Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 22 16:43:02 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BM009313.D 10 =BM009314.D 25 =BM009315.D 40 =BM009316.D 50 =BM009317.D 60 =BM009318.D 80 =BM009319.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.685	0.601	0.593	0.580	0.588	0.577	0.600	0.603	6.16
3)		Pyridine	1.623	1.650	1.659	1.767	1.729	1.757	1.750	1.705	3.47
4)		n-Nitrosodimet...	0.897	0.948	0.901	0.916	0.899	0.891	0.901	0.908	2.11
5)	S	2-Fluorophenol	1.179	1.188	1.180	1.213	1.195	1.210	1.235	1.200	1.72
6)		Aniline	2.167	2.143	2.149	2.312	2.262	2.253	2.279	2.224	3.10
7)	S	Phenol-d6	1.493	1.603	1.597	1.716	1.645	1.690	1.710	1.636	4.87
8)		2-Chlorophenol	1.143	1.138	1.207	1.289	1.246	1.260	1.233	1.217	4.75
9)		Benzaldehyde	1.383	1.368	1.263	1.314	1.273	1.242	1.172	1.288	5.71
10)	C	Phenol	1.670	1.776	1.701	1.834	1.814	1.818	1.799	1.773	3.55
11)		bis(2-Chloroet...	1.433	1.437	1.421	1.497	1.436	1.460	1.488	1.453	2.03
12)		1,3-Dichlorobe...	1.397	1.416	1.407	1.497	1.486	1.496	1.497	1.457	3.24
13)	C	1,4-Dichlorobe...	1.485	1.477	1.485	1.539	1.510	1.505	1.535	1.505	1.66
14)		1,2-Dichlorobe...	1.430	1.450	1.441	1.523	1.456	1.457	1.472	1.461	2.07
15)		Benzyl Alcohol	1.328	1.384	1.415	1.461	1.464	1.493	1.467	1.430	4.05
16)		2,2'-oxybis(1-...	2.558	2.599	2.445	2.570	2.502	2.533	2.474	2.526	2.18
17)		2-Methylphenol	1.050	1.123	1.136	1.224	1.188	1.204	1.196	1.160	5.21
18)		Hexachloroethane	0.565	0.596	0.604	0.645	0.631	0.634	0.634	0.616	4.63
19)	P	n-Nitroso-di-n...	1.219	1.297	1.289	1.360	1.339	1.386	1.344	1.319	4.23
20)		3+4-Methylphenols	1.419	1.557	1.533	1.647	1.608	1.646	1.630	1.577	5.23
21)	I	Naphthalene-d8	----------	ISTD	----------						
22)		Acetophenone	0.514	0.557	0.557	0.586	0.577	0.583	0.575	0.564	4.43
23)	S	Nitrobenzene-d5	0.476	0.525	0.528	0.550	0.548	0.556	0.551	0.533	5.30
24)		Nitrobenzene	0.483	0.523	0.514	0.538	0.527	0.541	0.534	0.523	3.81
25)		Isophorone	0.707	0.769	0.803	0.851	0.843	0.870	0.853	0.814	7.16
26)	C	2-Nitrophenol	0.117	0.141	0.152	0.168	0.167	0.180	0.178	0.158	14.34
27)		2,4-Dimethylph...	0.263	0.283	0.282	0.296	0.290	0.303	0.302	0.288	4.85
28)		bis(2-Chloroet...	0.484	0.498	0.488	0.512	0.508	0.522	0.515	0.504	2.84
29)	C	2,4-Dichloroph...	0.241	0.288	0.291	0.316	0.320	0.331	0.324	0.301	10.33
30)		1,2,4-Trichlor...	0.353	0.369	0.362	0.386	0.375	0.386	0.388	0.374	3.61
31)		Naphthalene	1.041	1.031	1.038	1.090	1.063	1.086	1.082	1.062	2.36
32)		Benzoic acid		0.154	0.181	0.200	0.207	0.218	0.216	0.196	12.49
33)		4-Chloroaniline	0.346	0.415	0.395	0.426	0.420	0.431	0.433	0.409	7.48
34)	C	Hexachlorobuta...	0.236	0.252	0.255	0.259	0.260	0.266	0.263	0.256	3.86
35)		Caprolactam		0.076	0.083	0.095	0.097	0.102	0.099	0.092	10.98
36)	C	4-Chloro-3-met...	0.284	0.317	0.330	0.361	0.359	0.375	0.360	0.341	9.45
37)		2-Methylnaphth...	0.682	0.704	0.713	0.753	0.747	0.776	0.754	0.733	4.56

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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.698	0.754	0.725	0.785	0.765	0.783	0.775	0.755	4.31
40)	P	Hexachlorocycl...	0.326	0.402	0.416	0.462	0.464	0.484	0.480	0.433	13.10
41)	S	2,4,6-Tribromo...	0.191	0.229	0.239	0.264	0.264	0.281	0.271	0.248	12.53
42)	C	2,4,6-Trichlor...	0.331	0.408	0.420	0.466	0.455	0.478	0.464	0.432	11.90
43)		2,4,5-Trichlor...	0.386	0.466	0.467	0.513	0.500	0.527	0.513	0.482	10.05
44)	S	2-Fluorobiphenyl	1.559	1.625	1.574	1.726	1.686	1.729	1.719	1.660	4.41
45)		1,1'-Biphenyl	1.526	1.635	1.615	1.734	1.694	1.735	1.712	1.665	4.61
46)		2-Chloronaphth...	1.212	1.303	1.224	1.332	1.309	1.365	1.306	1.293	4.31
47)		2-Nitroaniline	0.355	0.429	0.468	0.508	0.509	0.541	0.524	0.476	13.67
48)		Acenaphthylene	1.791	2.051	2.035	2.212	2.171	2.265	2.216	2.106	7.76
49)		Dimethylphthalate	1.381	1.500	1.486	1.570	1.574	1.647	1.592	1.536	5.69
50)		2,6-Dinitrotol...	0.257	0.305	0.320	0.355	0.352	0.365	0.361	0.331	11.90
51)	C	Acenaphthene	1.216	1.235	1.212	1.312	1.280	1.333	1.305	1.271	3.89
52)		3-Nitroaniline	0.254	0.301	0.308	0.353	0.348	0.363	0.355	0.326	12.25
53)	P	2,4-Dinitrophenol		0.137	0.177	0.195	0.218	0.223	0.222	0.195	17.35
54)		Dibenzofuran	1.848	1.815	1.805	1.916	1.891	1.971	1.908	1.879	3.18
55)	P	4-Nitrophenol		0.212	0.249	0.283	0.283	0.300	0.292	0.269	12.36
56)		2,4-Dinitrotol...	0.345	0.410	0.436	0.463	0.477	0.512	0.491	0.448	12.63
57)		Fluorene	1.565	1.640	1.608	1.736	1.712	1.798	1.761	1.689	5.08
58)		2,3,4,6-Tetrac...	0.329	0.382	0.394	0.424	0.439	0.451	0.434	0.407	10.41
59)		Diethylphthalate	1.425	1.473	1.494	1.599	1.605	1.678	1.631	1.558	6.02
60)		4-Chlorophenyl...	0.845	0.882	0.832	0.899	0.887	0.931	0.897	0.882	3.83
61)		4-Nitroaniline		0.297	0.328	0.360	0.361	0.400	0.379	0.354	10.36
62)		Azobenzene	1.487	1.775	1.781	1.896	1.908	1.973	1.910	1.819	8.96
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.098	0.118	0.128	0.135	0.136	0.141	0.126	12.58
65)	c	n-Nitrosodiphe...	0.488	0.606	0.614	0.640	0.617	0.641	0.646	0.608	9.03
66)		4-Bromophenyl-...	0.196	0.233	0.234	0.236	0.241	0.240	0.243	0.232	6.95
67)		Hexachlorobenzene	0.239	0.246	0.257	0.256	0.258	0.257	0.265	0.254	3.41
68)		Atrazine	0.185	0.217	0.234	0.235	0.239	0.243	0.247	0.228	9.48
69)	C	Pentachlorophenol		0.129	0.148	0.156	0.161	0.166	0.171	0.155	9.90
70)		Phenanthrene	1.055	1.125	1.147	1.157	1.158	1.178	1.185	1.144	3.83
71)		Anthracene	0.978	1.123	1.168	1.190	1.193	1.222	1.232	1.158	7.54
72)		Carbazole	0.948	1.057	1.132	1.119	1.151	1.171	1.184	1.109	7.41
73)		Di-n-butylphth...	0.851	1.023	1.135	1.172	1.235	1.249	1.263	1.133	13.19
74)	C	Fluoranthene	1.189	1.279	1.366	1.340	1.414	1.441	1.453	1.355	7.01
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine		0.527	0.571	0.627	0.624	0.619	0.610	0.596	6.66
77)		Pyrene	0.973	1.125	1.124	1.192	1.144	1.193	1.190	1.134	6.85
78)	S	Terphenyl-d14	0.823	0.950	0.951	1.010	0.980	0.995	0.990	0.957	6.61
79)		Butylbenzylpht...	0.308	0.367	0.391	0.436	0.442	0.458	0.457	0.408	13.68
80)		Benzo(a)anthra...	1.103	1.161	1.158	1.181	1.161	1.209	1.204	1.168	3.05
81)		3,3'-Dichlorob...	0.347	0.423	0.446	0.450	0.460	0.473	0.462	0.437	9.80
82)		Chrysene	1.090	1.095	1.091	1.134	1.120	1.150	1.128	1.115	2.14

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83)		Bis(2-ethylhex...	0.467	0.556	0.586	0.647	0.653	0.677	0.681	0.610	12.84
84)	c	Di-n-octyl pht...	0.738	0.920	0.987	1.070	1.109	1.134	1.143	1.014	14.45
85)		Indeno(1,2,3-c...	1.151	1.171	1.216	1.212	1.243	1.263	1.259	1.216	3.54
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.139	1.231	1.265	1.311	1.283	1.305	1.341	1.268	5.27
88)		Benzo(k)fluora...	1.127	1.191	1.156	1.255	1.242	1.301	1.263	1.219	5.17
89)	C	Benzo(a)pyrene	1.054	1.114	1.151	1.210	1.206	1.245	1.238	1.174	6.01
90)		Dibenzo(a,h)an...	1.045	1.123	1.120	1.181	1.174	1.205	1.203	1.150	5.02
91)		Benzo(g,h,i)pe...	1.010	1.083	1.094	1.154	1.150	1.175	1.183	1.121	5.57

(#) = Out of Range