

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 04:05:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
2	1,4-Dioxane	0.419	0.437	-4.3	136	0.00
3 S	1,4-Dioxane-d8	0.358	0.388	-8.4	128	0.00
4	Benzaldehyde	1.338	1.360	-1.6	107	0.00
5 S	Phenol-d5	2.104	1.985	5.7	109	0.00
6	Phenol	2.155	2.081	3.4	111	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.186	1.181	0.4	112	0.00
8	Bis(2-Chloroethyl)ether	1.473	1.428	3.1	111	0.00
9 S	2-Chlorophenol-d4	1.405	1.297	7.7	108	0.00
10	2-Chlorophenol	1.429	1.354	5.2	110	0.00
11	2-Methylphenol	1.619	1.522	6.0	112	0.00
12	2,2'-oxybis(1-Chloropropane	1.657	1.684	-1.6	115	0.00
13 S	4-Methylphenol-d8	1.634	1.554	4.9	109	0.00
14	Acetophenone	2.639	2.620	0.7	115	0.00
15 P	N-Nitroso-di-n-propylamine	1.586	1.493	5.9	112	0.00
16	4-Methylphenol	1.800	1.715	4.7	112	0.00
17	Hexachloroethane	0.609	0.618	-1.5	113	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
19 S	Nitrobenzene-d5	0.159	0.151	5.0	108	0.00
20	Nitrobenzene	0.490	0.501	-2.2	110	0.00
21	Isophorone	0.875	0.891	-1.8	114	0.00
22 S	2-Nitrophenol-d4	0.192	0.176	8.3	106	0.00
23 C	2-Nitrophenol	0.204	0.203	0.5	109	0.00
24	2,4-Dimethylphenol	0.489	0.498	-1.8	117	0.00
25	Bis(2-Chloroethoxy)methane	0.516	0.513	0.6	114	0.00
26 S	2,4-Dichlorophenol-d3	0.402	0.398	1.0	115	0.00
27 C	2,4-Dichlorophenol	0.404	0.391	3.2	111	0.00
28	Naphthalene	1.023	1.042	-1.9	117	0.00
29 S	4-Chloroaniline-d4	0.341	0.434	-27.3#	156#	0.00
30	4-Chloroaniline	0.348	0.420	-20.7#	146	0.00
31 C	Hexachlorobutadiene	0.311	0.322	-3.5	116	0.00
32	Caprolactam	0.135	0.134	0.7	113	0.00
33 C	4-Chloro-3-methylphenol	0.511	0.489	4.3	112	0.00
34	2-Methylnaphthalene	0.846	0.866	-2.4	116	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	115	0.00
36	1,2,4,5-Tetrachlorobenzene	0.748	0.750	-0.3	115	0.00
37	Hexachlorocyclopentadiene	0.451	0.412	8.6	105	0.00
38 C	2,4,6-Trichlorophenol	0.516	0.505	2.1	114	0.00
39	2,4,5-Trichlorophenol	0.543	0.524	3.5	108	0.00
40	1,1'-Biphenyl	1.521	1.516	0.3	115	0.00
41	2-Chloronaphthalene	1.232	1.214	1.5	112	0.00
42	2-Nitroaniline	0.476	0.490	-2.9	120	0.00
43 S	Dimethylphthalate-d6	1.625	1.583	2.6	110	0.00
44	Dimethylphthalate	1.659	1.625	2.0	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.359	0.348	3.1	112	0.00
46 S	Acenaphthylene-d8	1.862	1.870	-0.4	115	0.00
47	Acenaphthylene	1.875	1.869	0.3	113	0.00
48	3-Nitroaniline	0.281	0.310	-10.3	128	0.00
49 C	Acenaphthene	1.274	1.243	2.4	112	0.00
50	2,4-Dinitrophenol	0.200	0.173	13.5	118	0.00
51 S	4-Nitrophenol-d4	0.255	0.261	-2.4	118	0.00
52	4-Nitrophenol	0.324	0.326	-0.6	114	0.00
53	Dibenzofuran	1.968	1.948	1.0	115	0.00
54	2,4-Dinitrotoluene	0.519	0.505	2.7	116	0.00
55	2,3,4,6-Tetrachlorophenol	0.552	0.526	4.7	106	0.00
56	Diethylphthalate	1.686	1.675	0.7	112	0.00
57 S	Fluorene-d10	1.539	1.546	-0.5	115	0.00
58	Fluorene	1.581	1.553	1.8	113	0.00
59	4-Chlorophenyl-phenylether	0.947	0.914	3.5	113	0.00
60	4-Nitroaniline	0.337	0.337	0.0	110	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.129	0.130	-0.8	117	0.00
63	4,6-Dinitro-2-methylphenol	0.136	0.136	0.0	115	0.00
64	N-Nitrosodiphenylamine	0.589	0.602	-2.2	111	0.00
65	4-Bromophenyl-phenylether	0.268	0.270	-0.7	111	0.00
66	Hexachlorobenzene	0.283	0.287	-1.4	111	0.00
67	Atrazine	0.246	0.262	-6.5	112	0.00
68 C	Pentachlorophenol	0.163	0.163	0.0	115	0.00
69	Phenanthrene	1.023	1.063	-3.9	110	0.00
70 S	Anthracene-d10	0.930	0.962	-3.4	112	0.00
71	Anthracene	1.051	1.094	-4.1	109	0.00
72	Carbazole	0.778	0.881	-13.2	108	0.00
73	Di-n-butylphthalate	0.999	1.086	-8.7	112	0.00
74 C	Fluoranthene	1.066	1.261	-18.3	107	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	106	0.00
76 S	Pyrene-d10	0.955	0.996	-4.3	107	0.00
77	Pyrene	1.120	1.160	-3.6	107	0.00
78	Butylbenzylphthalate	0.434	0.481	-10.8	116	0.00
79	3,3'-Dichlorobenzidine	0.379	0.447	-17.9	119	0.00
80	Benzo(a)anthracene	1.173	1.223	-4.3	106	0.00
81	Bis(2-ethylhexyl)phthalate	0.560	0.643	-14.8	122	0.00
82	Chrysene	1.068	1.118	-4.7	108	0.00
83 I	Perylene-d12	1.000	1.000	0.0	111	0.01
84	Di-n-octyl phthalate	0.881	1.068	-21.2#	121	0.00
85	Benzo(b)fluoranthene	1.250	1.259	-0.7	111	0.00
86	Benzo(k)fluoranthene	1.174	1.181	-0.6	107	0.00
87 S	Benzo(a)pyrene-d12	0.950	0.960	-1.1	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88 C	Benzo(a)pyrene	1.187	1.188	-0.1	109	0.01
89	Indeno(1,2,3-cd)pyrene	1.255	1.334	-6.3	115	0.02
90	Dibenzo(a,h)anthracene	1.038	1.089	-4.9	111	0.02
91	Benzo(a,h,i)perylene	0.984	1.116	-13.4	123	0.02

(#) = Out of Range

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