

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025688.D
 Acq On : 27 Jan 2017 5:03
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02022

Quant Time: Jan 27 05:45:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 04:44:43 2017
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	149	0.00
2	1,4-Dioxane	0.472	0.467	1.1	155#	0.00
3 S	1,4-Dioxane-d8	0.400	0.348	13.0	138	0.00
4	Benzaldehyde	1.180	1.449	-22.8#	144	0.00
5 S	Phenol-d5	1.714	1.843	-7.5	156#	0.00
6	Phenol	1.801	1.903	-5.7	155#	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.107	1.204	-8.8	147	0.00
8	Bis(2-Chloroethyl)ether	1.286	1.428	-11.0	157#	0.00
9 S	2-Chlorophenol-d4	1.209	1.331	-10.1	155#	0.00
10	2-Chlorophenol	1.197	1.318	-10.1	155#	0.00
11	2-Methylphenol	1.341	1.423	-6.1	159#	0.00
12	2,2'-oxybis(1-Chloropropane	2.443	2.799	-14.6	162#	0.00
13 S	4-Methylphenol-d8	1.457	1.542	-5.8	156#	0.00
14	Acetophenone	2.276	2.370	-4.1	150#	0.00
15 P	N-Nitroso-di-n-propylamine	1.362	1.432	-5.1	145	0.00
16	4-Methylphenol	1.471	1.531	-4.1	149	0.00
17	Hexachloroethane	0.558	0.616	-10.4	163#	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	142	0.00
19 S	Nitrobenzene-d5	0.142	0.153	-7.7	142	0.00
20	Nitrobenzene	0.454	0.514	-13.2	151#	0.00
21	Isophorone	0.853	0.908	-6.4	144	0.00
22 S	2-Nitrophenol-d4	0.169	0.187	-10.7	147	0.00
23 C	2-Nitrophenol	0.173	0.187	-8.1	150#	0.00
24	2,4-Dimethylphenol	0.416	0.445	-7.0	144	0.00
25	Bis(2-Chloroethoxy)methane	0.430	0.489	-13.7	156#	0.00
26 S	2,4-Dichlorophenol-d3	0.334	0.373	-11.7	152#	0.00
27 C	2,4-Dichlorophenol	0.324	0.364	-12.3	150#	0.00
28	Naphthalene	0.923	1.053	-14.1	154#	0.00
29 S	4-Chloroaniline-d4	0.373	0.430	-15.3	142	0.00
30	4-Chloroaniline	0.376	0.428	-13.8	143	0.00
31 C	Hexachlorobutadiene	0.283	0.295	-4.2	142	0.00
32	Caprolactam	0.136	0.131	3.7	133	0.00
33 C	4-Chloro-3-methylphenol	0.394	0.443	-12.4	145	0.00
34	2-Methylnaphthalene	0.754	0.813	-7.8	144	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	140	0.00
36	1,2,4,5-Tetrachlorobenzene	0.602	0.677	-12.5	141	0.00
37	Hexachlorocyclopentadiene	0.238	0.267	-12.2	190#	0.00
38 C	2,4,6-Trichlorophenol	0.365	0.397	-8.8	136	0.00
39	2,4,5-Trichlorophenol	0.382	0.431	-12.8	143	0.00
40	1,1'-Biphenyl	1.239	1.402	-13.2	144	0.00
41	2-Chloronaphthalene	0.962	1.100	-14.3	149	0.00
42	2-Nitroaniline	0.417	0.457	-9.6	139	0.00
43 S	Dimethylphthalate-d6	1.412	1.463	-3.6	127	0.00
44	Dimethylphthalate	1.389	1.447	-4.2	131	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.286	0.300	-4.9	133	0.00
46 S	Acenaphthylene-d8	1.526	1.708	-11.9	141	0.00
47	Acenaphthylene	1.485	1.679	-13.1	141	0.00
48	3-Nitroaniline	0.259	0.292	-12.7	139	0.00
49 C	Acenaphthene	1.058	1.189	-12.4	141	0.00
50	2,4-Dinitrophenol	0.168	0.150	10.7	135	0.00
51 S	4-Nitrophenol-d4	0.194	0.165	14.9	109	0.00
52	4-Nitrophenol	0.268	0.224	16.4	111	0.00
53	Dibenzofuran	1.626	1.786	-9.8	139	0.00
54	2,4-Dinitrotoluene	0.436	0.460	-5.5	139	0.00
55	2,3,4,6-Tetrachlorophenol	0.405	0.400	1.2	124	0.00
56	Diethylphthalate	1.501	1.521	-1.3	128	0.00
57 S	Fluorene-d10	1.331	1.391	-4.5	132	0.00
58	Fluorene	1.328	1.422	-7.1	137	0.00
59	4-Chlorophenyl-phenylether	0.749	0.795	-6.1	133	0.00
60	4-Nitroaniline	0.250	0.258	-3.2	125	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	120	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.123	0.118	4.1	123	0.00
63	4,6-Dinitro-2-methylphenol	0.127	0.118	7.1	112	0.00
64	N-Nitrosodiphenylamine	0.516	0.593	-14.9	129	0.00
65	4-Bromophenyl-phenylether	0.232	0.256	-10.3	125	0.00
66	Hexachlorobenzene	0.264	0.280	-6.1	124	0.00
67	Atrazine	0.242	0.254	-5.0	118	0.00
68 C	Pentachlorophenol	0.110	0.085	22.7	104	0.00
69	Phenanthrene	0.972	1.079	-11.0	124	0.00
70 S	Anthracene-d10	0.852	0.951	-11.6	126	0.00
71	Anthracene	0.977	1.100	-12.6	125	0.00
72	Carbazole	0.811	0.954	-17.6	125	0.00
73	Di-n-butylphthalate	1.048	1.165	-11.2	124	0.00
74 C	Fluoranthene	1.148	1.321	-15.1	119	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	114	0.00
76 S	Pyrene-d10	0.832	0.925	-11.2	116	0.00
77	Pyrene	0.983	1.105	-12.4	117	0.00
78	Butylbenzylphthalate	0.382	0.452	-18.3	127	0.00
79	3,3'-Dichlorobenzidine	0.367	0.428	-16.6	116	0.00
80	Benzo(a)anthracene	1.057	1.162	-9.9	116	0.00
81	Bis(2-ethylhexyl)phthalate	0.534	0.645	-20.8#	128	0.00
82	Chrysene	0.994	1.111	-11.8	117	0.00
83 I	Perylene-d12	1.000	1.000	0.0	112	0.00
84	Di-n-octyl phthalate	0.858	1.077	-25.5#	126	0.00
85	Benzo(b)fluoranthene	1.035	1.131	-9.3	116	0.00
86	Benzo(k)fluoranthene	0.971	1.103	-13.6	116	0.00
87 S	Benzo(a)pyrene-d12	0.841	0.942	-12.0	118	0.00

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88 C	Benzo(a)pyrene	0.979	1.099	-12.3	118	0.00
89	Indeno(1,2,3-cd)pyrene	1.240	1.300	-4.8	112	0.00
90	Dibenzo(a,h)anthracene	1.033	1.077	-4.3	109	0.00
91	Benzo(g,h,i)perylene	1.018	1.051	-3.2	109	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0