.378	0.392	0.395	2.22
31)		Naphthalene	1.041	1.075	1.083	1.087	1.099	1.038	1.077	1.071	2.17
32)		Benzoic acid		0.151	0.186	0.212	0.243	0.228	0.248	0.211	17.54
33)		4-Chloroaniline	0.472	0.469	0.466	0.475	0.481	0.463	0.479	0.472	1.39
34)	C	Hexachlorobuta...	0.315	0.294	0.297	0.294	0.293	0.270	0.276	0.291	5.03
35)		Caprolactam	0.124	0.127	0.129	0.128	0.137	0.130	0.134	0.130	3.33
36)	C	4-Chloro-3-met...	0.443	0.415	0.436	0.434	0.442	0.430	0.444	0.435	2.32
37)		2-Methylnaphth...	0.770	0.774	0.787	0.789	0.813	0.773	0.791	0.785	1.91

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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.781	0.781	0.761	0.751	0.771	0.735	0.734	0.759	2.62
40)	P	Hexachlorocycl...	0.350	0.402	0.442	0.444	0.476	0.457	0.459	0.433	9.98
41)	S	2,4,6-Tribromo...	0.292	0.314	0.307	0.304	0.321	0.303	0.300	0.306	3.12
42)	C	2,4,6-Trichlor...	0.520	0.491	0.505	0.491	0.517	0.498	0.495	0.502	2.41
43)		2,4,5-Trichlor...	0.543	0.532	0.537	0.515	0.552	0.523	0.515	0.531	2.63
44)	S	2-Fluorobiphenyl	1.524	1.474	1.464	1.439	1.510	1.427	1.416	1.465	2.80
45)		1,1'-Biphenyl	1.646	1.669	1.635	1.639	1.681	1.609	1.611	1.641	1.65
46)		2-Chloronaphth...	1.272	1.273	1.260	1.256	1.300	1.248	1.248	1.265	1.45
47)		2-Nitroaniline	0.336	0.352	0.389	0.405	0.441	0.430	0.444	0.400	10.69
48)		Acenaphthylene	2.178	2.166	2.143	2.129	2.220	2.129	2.120	2.155	1.64
49)		Dimethylphthalate	1.901	1.762	1.792	1.756	1.866	1.774	1.743	1.799	3.36
50)		2,6-Dinitrotol...	0.260	0.304	0.342	0.351	0.380	0.366	0.365	0.338	12.47
51)	C	Acenaphthene	1.234	1.281	1.300	1.302	1.373	1.332	1.333	1.308	3.38
52)		3-Nitroaniline	0.298	0.318	0.352	0.357	0.391	0.370	0.373	0.351	9.35
53)	P	2,4-Dinitrophenol		0.078	0.120	0.139	0.164	0.169	0.186	0.143	27.69
54)		Dibenzofuran	1.994	1.974	1.958	1.913	1.992	1.903	1.882	1.945	2.33
55)	P	4-Nitrophenol		0.251	0.305	0.312	0.333	0.318	0.318	0.306	9.35
56)		2,4-Dinitrotol...	0.370	0.403	0.471	0.495	0.528	0.507	0.529	0.472	13.18
57)		Fluorene	1.772	1.758	1.752	1.704	1.803	1.713	1.686	1.741	2.40
58)		2,3,4,6-Tetrac...	0.485	0.478	0.495	0.500	0.507	0.489	0.486	0.491	1.99
59)		Diethylphthalate	2.086	2.008	1.946	1.877	1.971	1.889	1.853	1.947	4.23
60)		4-Chlorophenyl...	1.044	1.008	1.004	0.986	1.026	0.978	0.951	1.000	3.12
61)		4-Nitroaniline	0.336	0.368	0.405	0.404	0.431	0.409	0.413	0.395	8.12
62)		Azobenzene	1.650	1.571	1.601	1.594	1.676	1.629	1.620	1.620	2.21
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.073	0.094	0.104	0.114	0.112	0.122	0.103	16.99
65)	c	n-Nitrosodiphe...	0.583	0.580	0.585	0.574	0.595	0.561	0.572	0.579	1.87
66)		4-Bromophenyl-...	0.258	0.248	0.247	0.249	0.257	0.239	0.241	0.249	2.86
67)		Hexachlorobenzene	0.278	0.257	0.255	0.257	0.263	0.251	0.251	0.259	3.65
68)		Atrazine	0.238	0.260	0.262	0.254	0.261	0.241	0.244	0.251	4.07
69)	C	Pentachlorophenol		0.133	0.147	0.152	0.164	0.152	0.159	0.151	7.22
70)		Phenanthrene	1.160	1.162	1.147	1.125	1.163	1.078	1.086	1.132	3.21
71)		Anthracene	1.175	1.184	1.165	1.150	1.186	1.101	1.107	1.153	3.06
72)		Carbazole	0.986	1.061	1.034	1.015	1.054	0.980	0.979	1.015	3.46
73)		Di-n-butylphth...	1.222	1.254	1.272	1.246	1.300	1.209	1.209	1.245	2.74
74)	C	Fluoranthene	1.476	1.514	1.487	1.454	1.488	1.358	1.355	1.447	4.45
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine	0.535	0.641	0.676	0.680	0.705	0.679	0.684	0.657	8.71
77)		Pyrene	1.186	1.189	1.199	1.203	1.185	1.131	1.144	1.177	2.36
78)	S	Terphenyl-d14	0.843	0.845	0.834	0.842	0.825	0.782	0.769	0.820	3.84
79)		Butylbenzylpht...	0.436	0.434	0.461	0.471	0.478	0.470	0.479	0.461	4.10
80)		Benzo(a)anthra...	1.257	1.251	1.239	1.224	1.242	1.186	1.171	1.224	2.72
81)		3,3'-Dichlorob...	0.466	0.457	0.473	0.475	0.479	0.456	0.458	0.466	2.04
82)		Chrysene	1.163	1.193	1.191	1.169	1.169	1.127	1.124	1.162	2.37

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83)		Bis(2-ethylhex...	0.652	0.659	0.683	0.677	0.696	0.678	0.692	0.677	2.41
84)	c	Di-n-octyl pht...	1.041	1.047	1.093	1.127	1.150	1.116	1.129	1.100	3.82
85)		Indeno(1,2,3-c...	1.272	1.253	1.281	1.289	1.303	1.273	1.293	1.280	1.28
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.307	1.275	1.266	1.255	1.300	1.231	1.238	1.268	2.28
88)		Benzo(k)fluora...	1.314	1.253	1.264	1.233	1.278	1.220	1.224	1.255	2.68
89)	C	Benzo(a)pyrene	1.240	1.200	1.203	1.191	1.225	1.178	1.187	1.203	1.82
90)		Dibenzo(a,h)an...	1.246	1.195	1.191	1.164	1.208	1.155	1.163	1.189	2.66
91)		Benzo(g,h,i)pe...	1.189	1.155	1.177	1.157	1.197	1.147	1.150	1.167	1.72

(#) = Out of Range