

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023455.D
 Acq On : 4 Aug 2016 17:08
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02007

Quant Time: Aug 04 17:46:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 04 17:27:34 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	106	-0.02
2	1,4-Dioxane	0.494	0.560	-13.4	105	-0.02
3 S	1,4-Dioxane-d8	0.470	0.468	0.4	94	-0.02
4	Benzaldehyde	1.228	1.431	-16.5	108	-0.02
5 S	Phenol-d5	2.015	2.104	-4.4	103	-0.02
6	Phenol	2.098	2.223	-6.0	106	-0.02
7 S	Bis-(2-Chloroethyl)ether-d8	1.291	1.383	-7.1	108	-0.02
8	Bis(2-Chloroethyl)ether	1.523	1.600	-5.1	104	-0.02
9 S	2-Chlorophenol-d4	1.374	1.437	-4.6	104	-0.02
10	2-Chlorophenol	1.400	1.444	-3.1	103	-0.02
11	2-Methylphenol	1.580	1.633	-3.4	105	-0.02
12	2,2'-oxybis(1-Chloropropane	2.084	2.264	-8.6	108	-0.03
13 S	4-Methylphenol-d8	1.573	1.647	-4.7	107	-0.02
14	Acetophenone	2.523	2.764	-9.6	106	-0.02
15 P	N-Nitroso-di-n-propylamine	1.518	1.620	-6.7	105	-0.02
16	4-Methylphenol	1.771	1.849	-4.4	105	-0.02
17	Hexachloroethane	0.604	0.592	2.0	100	-0.02
18 I	Naphthalene-d8	1.000	1.000	0.0	105	-0.03
19 S	Nitrobenzene-d5	0.158	0.158	0.0	98	-0.03
20	Nitrobenzene	0.462	0.494	-6.9	105	-0.03
21	Isophorone	0.850	0.932	-9.6	105	-0.02
22 S	2-Nitrophenol-d4	0.181	0.196	-8.3	105	-0.03
23 C	2-Nitrophenol	0.195	0.206	-5.6	107	-0.03
24	2,4-Dimethylphenol	0.429	0.465	-8.4	106	-0.02
25	Bis(2-Chloroethoxy)methane	0.490	0.520	-6.1	104	-0.03
26 S	2,4-Dichlorophenol-d3	0.342	0.379	-10.8	108	-0.03
27 C	2,4-Dichlorophenol	0.344	0.373	-8.4	106	-0.02
28	Naphthalene	1.015	1.077	-6.1	103	-0.03
29 S	4-Chloroaniline-d4	0.401	0.469	-17.0	105	-0.03
30	4-Chloroaniline	0.398	0.464	-16.6	107	-0.03
31 C	Hexachlorobutadiene	0.229	0.246	-7.4	107	-0.03
32	Caprolactam	0.143	0.153	-7.0	102	-0.03
33 C	4-Chloro-3-methylphenol	0.443	0.485	-9.5	108	-0.02
34	2-Methylnaphthalene	0.823	0.875	-6.3	103	-0.03
35 I	Acenaphthene-d10	1.000	1.000	0.0	103	-0.02
36	1,2,4,5-Tetrachlorobenzene	0.614	0.653	-6.4	103	-0.03
37	Hexachlorocyclopentadiene	0.340	0.358	-5.3	111	-0.02
38 C	2,4,6-Trichlorophenol	0.425	0.448	-5.4	101	-0.03
39	2,4,5-Trichlorophenol	0.456	0.491	-7.7	107	-0.02
40	1,1'-Biphenyl	1.470	1.573	-7.0	104	-0.03
41	2-Chloronaphthalene	1.143	1.230	-7.6	105	-0.02
42	2-Nitroaniline	0.467	0.517	-10.7	106	-0.03
43 S	Dimethylphthalate-d6	1.638	1.756	-7.2	104	-0.03
44	Dimethylphthalate	1.622	1.763	-8.7	104	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.352	0.370	-5.1	99	-0.02
46 S	Acenaphthylene-d8	1.843	1.985	-7.7	104	-0.03
47	Acenaphthylene	1.928	2.080	-7.9	104	-0.03
48	3-Nitroaniline	0.331	0.367	-10.9	106	-0.02
49 C	Acenaphthene	1.313	1.384	-5.4	102	-0.03
50	2,4-Dinitrophenol	0.217	0.231	-6.5	114	-0.02
51 S	4-Nitrophenol-d4	0.280	0.303	-8.2	110	-0.02
52	4-Nitrophenol	0.280	0.305	-8.9	105	-0.02
53	Dibenzofuran	1.946	2.099	-7.9	104	-0.03
54	2,4-Dinitrotoluene	0.533	0.583	-9.4	104	-0.03
55	2,3,4,6-Tetrachlorophenol	0.468	0.507	-8.3	105	-0.03
56	Diethylphthalate	1.695	1.843	-8.7	104	-0.03
57 S	Fluorene-d10	1.513	1.603	-5.9	103	-0.03
58	Fluorene	1.621	1.733	-6.9	103	-0.03
59	4-Chlorophenyl-phenylether	0.815	0.873	-7.1	104	-0.03
60	4-Nitroaniline	0.383	0.440	-14.9	108	-0.02
61 I	Phenanthrene-d10	1.000	1.000	0.0	104	-0.03
62 S	4,6-Dinitro-2-methylphenol-	0.128	0.136	-6.3	108	-0.02
63	4,6-Dinitro-2-methylphenol	0.135	0.142	-5.2	106	-0.02
64	N-Nitrosodiphenylamine	0.559	0.592	-5.9	101	-0.03
65	4-Bromophenyl-phenylether	0.229	0.237	-3.5	102	-0.03
66	Hexachlorobenzene	0.244	0.259	-6.1	107	-0.03
67	Atrazine	0.231	0.251	-8.7	102	-0.02
68 C	Pentachlorophenol	0.135	0.144	-6.7	111	-0.02
69	Phenanthrene	1.036	1.109	-7.0	101	-0.03
70 S	Anthracene-d10	0.901	0.958	-6.3	103	-0.03
71	Anthracene	1.057	1.148	-8.6	103	-0.03
72	Carbazole	0.852	1.005	-18.0	101	-0.03
73	Di-n-butylphthalate	1.067	1.180	-10.6	102	-0.03
74 C	Fluoranthene	1.060	1.327	-25.2#	104	-0.03
75 I	Chrysene-d12	1.000	1.000	0.0	101	-0.04
76 S	Pyrene-d10	1.012	1.091	-7.8	103	-0.03
77	Pyrene	1.236	1.338	-8.3	101	-0.03
78	Butylbenzylphthalate	0.474	0.519	-9.5	103	-0.03
79	3,3'-Dichlorobenzidine	0.352	0.395	-12.2	103	-0.04
80	Benzo(a)anthracene	1.126	1.211	-7.5	100	-0.04
81	Bis(2-ethylhexyl)phthalate	0.631	0.687	-8.9	100	-0.04
82	Chrysene	1.024	1.095	-6.9	102	-0.04
83 I	Perylene-d12	1.000	1.000	0.0	100	-0.07
84	Di-n-octyl phthalate	1.010	1.202	-19.0	102	-0.05
85	Benzo(b)fluoranthene	1.138	1.257	-10.5	101	-0.05
86	Benzo(k)fluoranthene	1.120	1.205	-7.6	102	-0.05
87 S	Benzo(a)pyrene-d12	0.905	0.978	-8.1	102	-0.06

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88 C	Benzo(a)pyrene	1.098	1.181	-7.6	99	-0.07
89	Indeno(1,2,3-cd)pyrene	1.291	1.364	-5.7	100	-0.10
90	Dibenzo(a,h)anthracene	1.101	1.185	-7.6	101	-0.11
91	Benzo(a,h,i)perylene	1.070	1.141	-6.6	101	-0.12

(#) = Out of Range

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