Response Factor Report BNA_B

Method Path : Z:\HPCHEM1\BNA B\METHOD\
Method File : SOM02.2-EPA-BB101016.M
Title : SVOA CALIBRATION
Last Update : Tue Oct 11 11:35:34 2016
Response Via : Initial Calibration

Calibration Files
5 =BB058595.D 10 =BB058596.D 20 =BB058597.D
40 =BB058598.D 80 =BB058599.D 160 =BB058600.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.458	0.431	0.465	0.413	0.421		0.438	5.25
3)	S	1,4-Dioxane-d8	0.451	0.445	0.462	0.425	0.425		0.442	3.65
4)		Benzaldehyde		1.117	1.110	0.992	0.888	0.571	0.936	24.01
5)	S	Phenol-d5		1.514	1.511	1.374	1.389	1.477	1.453	4.63
6)		Phenol		1.514	1.521	1.415	1.365	1.381	1.439	5.12
7)	S	Bis-(2-Chloroethy		1.042	1.072	0.927	0.918	0.907	0.973	7.98
8)		Bis(2-Chloroethyl		1.254	1.256	1.121	1.130	1.178	1.188	5.48
9)	S	2-Chlorophenol-d4	1.431	1.512	1.589	1.491	1.512		1.507	3.76
10)		2-Chlorophenol	1.362	1.442	1.523	1.413	1.433		1.435	4.07
11)		2-Methylphenol		1.194	1.208	1.111	1.124	1.153	1.158	3.65
12)		2,2'-oxybis(1-Chl		2.397	2.399	2.057	1.868	1.726	2.089	14.61
13)	S	4-Methylphenol-d8		1.215	1.242	1.169	1.168	1.219	1.203	2.73
14)		Acetophenone		1.766	1.810	1.686	1.725	1.813	1.760	3.12
15)	P	N-Nitroso-di-n-pr	1.047	1.067	1.075	0.977	1.040		1.041	3.72
16)		4-Methylphenol		1.234	1.262	1.175	1.240	1.338	1.250	4.70
17)		Hexachloroethane	0.658	0.707	0.720	0.691	0.698		0.695	3.34
18)	I	Naphthalene-d8	----------	ISTD	----------					
19)	S	Nitrobenzene-d5	0.210	0.194	0.219	0.201	0.210		0.207	4.64
20)		Nitrobenzene	0.402	0.394	0.417	0.359	0.369		0.388	6.11
21)		Isophorone	0.779	0.774	0.790	0.698	0.704		0.749	5.91
22)	S	2-Nitrophenol-d4	0.204	0.213	0.233	0.224	0.238		0.223	6.26
23)	C	2-Nitrophenol	0.214	0.226	0.241	0.231	0.248		0.232	5.71
24)		2,4-Dimethylpheno	0.374	0.383	0.401	0.368	0.375		0.380	3.28
25)		Bis(2-Chloroethox	0.370	0.370	0.378	0.346	0.342		0.361	4.45
26)	S	2,4-Dichloropheno	0.289	0.304	0.328	0.319	0.336		0.315	6.05
27)	C	2,4-Dichloropheno	0.282	0.303	0.335	0.312	0.347		0.316	8.14
28)		Naphthalene	0.995	0.980	1.032	0.926	0.828		0.952	8.31
29)	S	4-Chloroaniline-d		0.382	0.411	0.394	0.381	0.330	0.380	7.97
30)		4-Chloroaniline		0.370	0.394	0.380	0.361	0.295	0.360	10.62
31)	C	Hexachlorobutadie	0.200	0.207	0.225	0.212	0.235		0.216	6.50
32)		Caprolactam		0.116	0.126	0.120	0.136	0.077	0.115	19.54
33)	C	4-Chloro-3-methyl	0.296	0.313	0.336	0.311	0.318		0.315	4.53
34)		2-Methylnaphthale	0.654	0.659	0.691	0.660	0.622		0.657	3.75
35)	I	Acenaphthene-d10	----------	ISTD	----------					
36)		1,2,4,5-Tetrachlo	0.561	0.614	0.650	0.621	0.626		0.614	5.31
37)		Hexachlorocyclope		0.324	0.380	0.378	0.437	0.418	0.387	11.22
38)	C	2,4,6-Trichloroph	0.327	0.357	0.383	0.386	0.413		0.373	8.78
39)		2,4,5-Trichloroph	0.351	0.380	0.400	0.408	0.442		0.396	8.55
40)		1,1'-Biphenyl	1.323	1.395	1.395	1.371	1.221		1.341	5.48
41)		2-Chloronaphthale	0.986	1.064	1.083	1.099	1.110		1.069	4.63
42)		2-Nitroaniline	0.383	0.422	0.427	0.419	0.401		0.410	4.52
43)	S	Dimethylphthalate	1.288	1.343	1.432	1.306	1.279		1.330	4.68
44)		Dimethylphthalate	1.293	1.382	1.371	1.371	1.232		1.330	4.92
45)		2,6-Dinitrotoluen	0.293	0.330	0.345	0.359	0.353		0.336	7.86
46)	S	Acenaphthylene-d8	1.537	1.600	1.636	1.580	1.489		1.568	3.63
47)		Acenaphthylene	1.511	1.635	1.711	1.512	1.237		1.521	11.85
48)		3-Nitroaniline		0.412	0.438	0.436	0.439	0.472	0.440	4.79
49)	C	Acenaphthene	1.005	1.050	1.060	1.068	1.037		1.044	2.38
50)		2,4-Dinitrophenol		0.156	0.198	0.237	0.287	0.321	0.239	27.66
51)	S	4-Nitrophenol-d4		0.258	0.291	0.302	0.327	0.349	0.305	11.38

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		Compound	5	10	20	40	80	160	Avg	%RSD
52)		4-Nitrophenol		0.215	0.262	0.234	0.253	0.278	0.248	9.77
53)		Dibenzofuran	1.400	1.555	1.565	1.518	1.403		1.488	5.46
54)		2,4-Dinitrotoluen	0.388	0.457	0.468	0.465	0.564		0.469	13.40
55)		2,3,4,6-Tetrachlo	0.278	0.335	0.365	0.363	0.392		0.346	12.46
56)		Diethylphthalate	1.379	1.463	1.531	1.362	1.167		1.380	9.95
57)	S	Fluorene-d10	0.985	1.117	1.131	1.126	1.088		1.089	5.57
58)		Fluorene	1.075	1.214	1.254	1.282	1.228		1.210	6.62
59)		4-Chlorophenyl-ph	0.582	0.598	0.673	0.705	0.695		0.651	8.72
60)		4-Nitroaniline		0.325	0.335	0.360	0.373	0.343	0.347	5.58
61)	I	Phenanthrene-d10	----------ISTD----------							
62)	S	4,6-Dinitro-2-met		0.160	0.197	0.207	0.237	0.261	0.212	18.32
63)		4,6-Dinitro-2-met		0.172	0.190	0.193	0.245	0.261	0.212	18.08
64)		N-Nitrosodiphenyl	0.661	0.654	0.714	0.622	0.577		0.646	7.84
65)		4-Bromophenyl-phe	0.242	0.232	0.267	0.263	0.277		0.256	7.32
66)		Hexachlorobenzene	0.242	0.240	0.262	0.252	0.288		0.257	7.61
67)		Atrazine		0.245	0.244	0.259	0.232	0.249	0.246	3.92
68)	C	Pentachlorophenol		0.135	0.163	0.177	0.210	0.225	0.182	19.81
69)		Phenanthrene	1.034	1.044	1.115	0.970	0.816		0.996	11.32
70)	S	Anthracene-d10	0.869	0.895	0.961	0.901	0.847		0.894	4.82
71)		Anthracene	1.025	1.058	1.179	0.982	0.840		1.017	12.12
72)		Carbazole		0.912	1.021	0.872	0.796	0.644	0.849	16.52
73)		Di-n-butylphthala	1.497	1.638	1.650	1.172	0.982		1.388	21.44
74)	C	Fluoranthene		1.097	1.257	1.058	0.922	0.737	1.014	19.32
75)	I	Chrysene-d12	----------ISTD----------							
76)	S	Pyrene-d10	0.858	0.918	0.963	0.869	0.786		0.879	7.56
77)		Pyrene	1.127	1.207	1.192	0.962	0.739		1.045	18.84
78)		Butylbenzylphthal	0.715	0.730	0.774	0.661	0.507		0.677	15.31
79)		3,3'-Dichlorobenz		0.342	0.378	0.412	0.375	0.260	0.353	16.32
80)		Benzo(a)anthracen	1.027	1.074	1.110	0.982	0.899		1.018	8.07
81)		Bis(2-ethylhexyl)	0.980	0.985	1.040	0.875	0.623		0.901	18.45
82)		Chrysene	0.972	1.024	1.061	0.906	0.810		0.955	10.44
83)	I	Perylene-d12	----------ISTD----------							
84)		Di-n-octyl phthal		1.224	1.333	1.180	0.817	0.652	1.041	27.95
85)		Benzo(b)fluoranth	1.126	1.250	1.297	1.338	1.591		1.320	12.93
86)		Benzo(k)fluoranth	1.026	1.023	1.190	1.063	0.818		1.024	13.04
87)	S	Benzo(a)pyrene-d1	0.827	0.878	0.945	0.924	0.992		0.913	6.91
88)	C	Benzo(a)pyrene	1.013	1.084	1.177	1.142	1.142		1.112	5.79
89)		Indeno(1,2,3-cd)p	0.873	0.891	0.999	1.013	1.080		0.971	8.98
90)		Dibenzo(a,h)anthr	0.693	0.719	0.820	0.869	0.927		0.806	12.28
91)		Benzo(g,h,i)peryl	0.727	0.723	0.787	0.783	0.812		0.766	5.13

(#) = Out of Range