Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : SOM-EPA-BG061617.M
Title : SVOA CALIBRATION
Last Update : Mon Jun 19 01:52:26 2017
Response Via : Initial Calibration

Calibration Files
5 =BG027467.D 10 =BG027468.D 20 =BG027507.D
40 =BG027470.D 80 =BG027471.D 160 =BG027472.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.644	0.585	0.563	0.567	0.535		0.579	7.05
3)	S	1,4-Dioxane-d8	0.562	0.483	0.484	0.500	0.472		0.500	7.21
4)		Benzaldehyde		1.392	1.475	1.451	1.015	1.007	1.268	18.66
5)	S	Phenol-d5		1.857	2.071	2.293	2.292	2.332	2.169	9.33
6)		Phenol		1.998	2.184	2.408	2.373	2.400	2.273	7.86
7)	S	Bis-(2-Chloroethy		1.401	1.480	1.541	1.488	1.480	1.478	3.37
8)		Bis(2-Chloroethyl		1.576	1.669	1.751	1.674	1.687	1.671	3.74
9)	S	2-Chlorophenol-d4	1.290	1.314	1.438	1.564	1.559		1.433	9.06
10)		2-Chlorophenol	1.309	1.330	1.470	1.561	1.543		1.443	8.15
11)		2-Methylphenol		1.429	1.580	1.728	1.722	1.756	1.643	8.39
12)		2,2'-oxybis(1-Chl		2.726	2.803	2.935	2.758	2.689	2.782	3.42
13)	S	4-Methylphenol-d8		1.476	1.621	1.780	1.780	1.822	1.696	8.55
14)		Acetophenone		2.443	2.600	2.752	2.647	2.662	2.621	4.34
15)	P	N-Nitroso-di-n-pr	1.358	1.368	1.467	1.624	1.587		1.481	8.26
16)		4-Methylphenol		1.600	1.752	1.914	1.858	1.898	1.804	7.24
17)		Hexachloroethane	0.533	0.519	0.563	0.578	0.572		0.553	4.64
18)	I	Naphthalene-d8	----------	ISTD	----------					
19)	S	Nitrobenzene-d5	0.126	0.133	0.148	0.160	0.159		0.145	10.68
20)		Nitrobenzene	0.372	0.388	0.414	0.439	0.433		0.409	7.02
21)		Isophorone	0.728	0.767	0.820	0.867	0.853		0.807	7.25
22)	S	2-Nitrophenol-d4	0.129	0.140	0.153	0.173	0.177		0.154	13.33
23)	C	2-Nitrophenol	0.142	0.154	0.172	0.189	0.191		0.169	12.65
24)		2,4-Dimethylpheno	0.371	0.386	0.406	0.430	0.426		0.404	6.30
25)		Bis(2-Chloroethox	0.478	0.483	0.504	0.515	0.502		0.496	3.10
26)	S	2,4-Dichloropheno	0.257	0.274	0.291	0.318	0.318		0.292	9.21
27)	C	2,4-Dichloropheno	0.258	0.280	0.300	0.317	0.319		0.295	8.79
28)		Naphthalene	1.006	1.010	1.034	1.063	1.025		1.028	2.23
29)	S	4-Chloroaniline-d		0.405	0.440	0.443	0.353	0.204	0.369	26.84
30)		4-Chloroaniline		0.395	0.430	0.434	0.352	0.211	0.364	25.25
31)	C	Hexachlorobutadie	0.181	0.174	0.178	0.187	0.186		0.181	2.94
32)		Caprolactam		0.110	0.130	0.142	0.136	0.133	0.130	9.26
33)	C	4-Chloro-3-methyl	0.334	0.365	0.398	0.425	0.419		0.388	9.83
34)		2-Methylnaphthale	0.726	0.742	0.774	0.798	0.770		0.762	3.70
35)	I	Acenaphthene-d10	----------	ISTD	----------					
36)		1,2,4,5-Tetrachlo	0.566	0.571	0.592	0.620	0.611		0.592	4.00
37)		Hexachlorocyclope		0.274	0.311	0.348	0.357	0.368	0.332	11.68
38)	C	2,4,6-Trichloroph	0.343	0.359	0.397	0.432	0.428		0.392	10.16
39)		2,4,5-Trichloroph	0.359	0.380	0.419	0.442	0.440		0.408	9.12
40)		1,1'-Biphenyl	1.556	1.521	1.605	1.656	1.573		1.582	3.23
41)		2-Chloronaphthale	1.136	1.175	1.196	1.246	1.214		1.193	3.45
42)		2-Nitroaniline	0.352	0.408	0.454	0.515	0.515		0.449	15.66
43)	S	Dimethylphthalate	1.628	1.658	1.689	1.747	1.652		1.675	2.73
44)		Dimethylphthalate	1.638	1.636	1.688	1.727	1.615		1.661	2.74
45)		2,6-Dinitrotoluen	0.240	0.281	0.315	0.353	0.357		0.309	16.01
46)	S	Acenaphthylene-d8	1.745	1.856	1.978	2.078	1.987		1.929	6.71
47)		Acenaphthylene	1.821	1.892	1.963	2.056	1.933		1.933	4.49
48)		3-Nitroaniline		0.311	0.347	0.375	0.343	0.302	0.336	8.81
49)	C	Acenaphthene	1.330	1.312	1.335	1.404	1.358		1.348	2.62
50)		2,4-Dinitrophenol		0.164	0.188	0.227	0.236	0.257	0.214	17.57
51)	S	4-Nitrophenol-d4		0.285	0.326	0.347	0.339	0.340	0.328	7.61

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52)		4-Nitrophenol		0.226	0.263	0.280	0.270	0.264	0.261	7.83
53)		Dibenzofuran	1.980	1.943	1.955	2.028	1.918		1.965	2.14
54)		2,4-Dinitrotoluen	0.382	0.435	0.490	0.535	0.525		0.473	13.59
55)		2,3,4,6-Tetrachlo	0.340	0.375	0.393	0.440	0.435		0.397	10.58
56)		Diethylphthalate	1.727	1.714	1.777	1.836	1.722		1.755	2.92
57)	S	Fluorene-d10	1.537	1.554	1.568	1.626	1.569		1.571	2.13
58)		Fluorene	1.639	1.582	1.634	1.688	1.610		1.630	2.39
59)		4-Chlorophenyl-ph	0.795	0.809	0.817	0.850	0.826		0.820	2.52
60)		4-Nitroaniline		0.373	0.411	0.432	0.418	0.421	0.411	5.47
61)	I	Phenanthrene-d10	----------ISTD----------							
62)	S	4,6-Dinitro-2-met		0.098	0.111	0.127	0.138	0.148	0.124	16.43
63)		4,6-Dinitro-2-met		0.106	0.119	0.135	0.143	0.152	0.131	14.07
64)		N-Nitrosodiphenyl	0.539	0.552	0.581	0.606	0.599		0.575	5.04
65)		4-Bromophenyl-phe	0.190	0.189	0.198	0.215	0.220		0.203	6.97
66)		Hexachlorobenzene	0.199	0.202	0.216	0.223	0.228		0.213	5.97
67)		Atrazine		0.214	0.228	0.236	0.224	0.200	0.220	6.34
68)	C	Pentachlorophenol		0.115	0.132	0.148	0.153	0.160	0.142	12.87
69)		Phenanthrene	1.089	1.055	1.087	1.100	1.043		1.075	2.29
70)	S	Anthracene-d10	0.908	0.914	0.946	0.966	0.929		0.933	2.52
71)		Anthracene	1.082	1.072	1.121	1.121	1.068		1.093	2.41
72)		Carbazole		0.943	0.979	0.987	0.932	0.859	0.940	5.39
73)		Di-n-butylphthala	1.080	1.112	1.225	1.239	1.156		1.162	5.95
74)	C	Fluoranthene		1.232	1.293	1.279	1.184	1.058	1.209	7.82
75)	I	Chrysene-d12	----------ISTD----------							
76)	S	Pyrene-d10	0.954	0.965	1.023	1.010	0.931		0.977	3.96
77)		Pyrene	1.181	1.194	1.240	1.203	1.094		1.182	4.57
78)		Butylbenzylphthal	0.384	0.389	0.454	0.498	0.502		0.446	12.78
79)		3,3'-Dichlorobenz		0.334	0.375	0.383	0.376	0.373	0.368	5.34
80)		Benzo(a)anthracen	1.078	1.071	1.159	1.156	1.105		1.114	3.76
81)		Bis(2-ethylhexyl)	0.525	0.566	0.670	0.723	0.716		0.640	14.01
82)		Chrysene	0.987	0.976	1.029	1.039	0.999		1.006	2.69
83)	I	Perylene-d12	----------ISTD----------							
84)		Di-n-octyl phthal		1.075	1.212	1.365	1.353	1.260	1.253	9.45
85)		Benzo(b)fluoranth	1.121	1.118	1.183	1.270	1.264		1.191	6.19
86)		Benzo(k)fluoranth	1.071	1.102	1.150	1.204	1.197		1.145	5.06
87)	S	Benzo(a)pyrene-d1	0.810	0.838	0.893	0.977	0.985		0.901	8.79
88)	C	Benzo(a)pyrene	1.064	1.094	1.133	1.216	1.211		1.144	5.96
89)		Indeno(1,2,3-cd)p	1.199	1.212	1.296	1.403	1.418		1.306	7.87
90)		Dibenzo(a,h)anthr	1.023	1.055	1.113	1.201	1.212		1.121	7.55
91)		Benzo(g,h,i)peryl	0.989	1.002	1.064	1.141	1.149		1.069	7.01

(#) = Out of Range