Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : SOM02.2-EPA-BM080316.M
Title : SVOA CALIBRATION
Last Update : Thu Aug 04 05:26:48 2016
Response Via : Initial Calibration

Calibration Files
5 =BM006851.D 10 =BM006852.D 20 =BM006853.D
40 =BM006854.D 80 =BM006855.D 160 =BM006856.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.474	0.393	0.383	0.392	0.382		0.405	9.60
3)	S	1,4-Dioxane-d8	0.410	0.291	0.374	0.373	0.371		0.364	12.12
4)		Benzaldehyde		0.997	1.044	1.057	1.027	0.821	0.989	9.80
5)	S	Phenol-d5		1.173	1.401	1.447	1.584	1.755	1.472	14.71
6)		Phenol		1.331	1.499	1.510	1.652	1.805	1.559	11.43
7)	S	Bis-(2-Chloroethy		0.906	1.013	0.937	0.991	1.071	0.984	6.55
8)		Bis(2-Chloroethyl		0.970	1.123	1.110	1.139	1.225	1.114	8.25
9)	S	2-Chlorophenol-d4	1.125	1.070	1.180	1.195	1.246		1.163	5.84
10)		2-Chlorophenol	1.056	1.141	1.189	1.216	1.259		1.172	6.64
11)		2-Methylphenol		1.023	1.134	1.184	1.292	1.404	1.207	12.13
12)		2,2'-oxybis(1-Chl		2.326	2.504	2.425	2.463	2.576	2.459	3.79
13)	S	4-Methylphenol-d8		1.065	1.115	1.170	1.253	1.383	1.197	10.43
14)		Acetophenone		1.767	2.017	2.031	2.237	2.579	2.126	14.26
15)	P	N-Nitroso-di-n-pr	0.877	0.961	1.079	1.138	1.206		1.052	12.62
16)		4-Methylphenol		1.008	1.213	1.311	1.424	1.621	1.315	17.42
17)		Hexachloroethane	0.567	0.622	0.593	0.627	0.644		0.611	4.99
18)	I	Naphthalene-d8	----------	ISTD	----------					
19)	S	Nitrobenzene-d5	0.125	0.122	0.141	0.145	0.152		0.137	9.35
20)		Nitrobenzene	0.382	0.405	0.439	0.452	0.478		0.431	8.83
21)		Isophorone	0.584	0.639	0.695	0.723	0.767		0.682	10.52
22)	S	2-Nitrophenol-d4	0.137	0.156	0.164	0.175	0.181		0.163	10.58
23)	C	2-Nitrophenol	0.144	0.160	0.171	0.179	0.196		0.170	11.44
24)		2,4-Dimethylpheno	0.372	0.397	0.431	0.443	0.463		0.421	8.73
25)		Bis(2-Chloroethox	0.341	0.347	0.385	0.378	0.398		0.370	6.72
26)	S	2,4-Dichloropheno	0.318	0.273	0.347	0.366	0.379		0.337	12.53
27)	C	2,4-Dichloropheno	0.275	0.261	0.348	0.342	0.375		0.320	15.40
28)		Naphthalene	0.937	0.948	1.007	1.016	1.059		0.993	5.10
29)	S	4-Chloroaniline-d		0.286	0.368	0.373	0.372	0.339	0.348	10.77
30)		4-Chloroaniline		0.288	0.353	0.386	0.374	0.354	0.351	10.76
31)	C	Hexachlorobutadie	0.290	0.298	0.306	0.298	0.315		0.301	3.11
32)		Caprolactam		0.075	0.089	0.093	0.095	0.100	0.090	10.56
33)	C	4-Chloro-3-methyl	0.297	0.334	0.349	0.396	0.402		0.356	12.39
34)		2-Methylnaphthale	0.745	0.754	0.815	0.829	0.862		0.801	6.23
35)	I	Acenaphthene-d10	----------	ISTD	----------					
36)		1,2,4,5-Tetrachlo	0.767	0.769	0.793	0.797	0.816		0.788	2.58
37)		Hexachlorocyclope		0.308	0.376	0.452	0.490	0.563	0.438	22.66
38)	C	2,4,6-Trichloroph	0.452	0.447	0.492	0.505	0.516		0.482	6.50
39)		2,4,5-Trichloroph	0.360	0.435	0.507	0.510	0.508		0.464	14.31
40)		1,1'-Biphenyl	1.502	1.606	1.622	1.698	1.729		1.632	5.42
41)		2-Chloronaphthale	1.178	1.289	1.275	1.310	1.346		1.280	4.92
42)		2-Nitroaniline	0.365	0.430	0.479	0.525	0.543		0.468	15.52
43)	S	Dimethylphthalate	1.524	1.583	1.646	1.712	1.771		1.647	5.97
44)		Dimethylphthalate	1.510	1.596	1.676	1.683	1.722		1.638	5.17
45)		2,6-Dinitrotoluen	0.275	0.298	0.315	0.347	0.356		0.318	10.56
46)	S	Acenaphthylene-d8	1.875	1.952	2.006	2.074	2.153		2.012	5.34
47)		Acenaphthylene	1.859	1.992	2.037	2.106	2.201		2.039	6.28
48)		3-Nitroaniline		0.238	0.271	0.291	0.281	0.266	0.269	7.43
49)	C	Acenaphthene	1.274	1.276	1.329	1.366	1.417		1.332	4.59
50)		2,4-Dinitrophenol		0.121	0.177	0.198	0.229	0.258	0.197	26.52
51)	S	4-Nitrophenol-d4		0.307	0.325	0.350	0.389	0.435	0.361	14.21

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : SOM02.2-EPA-BM080316.M
Title : SVOA CALIBRATION
Last Update : Thu Aug 04 05:26:48 2016
Response Via : Initial Calibration

Calibration Files
5 =BM006851.D 10 =BM006852.D 20 =BM006853.D
40 =BM006854.D 80 =BM006855.D 160 =BM006856.D

		Compound	5	10	20	40	80	160	Avg	%RSD
52)		4-Nitrophenol		0.341	0.454	0.488	0.537	0.612	0.486	20.68
53)		Dibenzofuran	1.967	1.993	2.027	2.108	2.228		2.065	5.12
54)		2,4-Dinitrotoluen	0.463	0.450	0.499	0.543	0.571		0.505	10.20
55)		2,3,4,6-Tetrachlo	0.451	0.487	0.495	0.515	0.526		0.495	5.88
56)		Diethylphthalate	1.523	1.659	1.715	1.780	1.837		1.703	7.09
57)	S	Fluorene-d10	1.479	1.516	1.520	1.540	1.592		1.529	2.70
58)		Fluorene	1.576	1.654	1.734	1.780	1.937		1.736	7.86
59)		4-Chlorophenyl-ph	0.955	0.934	0.948	1.003	1.033		0.975	4.25
60)		4-Nitroaniline		0.196	0.282	0.293	0.312	0.322	0.281	17.85
61)	I	Phenanthrene-d10	----------ISTD----------							
62)	S	4,6-Dinitro-2-met		0.101	0.125	0.128	0.141	0.158	0.131	16.26
63)		4,6-Dinitro-2-met		0.098	0.132	0.135	0.146	0.164	0.135	17.82
64)		N-Nitrosodiphenyl	0.548	0.535	0.588	0.578	0.615		0.573	5.52
65)		4-Bromophenyl-phe	0.235	0.241	0.249	0.245	0.257		0.245	3.31
66)		Hexachlorobenzene	0.251	0.261	0.278	0.269	0.272		0.266	4.04
67)		Atrazine		0.206	0.242	0.238	0.260	0.279	0.245	11.00
68)	C	Pentachlorophenol		0.121	0.138	0.145	0.158	0.174	0.147	13.64
69)		Phenanthrene	1.043	1.054	1.116	1.119	1.185		1.103	5.19
70)	S	Anthracene-d10	0.897	0.919	0.982	0.979	1.025		0.960	5.40
71)		Anthracene	1.068	1.073	1.172	1.160	1.220		1.139	5.80
72)		Carbazole		0.855	0.936	0.958	0.991	1.110	0.970	9.58
73)		Di-n-butylphthala	0.905	0.960	1.052	1.126	1.215		1.051	11.88
74)	C	Fluoranthene		1.307	1.418	1.377	1.491	1.474	1.413	5.31
75)	I	Chrysene-d12	----------ISTD----------							
76)	S	Pyrene-d10	0.984	0.984	1.039	1.038	1.071		1.023	3.74
77)		Pyrene	1.238	1.268	1.340	1.345	1.386		1.315	4.62
78)		Butylbenzylphthal	0.393	0.432	0.458	0.473	0.508		0.453	9.56
79)		3,3'-Dichlorobenz		0.328	0.384	0.405	0.392	0.325	0.367	10.28
80)		Benzo(a)anthracen	1.154	1.193	1.230	1.230	1.283		1.218	3.95
81)		Bis(2-ethylhexyl)	0.553	0.561	0.627	0.649	0.716		0.621	10.80
82)		Chrysene	1.014	1.034	1.091	1.087	1.128		1.071	4.31
83)	I	Perylene-d12	----------ISTD----------							
84)		Di-n-octyl phthal		1.052	1.104	1.160	1.353	1.475	1.229	14.53
85)		Benzo(b)fluoranth	1.150	1.170	1.235	1.282	1.465		1.261	9.99
86)		Benzo(k)fluoranth	1.155	1.148	1.250	1.243	1.354		1.230	6.85
87)	S	Benzo(a)pyrene-d1	0.917	0.915	0.974	0.984	1.080		0.974	6.91
88)	C	Benzo(a)pyrene	1.088	1.109	1.194	1.230	1.365		1.197	9.24
89)		Indeno(1,2,3-cd)p	1.239	1.315	1.435	1.473	1.657		1.424	11.26
90)		Dibenzo(a,h)anthr	1.124	1.116	1.234	1.257	1.406		1.227	9.65
91)		Benzo(g,h,i)peryl	1.104	1.057	1.175	1.166	1.259		1.152	6.65

(#) = Out of Range