Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : SOM01.2-EPA-BG033115.M
Title : SVOA CALIBRATION
Last Update : Wed Apr 01 04:39:57 2015
Response Via : Initial Calibration

Calibration Files
5 =BG016197.D 10 =BG016198.D 20 =BG016203.D
40 =BG016200.D 80 =BG016201.D

		Compound	5	10	20	40	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		1,4-Dioxane	0.644	0.553	0.534	0.525	0.491	0.549	10.45
3)	S	1,4-Dioxane-d8	0.513	0.442	0.460	0.453	0.428	0.459	7.05
4)		Benzaldehyde	1.206	1.129	1.188	1.088	0.756	1.073	17.10
5)	S	Phenol-d5	1.821	1.794	1.870	1.843	1.838	1.833	1.53
6)		Phenol	2.012	1.927	2.055	1.994	1.972	1.992	2.39
7)	S	Bis-(2-Chloroethyl)	1.100	1.051	1.071	1.045	1.034	1.060	2.45
8)		Bis(2-Chloroethyl)e	1.568	1.502	1.568	1.522	1.481	1.528	2.57
9)	S	2-Chlorophenol-d4	1.465	1.386	1.464	1.443	1.443	1.440	2.24
10)		2-Chlorophenol	1.523	1.480	1.536	1.500	1.500	1.508	1.44
11)		2-Methylphenol	1.488	1.461	1.503	1.473	1.498	1.485	1.19
12)		2,2'-oxybis(1-Chlor	2.295	2.201	2.269	2.214	2.160	2.228	2.43
13)	S	4-Methylphenol-d8	1.420	1.381	1.455	1.429	1.457	1.428	2.19
14)		Acetophenone	2.220	2.138	2.192	2.126	2.106	2.156	2.21
15)	P	N-Nitroso-di-n-prop	1.305	1.289	1.305	1.263	1.265	1.286	1.60
16)		4-Methylphenol	1.601	1.581	1.660	1.636	1.626	1.621	1.90
17)		Hexachloroethane	0.632	0.592	0.614	0.609	0.596	0.609	2.58
18)	I	Naphthalene-d8	----------ISTD----------						
19)	S	Nitrobenzene-d5	0.171	0.163	0.171	0.169	0.164	0.168	2.28
20)		Nitrobenzene	0.416	0.398	0.407	0.394	0.383	0.400	3.13
21)		Isophorone	0.795	0.776	0.772	0.759	0.733	0.767	3.01
22)	S	2-Nitrophenol-d4	0.192	0.183	0.189	0.188	0.185	0.187	2.00
23)	C	2-Nitrophenol	0.208	0.194	0.205	0.204	0.197	0.202	3.02
24)		2,4-Dimethylphenol	0.383	0.370	0.382	0.378	0.372	0.377	1.61
25)		Bis(2-Chloroethoxy)	0.468	0.440	0.446	0.440	0.425	0.444	3.48
26)	S	2,4-Dichlorophenol-	0.310	0.295	0.306	0.305	0.306	0.305	1.82
27)	C	2,4-Dichlorophenol	0.310	0.294	0.310	0.305	0.302	0.304	2.22
28)		Naphthalene	1.138	1.080	1.090	1.066	1.003	1.075	4.51
29)	S	4-Chloroaniline-d4	0.401	0.430	0.450	0.425	0.346	0.410	9.77
30)		4-Chloroaniline	0.391	0.442	0.453	0.431	0.354	0.414	9.90
31)	C	Hexachlorobutadiene	0.176	0.162	0.163	0.165	0.159	0.165	3.96
32)		Caprolactam	0.149	0.146	0.145	0.145	0.144	0.146	1.33
33)	C	4-Chloro-3-methylph	0.371	0.341	0.350	0.352	0.345	0.352	3.32
34)		2-Methylnaphthalene	0.782	0.767	0.768	0.762	0.728	0.761	2.66
35)	I	Acenaphthene-d10	----------ISTD----------						
36)		1,2,4,5-Tetrachloro	0.564	0.524	0.542	0.528	0.526	0.537	3.14
37)		Hexachlorocyclopent	0.268	0.289	0.323	0.331	0.337	0.309	9.56
38)	C	2,4,6-Trichlorophen	0.378	0.358	0.378	0.375	0.377	0.373	2.31
39)		2,4,5-Trichlorophen	0.419	0.399	0.407	0.412	0.404	0.408	1.87
40)		1,1'-Biphenyl	1.718	1.589	1.602	1.570	1.511	1.598	4.74
41)		2-Chloronaphthalene	1.271	1.187	1.208	1.184	1.142	1.198	3.94
42)		2-Nitroaniline		0.403	0.409	0.412	0.412	0.409	0.97
43)	S	Dimethylphthalate-d	1.391	1.330	1.331	1.300	1.259	1.322	3.65
44)		Dimethylphthalate	1.578	1.508	1.485	1.463	1.395	1.486	4.49
45)		2,6-Dinitrotoluene	0.351	0.333	0.345	0.349	0.340	0.343	2.19
46)	S	Acenaphthylene-d8	1.973	1.880	1.857	1.841	1.750	1.860	4.31
47)		Acenaphthylene	2.185	2.092	2.070	2.030	1.901	2.056	5.04
48)		3-Nitroaniline		0.379	0.402	0.393	0.368	0.385	3.93
49)	C	Acenaphthene	1.497	1.393	1.384	1.374	1.325	1.395	4.51
50)		2,4-Dinitrophenol		0.157	0.203	0.218	0.238	0.204	16.86
51)	S	4-Nitrophenol-d4		0.316	0.335	0.342	0.340	0.333	3.58

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		Compound	5	10	20	40	80	Avg	%RSD
52)		4-Nitrophenol		0.220	0.216	0.226	0.222	0.221	1.88
53)		Dibenzofuran	1.967	1.834	1.794	1.795	1.670	1.812	5.87
54)		2,4-Dinitrotoluene	0.498	0.486	0.493	0.489	0.489	0.491	0.94
55)		2,3,4,6-Tetrachloro	0.355	0.340	0.351	0.362	0.360	0.354	2.44
56)		Diethylphthalate	1.621	1.544	1.529	1.527	1.458	1.536	3.78
57)	S	Fluorene-d10	1.357	1.303	1.295	1.281	1.236	1.294	3.37
58)		Fluorene	1.668	1.591	1.581	1.578	1.520	1.588	3.33
59)		4-Chlorophenyl-phen	0.724	0.704	0.693	0.702	0.691	0.703	1.90
60)		4-Nitroaniline		0.411	0.440	0.433	0.434	0.429	2.97
61)	I	Phenanthrene-d10	----------ISTD----------						
62)	S	4,6-Dinitro-2-methy		0.122	0.140	0.141	0.143	0.137	7.23
63)		4,6-Dinitro-2-methy		0.137	0.150	0.150	0.155	0.148	5.12
64)		N-Nitrosodiphenylam	0.687	0.650	0.663	0.652	0.626	0.655	3.41
65)		4-Bromophenyl-pheny	0.215	0.209	0.212	0.213	0.209	0.211	1.24
66)		Hexachlorobenzene	0.249	0.236	0.242	0.237	0.234	0.239	2.64
67)		Atrazine	0.233	0.224	0.229	0.225	0.210	0.224	3.84
68)	C	Pentachlorophenol		0.134	0.149	0.155	0.158	0.149	7.19
69)		Phenanthrene	1.231	1.145	1.159	1.111	1.032	1.135	6.40
70)	S	Anthracene-d10	0.980	0.916	0.928	0.911	0.861	0.919	4.63
71)		Anthracene	1.261	1.177	1.188	1.139	1.038	1.161	7.03
72)		Carbazole	1.214	1.132	1.147	1.109	1.000	1.120	6.95
73)		Di-n-butylphthalate	1.442	1.383	1.392	1.325	1.162	1.341	8.07
74)	C	Fluoranthene	1.375	1.293	1.288	1.247	1.106	1.262	7.82
75)	I	Chrysene-d12	----------ISTD----------						
76)	S	Pyrene-d10	0.922	0.891	0.913	0.920	0.897	0.909	1.52
77)		Pyrene	1.313	1.255	1.254	1.237	1.149	1.241	4.76
78)		Butylbenzylphthalat	0.577	0.571	0.605	0.596	0.575	0.585	2.51
79)		3,3'-Dichlorobenzid	0.349	0.371	0.427	0.408	0.381	0.387	7.86
80)		Benzo(a)anthracene	1.227	1.178	1.185	1.150	1.049	1.158	5.77
81)		Bis(2-ethylhexyl)ph	0.773	0.755	0.820	0.816	0.770	0.787	3.72
82)		Chrysene	1.159	1.088	1.100	1.056	0.974	1.075	6.31
83)	I	Perylene-d12	----------ISTD----------						
84)		Di-n-octyl phthalat	1.452	1.376	1.420	1.385	1.270	1.381	4.98
85)		Benzo(b)fluoranthen	1.239	1.221	1.186	1.171	1.156	1.194	2.91
86)		Benzo(k)fluoranthen	1.202	1.140	1.182	1.150	1.080	1.151	4.05
87)	S	Benzo(a)pyrene-d12	0.942	0.878	0.910	0.896	0.886	0.902	2.79
88)	C	Benzo(a)pyrene	1.191	1.135	1.144	1.128	1.097	1.139	3.00
89)		Indeno(1,2,3-cd)pyr	1.340	1.291	1.341	1.326	1.358	1.331	1.87
90)		Dibenzo(a,h)anthrac	1.126	1.080	1.109	1.106	1.123	1.109	1.64
91)		Benzo(g,h,i)perylen	1.117	1.058	1.089	1.085	1.092	1.088	1.94

(#) = Out of Range