Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM101718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Oct 17 14:23:17 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM017160.D 10 =BM017161.D 25 =BM017162.D 40 =BM017163.D 50 =BM017164.D 60 =BM017165.D 80 =BM017166.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.698	0.630	0.603	0.591	0.572	0.566	0.566	0.604	7.88
3)		Pyridine	1.454	1.420	1.431	1.460	1.312	1.312	1.336	1.389	4.78
4)		n-Nitrosodimet...	0.606	0.575	0.552	0.552	0.533	0.539	0.547	0.558	4.49
5)	S	2-Fluorophenol	1.080	1.169	1.187	1.216	1.190	1.205	1.230	1.182	4.18
6)		Aniline	1.800	1.911	2.032	2.094	2.040	2.104	2.119	2.014	5.84
7)	S	Phenol-d6	1.414	1.548	1.639	1.681	1.634	1.668	1.690	1.610	6.14
8)		2-Chlorophenol	1.221	1.300	1.395	1.420	1.387	1.420	1.433	1.368	5.73
9)		Benzaldehyde		1.182	1.137	1.016	0.943	0.856		1.027	13.11
10)	C	Phenol	1.584	1.697	1.764	1.798	1.740	1.767	1.784	1.733	4.24
11)		bis(2-Chloroet...	1.350	1.341	1.382	1.411	1.379	1.396	1.413	1.382	2.02
12)		1,3-Dichlorobe...	1.659	1.574	1.589	1.602	1.555	1.573	1.610	1.595	2.14
13)	C	1,4-Dichlorobe...	1.701	1.629	1.621	1.631	1.583	1.606	1.634	1.629	2.22
14)		1,2-Dichlorobe...	1.612	1.553	1.570	1.590	1.532	1.562	1.571	1.570	1.64
15)		Benzyl Alcohol	0.887	1.046	1.196	1.258	1.250	1.287	1.316	1.177	13.20
16)		2,2'-oxybis(1-...	2.022	1.979	1.975	1.950	1.854	1.870	1.863	1.930	3.48
17)		2-Methylphenol	0.940	1.056	1.137	1.163	1.135	1.172	1.185	1.113	7.81
18)		Hexachloroethane	0.529	0.547	0.560	0.569	0.552	0.565	0.582	0.558	3.06
19)	P	n-Nitroso-di-n...	0.795	0.973	1.081	1.141	1.128	1.148	1.158	1.060	12.59
20)		3+4-Methylphenols	1.216	1.418	1.550	1.608	1.593	1.610	1.656	1.522	10.15
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.488	0.500	0.513	0.516	0.511	0.511	0.509	0.507	1.91
23)	S	Nitrobenzene-d5	0.248	0.311	0.354	0.369	0.365	0.373	0.373	0.342	13.65
24)		Nitrobenzene	0.282	0.340	0.378	0.387	0.379	0.383	0.382	0.362	10.68
25)		Isophorone	0.433	0.523	0.578	0.602	0.597	0.609	0.612	0.565	11.66
26)	C	2-Nitrophenol		0.112	0.141	0.161	0.166	0.175	0.181	0.156	16.40
27)		2,4-Dimethylph...	0.204	0.235	0.255	0.262	0.261	0.264	0.268	0.250	9.21
28)		bis(2-Chloroet...	0.347	0.394	0.408	0.414	0.405	0.407	0.408	0.397	5.81
29)	C	2,4-Dichloroph...	0.225	0.266	0.297	0.306	0.307	0.313	0.316	0.290	11.37
30)		1,2,4-Trichlor...	0.343	0.350	0.349	0.349	0.346	0.349	0.348	0.348	0.69
31)		Naphthalene	1.003	0.968	0.973	0.984	0.973	0.982	0.979	0.980	1.18
32)		Benzoic acid		0.149	0.171	0.183	0.195	0.200	0.220	0.186	13.13
33)		4-Chloroaniline	0.344	0.401	0.428	0.444	0.442	0.450	0.454	0.423	9.28
34)	C	Hexachlorobuta...	0.235	0.223	0.216	0.218	0.217	0.216	0.217	0.220	3.24
35)		Caprolactam		0.080	0.099	0.109	0.112	0.115	0.119	0.106	13.59
36)	C	4-Chloro-3-met...	0.243	0.311	0.336	0.345	0.346	0.352	0.355	0.327	12.20
37)		2-Methylnaphth...	0.579	0.658	0.685	0.695	0.684	0.696	0.698	0.671	6.38

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38)		1-Methylnaphth...	0.564	0.641	0.667	0.677	0.670	0.673	0.678	0.653	6.32
39)	I	Acenaphthene-d10	----------	ISTD	----------						
40)		1,2,4,5-Tetrac...	0.726	0.696	0.706	0.706	0.696	0.697	0.702	0.704	1.51
41)	P	Hexachlorocycl...	0.270	0.293	0.337	0.358	0.360	0.377	0.388	0.340	12.88
42)	S	2,4,6-Tribromo...		0.241	0.267	0.273	0.274	0.281	0.287	0.270	5.93
43)	C	2,4,6-Trichlor...	0.293	0.368	0.427	0.442	0.436	0.445	0.452	0.409	14.26
44)		2,4,5-Trichlor...	0.333	0.411	0.449	0.467	0.462	0.471	0.477	0.438	11.70
45)	S	2-Fluorobiphenyl	1.503	1.521	1.536	1.513	1.482	1.485	1.481	1.503	1.43
46)		1,1'-Biphenyl	1.802	1.799	1.819	1.806	1.777	1.799	1.797	1.800	0.70
47)		2-Chloronaphth...	1.276	1.306	1.351	1.352	1.314	1.340	1.330	1.324	2.07
48)		2-Nitroaniline		0.223	0.316	0.364	0.367	0.386	0.397	0.342	18.86
49)		Acenaphthylene	1.543	1.871	1.996	2.015	2.000	2.001	2.008	1.919	9.03
50)		Dimethylphthalate	1.320	1.529	1.594	1.599	1.568	1.587	1.603	1.543	6.58
51)		2,6-Dinitrotol...		0.264	0.340	0.351	0.354	0.360	0.367	0.340	11.19
52)	C	Acenaphthene	1.145	1.195	1.224	1.227	1.204	1.214	1.226	1.205	2.41
53)		3-Nitroaniline		0.274	0.360	0.381	0.388	0.396	0.408	0.368	13.24
54)	P	2,4-Dinitrophenol		0.092	0.141	0.168	0.179	0.189	0.205	0.162	24.96
55)		Dibenzofuran	2.033	2.016	2.031	2.011	1.973	1.980	1.983	2.004	1.25
56)	P	4-Nitrophenol		0.209	0.288	0.314	0.315	0.328	0.338	0.299	15.78
57)		2,4-Dinitrotol...		0.334	0.442	0.479	0.481	0.496	0.508	0.456	14.05
58)		Fluorene	1.375	1.486	1.535	1.508	1.488	1.490	1.502	1.483	3.41
59)		2,3,4,6-Tetrac...	0.284	0.380	0.418	0.426	0.423	0.431	0.435	0.400	13.59
60)		Diethylphthalate	1.166	1.468	1.585	1.616	1.610	1.613	1.653	1.530	11.17
61)		4-Chlorophenyl...	0.816	0.862	0.857	0.865	0.837	0.839	0.844	0.846	2.05
62)		4-Nitroaniline		0.266	0.367	0.400	0.403	0.420	0.432	0.381	15.93
63)		Azobenzene	1.095	1.452	1.592	1.585	1.546	1.567	1.574	1.487	12.07
64)	I	Phenanthrene-d10	----------	ISTD	----------						
65)		4,6-Dinitro-2-...		0.074	0.103	0.120	0.126	0.132	0.140	0.116	20.68
66)	c	n-Nitrosodiphe...	0.501	0.595	0.615	0.630	0.624	0.636	0.634	0.605	7.92
67)		4-Bromophenyl-...	0.172	0.211	0.224	0.230	0.232	0.233	0.235	0.220	10.22
68)		Hexachlorobenzene	0.257	0.250	0.253	0.257	0.253	0.258	0.257	0.255	1.14
69)		Atrazine		0.183	0.213	0.225	0.226	0.227	0.225	0.217	7.91
70)	C	Pentachlorophenol		0.140	0.167	0.182	0.182	0.188	0.189	0.175	10.75
71)		Phenanthrene	1.094	1.082	1.076	1.088	1.067	1.077	1.069	1.079	0.91
72)		Anthracene	0.870	0.986	1.047	1.072	1.054	1.080	1.068	1.025	7.35
73)		Carbazole	0.860	1.031	1.074	1.083	1.081	1.104	1.098	1.047	8.19
74)		Di-n-butylphth...		0.859	1.056	1.147	1.164	1.196	1.206	1.105	11.90
75)	C	Fluoranthene	1.023	1.204	1.242	1.265	1.252	1.263	1.251	1.214	7.15
76)	I	Chrysene-d12	----------	ISTD	----------						
77)		Benzidine		0.414	0.495	0.557	0.527	0.510	0.541	0.507	10.00
78)		Pyrene	0.922	1.082	1.151	1.185	1.146	1.169	1.170	1.118	8.27
79)	S	Terphenyl-d14	0.826	0.904	0.916	0.921	0.886	0.887	0.872	0.887	3.64
80)		Butylbenzylpht...		0.260	0.335	0.393	0.409	0.443	0.466	0.384	19.68
81)		Benzo(a)anthra...	1.064	1.129	1.139	1.154	1.129	1.130	1.133	1.125	2.55
82)		3,3'-Dichlorob...		0.357	0.418	0.436	0.433	0.435	0.437	0.419	7.45

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83)		Chrysene	1.116	1.126	1.130	1.126	1.096	1.110	1.094	1.114	1.32
84)		Bis(2-ethylhex...		0.425	0.558	0.628	0.637	0.670	0.690	0.601	16.21
85)	c	Di-n-octyl pht...		0.737	0.928	1.056	1.081	1.129	1.178	1.018	15.85
86)		Indeno(1,2,3-c...	1.248	1.253	1.230	1.253	1.233	1.245	1.260	1.246	0.87
87)	I	Perylene-d12	----------ISTD----------								
88)		Benzo(b)fluora...	1.025	1.092	1.111	1.112	1.082	1.128	1.106	1.093	3.07
89)		Benzo(k)fluora...	1.046	1.056	1.128	1.125	1.124	1.099	1.102	1.097	3.07
90)	C	Benzo(a)pyrene	0.970	1.009	1.047	1.064	1.051	1.066	1.061	1.038	3.45
91)		Dibenzo(a,h)an...	0.999	1.022	1.036	1.043	1.033	1.043	1.040	1.031	1.53
92)		Benzo(g,h,i)pe...	1.009	1.006	1.018	1.027	1.017	1.038	1.036	1.022	1.24

(#) = Out of Range