Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : 8270-BM082817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 28 17:45:40 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BM011358.D 10 =BM011359.D 25 =BM011360.D
40 =BM011361.D 50 =BM011362.D 60 =BM011363.D

		Compound	2.5	10	25	40	50	60	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
2)		1,4-Dioxane		0.643	0.592	0.546	0.563	0.610	0.593	5.90
3)		Pyridine	1.952	2.116	2.205	2.103	2.376	2.475	2.243	9.03
4)		n-Nitrosodimethyl	1.311	1.215	1.051	1.072	1.111	1.196	1.155	7.89
5)	S	2-Fluorophenol	1.203	1.214	1.126	1.176	1.197	1.305	1.207	4.50
6)		Aniline	2.183	2.863	2.955	2.961	3.180	3.467	2.990	13.93
7)	S	Phenol-d6	1.690	2.000	2.095	2.081	2.271	2.448	2.136	11.95
8)		2-Chlorophenol	1.002	1.199	1.268	1.298	1.351	1.470	1.276	11.52
9)		Benzaldehyde	2.127	2.008	1.799	1.605	1.639	1.647	1.746	14.39
10)	C	Phenol	1.953	2.197	2.408	2.506	2.604	2.767	2.441	11.59
11)		bis(2-Chloroethyl	1.684	1.833	1.819	1.674	1.792	1.880	1.785	4.33
12)		1,3-Dichlorobenze	1.272	1.522	1.471	1.490	1.578	1.676	1.502	8.18
13)	C	1,4-Dichlorobenze	1.396	1.488	1.478	1.545	1.567	1.689	1.542	6.37
14)		1,2-Dichlorobenze	1.381	1.417	1.449	1.509	1.614	1.715	1.521	7.78
15)		Benzyl Alcohol		2.508	2.280	2.456	2.586	2.807	2.571	7.87
16)		2,2'-oxybis(1-Chl	1.978	2.040	1.854	1.928	1.996	2.054	1.973	3.46
17)		2-Methylphenol	1.249	1.483	1.479	1.460	1.656	1.768	1.537	11.24
18)		Hexachloroethane	0.722	0.654	0.668	0.685	0.750	0.752	0.712	5.90
19)	P	n-Nitroso-di-n-pr	2.320	2.285	2.512	2.485	2.631	2.792	2.534	7.55
20)		3+4-Methylphenols		1.966	2.000	2.212	2.257	2.493	2.222	9.48
21)	I	Naphthalene-d8	----------ISTD----------							
22)		Acetophenone	0.583	0.660	0.664	0.672	0.681	0.665	0.661	5.68
23)	S	Nitrobenzene-d5	0.572	0.643	0.665	0.674	0.703	0.678	0.667	7.56
24)		Nitrobenzene	0.701	0.662	0.712	0.734	0.762	0.716	0.725	5.66
25)		Isophorone	1.257	1.126	1.185	1.181	1.206	1.162	1.198	4.19
26)	C	2-Nitrophenol		0.155	0.173	0.185	0.184	0.172	0.179	8.89
27)		2,4-Dimethylpheno	0.257	0.275	0.335	0.335	0.330	0.310	0.313	11.16
28)		bis(2-Chloroethox	0.483	0.558	0.609	0.588	0.607	0.599	0.582	8.31
29)	C	2,4-Dichloropheno		0.335	0.352	0.390	0.397	0.369	0.375	7.51
30)		1,2,4-Trichlorobe	0.371	0.435	0.437	0.452	0.469	0.439	0.441	8.06
31)		Naphthalene	1.061	1.061	1.043	1.035	1.071	1.021	1.061	3.51
32)		Benzoic acid		0.276	0.306	0.320	0.337	0.314	0.321	10.03
33)		4-Chloroaniline		0.353	0.442	0.454	0.479	0.474	0.456	13.04
34)	C	Hexachlorobutadie	0.387	0.361	0.364	0.357	0.367	0.350	0.367	3.82
35)		Caprolactam		0.123	0.151	0.161	0.157	0.144	0.151	10.78
36)	C	4-Chloro-3-methyl	0.576	0.577	0.582	0.563	0.611	0.579	0.591	4.80
37)		2-Methylnaphthale	0.840	0.804	0.817	0.836	0.859	0.847	0.845	4.18
38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrachlo	0.711	0.782	0.805	0.791	0.808	0.762	0.782	4.64
40)	P	Hexachlorocyclope		0.234	0.310	0.317	0.326	0.323	0.309	12.51
41)	S	2,4,6-Tribromophe	0.309	0.346	0.360	0.356	0.355	0.353	0.352	6.53
42)	C	2,4,6-Trichloroph	0.507	0.485	0.528	0.522	0.520	0.508	0.517	3.97
43)		2,4,5-Trichloroph	0.604	0.488	0.548	0.555	0.547	0.516	0.545	6.63
44)	S	2-Fluorobiphenyl	1.407	1.456	1.426	1.460	1.436	1.375	1.430	2.11
45)		1,1'-Biphenyl	1.418	1.568	1.574	1.582	1.577	1.503	1.545	4.09
46)		2-Chloronaphthale	1.244	1.215	1.203	1.247	1.275	1.187	1.231	2.50
47)		2-Nitroaniline	0.582	0.641	0.676	0.749	0.725	0.734	0.703	10.88
48)		Acenaphthylene	1.757	1.892	1.856	1.946	1.941	1.845	1.890	4.17
49)		Dimethylphthalate	1.648	1.803	1.792	1.810	1.778	1.699	1.769	4.01
50)		2,6-Dinitrotoluen	0.362	0.335	0.372	0.363	0.376	0.370	0.369	5.50
51)	C	Acenaphthene	1.120	1.151	1.214	1.250	1.250	1.153	1.202	4.98

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : 8270-BM082817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 28 17:45:40 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BM011358.D 10 =BM011359.D 25 =BM011360.D
40 =BM011361.D 50 =BM011362.D 60 =BM011363.D

		Compound	2.5	10	25	40	50	60	Avg	%RSD
52)		3-Nitroaniline		0.279	0.339	0.362	0.363	0.344	0.346	10.76
53)	P	2,4-Dinitrophenol		0.264	0.279	0.318	0.322	0.322	0.311	11.06
54)		Dibenzofuran	1.789	1.945	1.972	2.051	2.025	1.966	1.980	5.13
55)	P	4-Nitrophenol		0.188	0.247	0.274	0.291	0.261	0.260	15.33
56)		2,4-Dinitrotoluen	0.452	0.543	0.548	0.595	0.578	0.602	0.567	10.93
57)		Fluorene	1.826	1.814	1.820	1.890	1.872	1.802	1.851	2.66
58)		2,3,4,6-Tetrachlo	0.605	0.597	0.587	0.614	0.601	0.592	0.607	3.70
59)		Diethylphthalate	1.799	1.762	1.854	1.892	1.913	1.850	1.866	4.05
60)		4-Chlorophenyl-ph	1.060	1.107	1.096	1.102	1.134	1.063	1.100	2.79
61)		4-Nitroaniline		0.264	0.321	0.352	0.343	0.366	0.342	13.72
62)		Azobenzene	2.250	2.543	2.672	2.748	2.724	2.612	2.620	7.01
63)	I	Phenanthrene-d10	----------	ISTD	----------					
64)		4,6-Dinitro-2-met		0.127	0.144	0.152	0.156	0.161	0.150	8.40
65)	c	n-Nitrosodiphenyl	0.503	0.502	0.508	0.538	0.534	0.525	0.520	2.98
66)		4-Bromophenyl-phe	0.225	0.221	0.225	0.245	0.230	0.235	0.232	4.09
67)		Hexachlorobenzene	0.267	0.268	0.260	0.265	0.258	0.257	0.262	1.83
68)		Atrazine	0.212	0.223	0.224	0.225	0.228	0.220	0.221	2.32
69)	C	Pentachlorophenol	0.221	0.188	0.204	0.199	0.202	0.206	0.203	4.84
70)		Phenanthrene	1.095	1.115	1.097	1.125	1.104	1.119	1.113	1.31
71)		Anthracene	0.970	1.053	1.070	1.135	1.132	1.123	1.089	5.78
72)		Carbazole	0.955	0.993	1.067	1.081	1.074	1.076	1.048	4.99
73)		Di-n-butylphthala	1.073	1.103	1.124	1.152	1.150	1.145	1.131	2.96
74)	C	Fluoranthene	1.606	1.734	1.787	1.815	1.814	1.815	1.774	4.61
75)	I	Chrysene-d12	----------	ISTD	----------					
76)		Benzidine		0.100	0.173	0.219	0.239	0.255	0.209	30.31
77)		Pyrene	0.861	0.937	0.943	0.952	0.984	0.956	0.946	4.42
78)	S	Terphenyl-d14	0.678	0.711	0.726	0.746	0.759	0.736	0.731	4.01
79)		Butylbenzylphthal	0.307	0.311	0.340	0.333	0.346	0.345	0.334	5.42
80)		Benzo(a)anthracen	1.088	1.170	1.195	1.184	1.210	1.198	1.179	3.55
81)		3,3'-Dichlorobenz	0.386	0.422	0.479	0.480	0.505	0.494	0.469	10.15
82)		Chrysene	1.038	1.146	1.162	1.135	1.144	1.135	1.134	3.95
83)		Bis(2-ethylhexyl)	0.563	0.506	0.511	0.514	0.516	0.503	0.519	3.88
84)	c	Di-n-octyl phthal	0.843	0.911	0.962	0.954	0.978	0.969	0.945	5.53
85)		Indeno(1,2,3-cd)p	1.545	1.776	1.763	1.689	1.756	1.765	1.730	5.19
86)	I	Perylene-d12	----------	ISTD	----------					
87)		Benzo(b)fluoranth	1.107	1.150	1.186	1.208	1.216	1.177	1.188	4.39
88)		Benzo(k)fluoranth	0.940	1.048	1.108	1.130	1.171	1.141	1.100	7.42
89)	C	Benzo(a)pyrene	1.037	1.125	1.157	1.156	1.194	1.167	1.153	5.30
90)		Dibenzo(a,h)anthr	1.091	1.167	1.203	1.217	1.241	1.244	1.211	5.67
91)		Benzo(g,h,i)peryl	1.165	1.235	1.244	1.232	1.271	1.269	1.247	3.75

(#) = Out of Range ### Number of calibration levels exceeded format ###