

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080715\
 Data File : BG018310.D
 Acq On : 7 Aug 2015 13:10
 Operator : UM/TP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02070

Quant Time: Aug 07 23:42:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 23:39:35 2015
 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	56	0.00
2	1,4-Dioxane	8.000	10.319	-29.0#	75	0.00
3 S	1,4-Dioxane-d8	8.000	11.679	-46.0#	86	0.00
4	Benzaldehyde	20.000	29.930	-49.6#	82	0.00
5 S	Phenol-d5	20.000	22.616	-13.1	66	0.00
6	Phenol	20.000	22.123	-10.6	64	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	24.681	-23.4#	71	0.00
8	Bis(2-Chloroethyl)ether	20.000	23.419	-17.1	66	0.00
9 S	2-Chlorophenol-d4	20.000	21.665	-8.3	64	0.00
10	2-Chlorophenol	20.000	21.559	-7.8	62	0.00
11	2-Methylphenol	20.000	21.829	-9.1	65	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	26.524	-32.6#	75	0.00
13 S	4-Methylphenol-d8	20.000	21.962	-9.8	64	0.00
14	Acetophenone	20.000	21.291	-6.5	61	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	23.153	-15.8	67	0.00
16	4-Methylphenol	20.000	21.185	-5.9	62	0.00
17	Hexachloroethane	20.000	22.738	-13.7	65	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	54	0.00
19 S	Nitrobenzene-d5	20.000	20.961	-4.8	62	0.00
20	Nitrobenzene	20.000	24.862	-24.3#	69	0.00
21	Isophorone	20.000	22.932	-14.7	65	0.00
22 S	2-Nitrophenol-d4	20.000	20.838	-4.2	61	0.00
23 C	2-Nitrophenol	20.000	19.832	0.8	58	0.00
24	2,4-Dimethylphenol	20.000	23.403	-17.0	67	0.00
25	Bis(2-Chloroethoxy)methane	20.000	21.734	-8.7	62	0.00
26 S	2,4-Dichlorophenol-d3	20.000	20.585	-2.9	62	0.00
27 C	2,4-Dichlorophenol	20.000	21.135	-5.7	61	0.00
28	Naphthalene	20.000	21.609	-8.0	63	0.00
29 S	4-Chloroaniline-d4	20.000	21.911	-9.6	57	0.00
30	4-Chloroaniline	20.000	20.696	-3.5	56	0.00
31 C	Hexachlorobutadiene	20.000	25.094	-25.5#	71	0.00
32	Caprolactam	20.000	20.448	-2.2	55	0.00
33 C	4-Chloro-3-methylphenol	20.000	19.773	1.1	56	0.00
34	2-Methylnaphthalene	20.000	22.760	-13.8	64	0.00
35	1-Methylnaphthalene	20.000	22.769	-13.8	64	0.00
36 I	Acenaphthene-d10	20.000	20.000	0.0	56	0.00
37	1,2,4,5-Tetrachlorobenzene	20.000	22.616	-13.1	65	0.00
38	Hexachlorocyclopentadiene	20.000	14.835	25.8#	52	0.00
39 C	2,4,6-Trichlorophenol	20.000	20.680	-3.4	59	0.00
40	2,4,5-Trichlorophenol	20.000	21.290	-6.4	61	0.00
41	1,1'-Biphenyl	20.000	22.097	-10.5	64	0.00
42	2-Chloronaphthalene	20.000	22.367	-11.8	65	0.00
43	2-Nitroaniline	20.000	21.717	-8.6	64	0.00
44 S	Dimethylphthalate-d6	20.000	20.862	-4.3	62	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	Dimethylphthalate	20.000	21.579	-7.9	63	0.00
46	2,6-Dinitrotoluene	20.000	18.730	6.3	56	0.00
47 S	Acenaphthylene-d8	20.000	21.606	-8.0	62	0.00
48	Acenaphthylene	20.000	21.439	-7.2	63	0.00
49	3-Nitroaniline	20.000	21.602	-8.0	61	0.00
50 C	Acenaphthene	20.000	21.341	-6.7	63	0.00
51	2,4-Dinitrophenol	20.000	13.656	31.7#	43	0.00
52 S	4-Nitrophenol-d4	20.000	15.037	24.8#	46	0.00
53	4-Nitrophenol	20.000	19.371	3.1	60	0.00
54	Dibenzofuran	20.000	21.603	-8.0	61	0.00
55	2,4-Dinitrotoluene	20.000	20.547	-2.7	59	0.00
56	2,3,4,6-Tetrachlorophenol	20.000	18.921	5.4	57	0.00
57	Diethylphthalate	20.000	22.341	-11.7	65	0.00
58 S	Fluorene-d10	20.000	20.077	-0.4	58	0.00
59	Fluorene	20.000	22.064	-10.3	64	0.00
60	4-Chlorophenyl-phenylether	20.000	22.161	-10.8	65	0.00
61	4-Nitroaniline	20.000	18.914	5.4	54	0.00
62 I	Phenanthrene-d10	20.000	20.000	0.0	51	0.00
63 S	4,6-Dinitro-2-methylphenol-	20.000	20.162	-0.8	54	0.00
64	4,6-Dinitro-2-methylphenol	20.000	21.169	-5.8	59	0.00
65	N-Nitrosodiphenylamine	20.000	21.891	-9.5	60	0.00
66	4-Bromophenyl-phenylether	20.000	22.846	-14.2	63	0.00
67	Hexachlorobenzene	20.000	23.230	-16.2	63	0.00
68	Atrazine	20.000	20.645	-3.2	54	0.00
69 C	Pentachlorophenol	20.000	15.678	21.6	46	0.00
70	Phenanthrene	20.000	19.671	1.6	53	0.00
71 S	Anthracene-d10	20.000	20.226	-1.1	55	0.00
72	Anthracene	20.000	20.966	-4.8	56	0.00
73	1,2,3,4-Tetrachlorobenzene	20.000	23.796	-19.0	67	0.00
74	Pentachlorobenzene	20.000	22.902	-14.5	62	0.00
75	Carbazole	20.000	21.757	-8.8	56	0.00
76	Di-n-butylphthalate	20.000	19.691	1.5	53	0.00
77 C	Fluoranthene	20.000	20.973	-4.9	53	0.00
78 I	Chrysene-d12	20.000	20.000	0.0	54	0.00
79 S	Pyrene-d10	20.000	17.965	10.2	52	0.00
80	Pyrene	20.000	18.712	6.4	54	0.00
81	Butylbenzylphthalate	20.000	20.774	-3.9	59	0.00
82	3,3'-Dichlorobenzidine	20.000	22.657	-13.3	62	0.00
83	Benzo(a)anthracene	20.000	22.404	-12.0	61	0.00
84	Bis(2-ethylhexyl)phthalate	20.000	23.198	-16.0	65	0.00
85	Chrysene	20.000	22.349	-11.7	62	0.00
86 I	Perylene-d12	20.000	20.000	0.0	73	0.00
87	Di-n-octyl phthalate	20.000	19.954	0.2	74	0.00

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88	Benzo(b)fluoranthene	20.000	22.219	-11.1	85	0.00
89	Benzo(k)fluoranthene	20.000	22.319	-11.6	87	0.00
90 S	Benzo(a)pyrene-d12	20.000	22.502	-12.5	89	0.00
91 C	Benzo(a)pyrene	20.000	22.744	-13.7	89	0.00
92	Indeno(1,2,3-cd)pyrene	20.000	20.804	-4.0	79	0.00
93	Dibenzo(a,h)anthracene	20.000	20.767	-3.8	78	0.00
94	Benzo(g,h,i)perylene	20.000	22.296	-11.5	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 1