Response Factor Report GC/MS Ins

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
Method File : 8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Nov 13 16:39:28 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BG037973.D 10 =BG037974.D 25 =BG037975.D 40 =BG037976.D 50 =BG037977.D 60 =BG037978.D 80 =BG037979.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.675	0.549	0.531	0.523	0.526	0.514	0.513	0.547	10.53
3)		Pyridine	1.496	1.531	1.607	1.588	1.552	1.582	1.568	1.561	2.41
4)		n-Nitrosodimet...	0.551	0.520	0.574	0.577	0.565	0.583	0.593	0.566	4.30
5)	S	2-Fluorophenol	1.157	1.155	1.181	1.163	1.149	1.149	1.154	1.158	0.97
6)		Aniline	2.017	2.124	2.196	2.166	2.162	2.157	2.117	2.134	2.73
7)	S	Phenol-d6	1.573	1.644	1.685	1.688	1.691	1.677	1.617	1.654	2.72
8)		2-Chlorophenol	1.239	1.388	1.391	1.362	1.364	1.340	1.325	1.344	3.88
9)		Benzaldehyde	1.231	1.256	1.241	1.207	1.181	1.166	1.087	1.196	4.82
10)	C	Phenol	1.632	1.761	1.791	1.801	1.773	1.770	1.732	1.751	3.25
11)		bis(2-Chloroet...	1.436	1.412	1.437	1.438	1.454	1.446	1.386	1.430	1.62
12)		1,3-Dichlorobe...	1.575	1.565	1.580	1.539	1.532	1.538	1.511	1.548	1.64
13)	C	1,4-Dichlorobe...	1.565	1.583	1.581	1.579	1.551	1.548	1.542	1.564	1.10
14)		1,2-Dichlorobe...	1.517	1.563	1.521	1.482	1.465	1.460	1.446	1.493	2.79
15)		Benzyl Alcohol	0.909	1.110	1.221	1.259	1.282	1.303	1.291	1.196	11.93
16)		2,2'-oxybis(1-...	2.648	2.716	2.632	2.667	2.662	2.672	2.589	2.655	1.47
17)		2-Methylphenol	1.086	1.171	1.225	1.215	1.210	1.202	1.180	1.184	3.98
18)		Hexachloroethane	0.547	0.600	0.567	0.569	0.568	0.569	0.566	0.569	2.74
19)	P	n-Nitroso-di-n...	1.160	1.183	1.206	1.215	1.209	1.213	1.188	1.196	1.70
20)		3+4-Methylphenols	1.548	1.660	1.722	1.709	1.708	1.719	1.684	1.679	3.67
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.480	0.524	0.507	0.504	0.499	0.491	0.479	0.498	3.21
23)	S	Nitrobenzene-d5	0.373	0.372	0.378	0.379	0.373	0.375	0.365	0.374	1.26
24)		Nitrobenzene	0.382	0.382	0.390	0.380	0.385	0.385	0.371	0.382	1.51
25)		Isophorone	0.653	0.679	0.672	0.679	0.682	0.683	0.659	0.672	1.77
26)	C	2-Nitrophenol	0.170	0.179	0.193	0.199	0.199	0.201	0.195	0.191	6.23
27)		2,4-Dimethylph...	0.253	0.284	0.301	0.295	0.299	0.295	0.285	0.287	5.73
28)		bis(2-Chloroet...	0.408	0.438	0.435	0.437	0.435	0.438	0.419	0.430	2.70
29)	C	2,4-Dichloroph...	0.293	0.321	0.329	0.334	0.330	0.334	0.323	0.323	4.45
30)		1,2,4-Trichlor...	0.354	0.373	0.367	0.364	0.366	0.360	0.353	0.362	1.96
31)		Naphthalene	1.010	1.030	0.998	0.985	0.968	0.968	0.927	0.984	3.43
32)		Benzoic acid		0.023	0.106	0.160	0.182	0.197	0.217	0.148	48.77
33)		4-Chloroaniline	0.447	0.474	0.467	0.462	0.460	0.455	0.439	0.458	2.56
34)	C	Hexachlorobuta...	0.217	0.220	0.226	0.225	0.225	0.227	0.221	0.223	1.63
35)		Caprolactam	0.100	0.133	0.135	0.134	0.139	0.133	0.132	0.129	10.07
36)	C	4-Chloro-3-met...	0.320	0.357	0.357	0.365	0.364	0.364	0.346	0.353	4.56
37)		2-Methylnaphth...	0.744	0.720	0.703	0.705	0.704	0.701	0.667	0.707	3.28

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38)		1-Methylnaphth...	0.684	0.709	0.692	0.677	0.677	0.674	0.648	0.680	2.75
39)	I	Acenaphthene-d10	----------	ISTD	----------						
40)		1,2,4,5-Tetrac...	0.657	0.666	0.672	0.672	0.670	0.674	0.667	0.668	0.85
41)	P	Hexachlorocycl...		0.300	0.347	0.373	0.368	0.377	0.382	0.358	8.56
42)	S	2,4,6-Tribromo...	0.218	0.227	0.229	0.233	0.228	0.232	0.229	0.228	2.11
43)	C	2,4,6-Trichlor...	0.421	0.456	0.454	0.465	0.465	0.464	0.464	0.455	3.50
44)		2,4,5-Trichlor...	0.455	0.470	0.489	0.487	0.475	0.495	0.484	0.479	2.87
45)	S	2-Fluorobiphenyl	1.497	1.445	1.412	1.364	1.324	1.307	1.260	1.373	6.06
46)		1,1'-Biphenyl	1.736	1.731	1.716	1.682	1.641	1.644	1.611	1.680	2.93
47)		2-Chloronaphth...	1.320	1.316	1.293	1.280	1.257	1.267	1.241	1.282	2.30
48)		2-Nitroaniline	0.362	0.391	0.412	0.418	0.411	0.418	0.412	0.404	5.08
49)		Acenaphthylene	1.986	1.979	1.974	1.937	1.900	1.899	1.822	1.928	3.07
50)		Dimethylphthalate	1.649	1.641	1.621	1.586	1.554	1.550	1.498	1.586	3.47
51)		2,6-Dinitrotol...	0.322	0.360	0.371	0.367	0.364	0.367	0.361	0.359	4.61
52)	C	Acenaphthene	1.155	1.182	1.179	1.175	1.151	1.152	1.131	1.161	1.60
53)		3-Nitroaniline	0.362	0.393	0.412	0.401	0.403	0.403	0.397	0.396	4.01
54)	P	2,4-Dinitrophenol		0.061	0.129	0.165	0.172	0.182	0.199	0.151	33.14
55)		Dibenzofuran	2.055	2.026	1.958	1.902	1.858	1.852	1.785	1.919	5.11
56)	P	4-Nitrophenol		0.281	0.305	0.315	0.313	0.307	0.311	0.305	4.10
57)		2,4-Dinitrotol...	0.428	0.486	0.502	0.507	0.497	0.505	0.491	0.488	5.63
58)		Fluorene	1.517	1.527	1.443	1.421	1.393	1.384	1.339	1.432	4.85
59)		2,3,4,6-Tetrac...	0.330	0.404	0.417	0.420	0.409	0.416	0.411	0.401	7.91
60)		Diethylphthalate		1.945	1.744	1.668	1.622	1.597	1.529	1.684	8.69
61)		4-Chlorophenyl...	0.870	0.874	0.846	0.840	0.813	0.816	0.807	0.838	3.25
62)		4-Nitroaniline	0.340	0.391	0.415	0.408	0.404	0.403	0.393	0.393	6.30
63)		Azobenzene	1.520	1.573	1.549	1.504	1.476	1.482	1.436	1.506	3.08
64)	I	Phenanthrene-d10	----------	ISTD	----------						
65)		4,6-Dinitro-2-...		0.090	0.125	0.132	0.135	0.138	0.138	0.127	14.48
66)	c	n-Nitrosodiphe...	0.591	0.624	0.616	0.613	0.605	0.606	0.579	0.605	2.55
67)		4-Bromophenyl-...	0.208	0.215	0.224	0.224	0.221	0.224	0.220	0.220	2.82
68)		Hexachlorobenzene	0.222	0.227	0.229	0.228	0.230	0.229	0.221	0.227	1.60
69)		Atrazine	0.200	0.228	0.232	0.230	0.228	0.228	0.215	0.223	5.21
70)	C	Pentachlorophenol		0.112	0.147	0.164	0.164	0.168	0.168	0.154	14.34
71)		Phenanthrene	1.085	1.075	1.053	1.021	1.006	0.991	0.936	1.024	5.09
72)		Anthracene	1.034	1.064	1.046	1.010	0.996	0.984	0.932	1.009	4.39
73)		Carbazole	0.982	1.077	1.053	1.034	1.016	0.990	0.937	1.013	4.68
74)		Di-n-butylphth...	1.121	1.183	1.203	1.162	1.139	1.107	1.043	1.137	4.70
75)	C	Fluoranthene	1.226	1.232	1.214	1.175	1.155	1.117	1.059	1.168	5.45
76)	I	Chrysene-d12	----------	ISTD	----------						
77)		Benzidine	0.580	0.665	0.718	0.783	0.745	0.711	0.712	0.702	9.21
78)		Pyrene	1.354	1.358	1.374	1.330	1.279	1.263	1.195	1.308	4.94
79)	S	Terphenyl-d14		0.961	0.913	0.862	0.827	0.799	0.738	0.850	9.44
80)		Butylbenzylpht...	0.544	0.560	0.591	0.594	0.580	0.576	0.559	0.572	3.22
81)		Benzo(a)anthra...	1.280	1.218	1.245	1.218	1.194	1.179	1.128	1.209	4.02
82)		3,3'-Dichlorob...	0.406	0.459	0.492	0.499	0.489	0.481	0.469	0.471	6.69

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83)		Chrysene	1.236	1.174	1.179	1.168	1.133	1.122	1.083	1.156	4.25
84)		Bis(2-ethylhex...	0.825	0.807	0.838	0.833	0.819	0.807	0.781	0.816	2.39
85)	c	Di-n-octyl pht...	1.176	1.307	1.384	1.387	1.352	1.339	1.289	1.319	5.51
86)		Indeno(1,2,3-c...	1.199	1.224	1.306	1.327	1.312	1.320	1.304	1.284	3.98
87)	I	Perylene-d12	----------ISTD----------								
88)		Benzo(b)fluora...	1.084	1.106	1.112	1.129	1.099	1.092	1.082	1.101	1.52
89)		Benzo(k)fluora...	1.146	1.088	1.101	1.091	1.056	1.086	1.034	1.086	3.26
90)	C	Benzo(a)pyrene	1.008	1.046	1.078	1.079	1.047	1.066	1.039	1.052	2.39
91)		Dibenzo(a,h)an...	0.955	1.021	1.025	1.034	1.011	1.028	1.011	1.012	2.64
92)		Benzo(g,h,i)pe...	0.965	0.986	1.020	1.033	1.003	1.026	1.013	1.006	2.39

(#) = Out of Range