Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
Method File : 8270-BM081718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Aug 17 16:27:00 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM016434.D 10 =BM016435.D 25 =BM016436.D 40 =BM016437.D 50 =BM016438.D 60 =BM016439.D 80 =BM016440.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.611	0.618	0.585	0.548	0.617	0.644	0.548	0.596	6.16
3)		Pyridine		1.057	1.167	1.160	1.267	1.368	1.181	1.200	8.83
4)		n-Nitrosodimet...		1.359	1.345	1.317	1.435	1.523	1.315	1.382	5.90
5)	S	2-Fluorophenol		1.106	1.124	1.174	1.201	1.390	1.145	1.190	8.73
6)		Aniline	1.349	1.687	1.673	1.660	1.743	1.769	1.705	1.655	8.47
7)	S	Phenol-d6		1.462	1.457	1.539	1.707	1.739	1.695	1.600	8.06
8)		2-Chlorophenol		1.414	1.373	1.439	1.502	1.536	1.538	1.467	4.67
9)		Benzaldehyde	0.889	1.271	1.148	1.083	1.087	1.038	0.846	1.052	13.93
10)	C	Phenol		1.444	1.418	1.515	1.633	1.661	1.626	1.549	6.77
11)		bis(2-Chloroet...		1.149	1.140	1.159	1.173	1.250	1.188	1.176	3.39
12)		1,3-Dichlorobe...	1.530	1.763	1.603	1.668	1.691	1.770	1.746	1.682	5.32
13)	C	1,4-Dichlorobe...	1.451	1.822	1.605	1.731	1.704	1.825	1.761	1.700	7.83
14)		1,2-Dichlorobe...	1.255	1.755	1.607	1.717	1.708	1.811	1.837	1.670	11.84
15)		Benzyl Alcohol		1.470	1.294	1.409	1.456	1.551	1.532	1.452	6.42
16)		2,2'-oxybis(1-...		1.470	1.422	1.455	1.471	1.549	1.519	1.481	3.09
17)		2-Methylphenol		1.088	1.057	1.105	1.121	1.171	1.177	1.120	4.22
18)		Hexachloroethane	0.674	0.889	0.871	0.888	0.914	0.982	0.909	0.875	10.92
19)	P	n-Nitroso-di-n...	0.880	1.173	1.185	1.245	1.297	1.352	1.368	1.214	13.64
20)		3+4-Methylphenols		1.385	1.432	1.555	1.575	1.625	1.660	1.539	7.03
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.410	0.575	0.493	0.571	0.558	0.556	0.592	0.536	11.89
23)	S	Nitrobenzene-d5	0.370	0.509	0.456	0.514	0.493	0.510	0.510	0.480	10.97
24)		Nitrobenzene	0.379	0.504	0.445	0.494	0.471	0.475	0.473	0.463	8.96
25)		Isophorone	0.544	0.662	0.620	0.677	0.650	0.659	0.672	0.641	7.27
26)	C	2-Nitrophenol		0.169	0.177	0.211	0.198	0.204	0.209	0.195	8.96
27)		2,4-Dimethylph...	0.196	0.283	0.256	0.282	0.261	0.265	0.280	0.260	11.70
28)		bis(2-Chloroet...	0.289	0.377	0.358	0.387	0.378	0.396	0.408	0.371	10.60
29)	C	2,4-Dichloroph...		0.344	0.319	0.356	0.354	0.360	0.379	0.352	5.62
30)		1,2,4-Trichlor...	0.369	0.428	0.394	0.423	0.409	0.432	0.457	0.416	6.85
31)		Naphthalene	0.926	1.033	0.941	1.019	1.031	1.058	1.093	1.014	5.95
32)		Benzoic acid		0.178	0.197	0.229	0.219	0.212	0.234	0.211	9.84
33)		4-Chloroaniline		0.410	0.403	0.435	0.436	0.451	0.472	0.435	5.87
34)	C	Hexachlorobuta...	0.289	0.377	0.338	0.362	0.371	0.381	0.392	0.359	9.78
35)		Caprolactam		0.078	0.089	0.091	0.094	0.089	0.100	0.090	8.23
36)	C	4-Chloro-3-met...		0.386	0.401	0.393	0.396	0.403	0.429	0.401	3.66
37)		2-Methylnaphth...	0.613	0.763	0.735	0.745	0.770	0.789	0.854	0.752	9.71

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.707	0.793	0.761	0.798	0.841	0.886	0.945	0.819	9.70
40)	P	Hexachlorocycl...		0.097	0.188	0.247	0.300	0.338	0.354	0.254	38.67
41)	S	2,4,6-Tribromo...		0.261	0.264	0.296	0.314	0.325	0.353	0.302	11.87
42)	C	2,4,6-Trichlor...		0.475	0.466	0.491	0.518	0.545	0.575	0.512	8.31
43)		2,4,5-Trichlor...		0.432	0.476	0.490	0.510	0.524	0.564	0.499	8.99
44)	S	2-Fluorobiphenyl	1.627	1.696	1.695	1.871	2.029	2.168	2.378	1.923	14.58
45)		1,1'-Biphenyl	1.649	1.795	1.701	1.819	1.898	1.997	2.100	1.851	8.62
46)		2-Chloronaphth...	1.279	1.372	1.341	1.427	1.498	1.554	1.638	1.444	8.75
47)		2-Nitroaniline		0.449	0.462	0.498	0.521	0.529	0.545	0.501	7.61
48)		Acenaphthylene	1.825	2.062	1.990	2.138	2.290	2.359	2.537	2.172	11.10
49)		Dimethylphthalate	1.740	1.991	1.871	1.909	2.028	2.038	2.152	1.961	6.82
50)		2,6-Dinitrotol...	0.272	0.380	0.368	0.372	0.394	0.395	0.425	0.372	12.93
51)	C	Acenaphthene	1.196	1.290	1.221	1.293	1.364	1.385	1.425	1.310	6.51
52)		3-Nitroaniline		0.335	0.352	0.367	0.371	0.379	0.397	0.367	5.93
53)	P	2,4-Dinitrophenol		0.092	0.147	0.174	0.177	0.184	0.201	0.162	23.96
54)		Dibenzofuran	1.873	2.171	2.128	2.334	2.477	2.551	2.629	2.309	11.62
55)	P	4-Nitrophenol		0.208	0.228	0.238	0.252	0.245	0.266	0.240	8.39
56)		2,4-Dinitrotol...		0.538	0.555	0.608	0.654	0.652	0.726	0.622	11.29
57)		Fluorene	1.452	1.694	1.626	1.774	1.895	1.912	1.997	1.764	10.73
58)		2,3,4,6-Tetrac...	0.367	0.486	0.442	0.476	0.506	0.501	0.496	0.468	10.51
59)		Diethylphthalate	1.985	2.307	2.152	2.220	2.321	2.263	2.331	2.226	5.55
60)		4-Chlorophenyl...	0.892	1.061	1.041	1.128	1.212	1.227	1.250	1.116	11.47
61)		4-Nitroaniline		0.324	0.343	0.358	0.367	0.354	0.382	0.355	5.67
62)		Azobenzene	2.261	2.752	2.540	2.575	2.650	2.626	2.562	2.567	5.93
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.114	0.123	0.145	0.149	0.147	0.159	0.139	12.51
65)	c	n-Nitrosodiphe...	0.545	0.649	0.614	0.697	0.728	0.747	0.760	0.677	11.60
66)		4-Bromophenyl-...	0.216	0.257	0.246	0.279	0.287	0.296	0.302	0.269	11.49
67)		Hexachlorobenzene	0.199	0.251	0.243	0.274	0.285	0.291	0.304	0.264	13.52
68)		Atrazine	0.219	0.278	0.249	0.262	0.257	0.237	0.235	0.248	7.84
69)	C	Pentachlorophenol		0.135	0.134	0.155	0.159	0.155	0.168	0.151	9.08
70)		Phenanthrene	0.958	1.132	1.045	1.151	1.188	1.178	1.280	1.133	9.20
71)		Anthracene	0.885	1.128	1.030	1.152	1.189	1.186	1.304	1.125	11.89
72)		Carbazole	0.858	1.081	1.015	1.118	1.142	1.114	1.294	1.089	12.16
73)		Di-n-butylphth...	1.207	1.527	1.448	1.608	1.668	1.588	1.892	1.563	13.40
74)	C	Fluoranthene	1.055	1.396	1.242	1.357	1.389	1.479	1.663	1.369	13.81
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine		0.462	0.398	0.414	0.443	0.534	0.390	0.440	12.09
77)		Pyrene	1.091	1.274	1.226	1.350	1.411	1.614	1.272	1.320	12.42
78)	S	Terphenyl-d14		1.060	1.075	1.288	1.382	1.597	1.537	1.323	17.10
79)		Butylbenzylpht...	0.468	0.592	0.595	0.642	0.671	0.689	0.675	0.619	12.42
80)		Benzo(a)anthra...	1.152	1.323	1.220	1.289	1.311	1.346	1.417	1.294	6.67
81)		3,3'-Dichlorob...	0.376	0.481	0.458	0.471	0.478	0.470	0.491	0.461	8.40
82)		Chrysene	1.126	1.240	1.151	1.208	1.238	1.244	1.307	1.216	5.03

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83)		Bis(2-ethylhex...	0.705	0.829	0.821	0.888	0.936	0.940	1.059	0.882	12.72
84)	c	Di-n-octyl pht...	1.030	1.288	1.229	1.320	1.360	1.407	1.631	1.324	13.77
85)		Indeno(1,2,3-c...	1.007	1.024	0.901	0.975	0.992	1.111	0.953	0.995	6.54
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.083	1.299	1.247	1.302	1.472	1.372	1.498	1.325	10.66
88)		Benzo(k)fluora...	1.127	1.340	1.214	1.294	1.444	1.349	1.499	1.324	9.66
89)	C	Benzo(a)pyrene	1.044	1.210	1.141	1.186	1.224	1.257	1.332	1.199	7.55
90)		Dibenzo(a,h)an...	0.920	1.048	0.988	1.070	1.121	1.225	1.155	1.075	9.55
91)		Benzo(g,h,i)pe...	0.862	0.955	0.968	0.972	0.992	1.094	0.922	0.967	7.32

(#) = Out of Range