

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081116\
 Data File : BG023621.D
 Acq On : 11 Aug 2016 9:31
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02026

Quant Time: Aug 12 03:41:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	149	-0.01
2	1,4-Dioxane	0.494	0.458	7.3	121	-0.01
3 S	1,4-Dioxane-d8	0.470	0.421	10.4	119	0.00
4	Benzaldehyde	1.228	1.432	-16.6	152#	-0.02
5 S	Phenol-d5	2.015	2.037	-1.1	141	-0.02
6	Phenol	2.098	2.112	-0.7	142	-0.02
7 S	Bis-(2-Chloroethyl)ether-d8	1.291	1.339	-3.7	148	-0.02
8	Bis(2-Chloroethyl)ether	1.523	1.579	-3.7	145	-0.02
9 S	2-Chlorophenol-d4	1.374	1.452	-5.7	148	-0.02
10	2-Chlorophenol	1.400	1.438	-2.7	145	-0.02
11	2-Methylphenol	1.580	1.603	-1.5	145	-0.02
12	2,2'-oxybis(1-Chloropropane	2.084	2.201	-5.6	148	-0.01
13 S	4-Methylphenol-d8	1.573	1.617	-2.8	148	-0.02
14	Acetophenone	2.523	2.544	-0.8	138	-0.02
15 P	N-Nitroso-di-n-propylamine	1.518	1.547	-1.9	142	-0.02
16	4-Methylphenol	1.771	1.756	0.8	140	-0.02
17	Hexachloroethane	0.604	0.616	-2.0	148	-0.01
18 I	Naphthalene-d8	1.000	1.000	0.0	149	-0.01
19 S	Nitrobenzene-d5	0.158	0.166	-5.1	147	-0.02
20	Nitrobenzene	0.462	0.470	-1.7	142	-0.02
21	Isophorone	0.850	0.875	-2.9	140	-0.02
22 S	2-Nitrophenol-d4	0.181	0.199	-9.9	152#	-0.02
23 C	2-Nitrophenol	0.195	0.204	-4.6	151#	-0.02
24	2,4-Dimethylphenol	0.429	0.432	-0.7	140	-0.02
25	Bis(2-Chloroethoxy)methane	0.490	0.501	-2.2	143	-0.01
26 S	2,4-Dichlorophenol-d3	0.342	0.368	-7.6	149	-0.01
27 C	2,4-Dichlorophenol	0.344	0.357	-3.8	144	-0.02
28	Naphthalene	1.015	1.072	-5.6	145	-0.02
29 S	4-Chloroaniline-d4	0.401	0.450	-12.2	143	-0.02
30	4-Chloroaniline	0.398	0.437	-9.8	143	-0.02
31 C	Hexachlorobutadiene	0.229	0.249	-8.7	155#	-0.02
32	Caprolactam	0.143	0.134	6.3	127	-0.02
33 C	4-Chloro-3-methylphenol	0.443	0.438	1.1	138	-0.01
34	2-Methylnaphthalene	0.823	0.839	-1.9	140	-0.01
35 I	Acenaphthene-d10	1.000	1.000	0.0	132	0.00
36	1,2,4,5-Tetrachlorobenzene	0.614	0.706	-15.0	142	-0.01
37	Hexachlorocyclopentadiene	0.340	0.289	15.0	114	-0.01
38 C	2,4,6-Trichlorophenol	0.425	0.461	-8.5	133	0.00
39	2,4,5-Trichlorophenol	0.456	0.487	-6.8	135	-0.01
40	1,1'-Biphenyl	1.470	1.619	-10.1	137	-0.01
41	2-Chloronaphthalene	1.143	1.252	-9.5	137	-0.01
42	2-Nitroaniline	0.467	0.497	-6.4	129	-0.01
43 S	Dimethylphthalate-d6	1.638	1.652	-0.9	125	-0.01
44	Dimethylphthalate	1.622	1.611	0.7	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.352	0.362	-2.8	124	0.00
46 S	Acenaphthylene-d8	1.843	1.964	-6.6	131	-0.01
47	Acenaphthylene	1.928	2.057	-6.7	131	-0.01
48	3-Nitroaniline	0.331	0.368	-11.2	136	-0.01
49 C	Acenaphthene	1.313	1.371	-4.4	129	-0.01
50	2,4-Dinitrophenol	0.217	0.168	22.6#	106	0.00
51 S	4-Nitrophenol-d4	0.280	0.270	3.6	125	0.00
52	4-Nitrophenol	0.280	0.264	5.7	116	-0.01
53	Dibenzofuran	1.946	2.008	-3.2	128	0.00
54	2,4-Dinitrotoluene	0.533	0.535	-0.4	122	0.00
55	2,3,4,6-Tetrachlorophenol	0.468	0.456	2.6	120	0.00
56	Diethylphthalate	1.695	1.646	2.9	118	0.00
57 S	Fluorene-d10	1.513	1.515	-0.1	124	-0.01
58	Fluorene	1.621	1.628	-0.4	124	0.00
59	4-Chlorophenyl-phenylether	0.815	0.832	-2.1	126	-0.01
60	4-Nitroaniline	0.383	0.394	-2.9	124	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	117	-0.01
62 S	4,6-Dinitro-2-methylphenol-	0.128	0.120	6.3	107	0.00
63	4,6-Dinitro-2-methylphenol	0.135	0.127	5.9	106	0.00
64	N-Nitrosodiphenylamine	0.559	0.626	-12.0	120	-0.01
65	4-Bromophenyl-phenylether	0.229	0.249	-8.7	120	0.00
66	Hexachlorobenzene	0.244	0.263	-7.8	122	0.00
67	Atrazine	0.231	0.246	-6.5	112	0.00
68 C	Pentachlorophenol	0.135	0.127	5.9	110	0.00
69	Phenanthrene	1.036	1.092	-5.4	112	0.00
70 S	Anthracene-d10	0.901	0.939	-4.2	113	-0.01
71	Anthracene	1.057	1.126	-6.5	113	-0.01
72	Carbazole	0.852	0.967	-13.5	109	0.00
73	Di-n-butylphthalate	1.067	1.152	-8.0	112	0.00
74 C	Fluoranthene	1.060	1.189	-12.2	104	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	105	0.00
76 S	Pyrene-d10	1.012	1.061	-4.8	105	0.00
77	Pyrene	1.236	1.300	-5.2	102	0.00
78	Butylbenzylphthalate	0.474	0.550	-16.0	114	0.00
79	3,3'-Dichlorobenzidine	0.352	0.431	-22.4#	118	0.00
80	Benzo(a)anthracene	1.126	1.197	-6.3	103	0.00
81	Bis(2-ethylhexyl)phthalate	0.631	0.745	-18.1	114	0.00
82	Chrysene	1.024	1.086	-6.1	105	0.00
83 I	Perylene-d12	1.000	1.000	0.0	111	0.00
84	Di-n-octyl phthalate	1.010	1.233	-22.1#	116	0.00
85	Benzo(b)fluoranthene	1.138	1.172	-3.0	105	0.00
86	Benzo(k)fluoranthene	1.120	1.140	-1.8	107	0.00
87 S	Benzo(a)pyrene-d12	0.905	0.919	-1.5	106	0.00

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88 C	Benzo(a)pyrene	1.098	1.127	-2.6	105	-0.01
89	Indeno(1,2,3-cd)pyrene	1.291	1.335	-3.4	109	0.00
90	Dibenzo(a,h)anthracene	1.101	1.139	-3.5	108	0.00
91	Benzo(g,h,i)perylene	1.070	1.118	-4.5	110	0.01

(#) = Out of Range

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