

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022084.D
 Acq On : 26 May 2016 17:03
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02019

Quant Time: May 27 05:48:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 04:32:27 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	107	0.00
2	1,4-Dioxane	0.696	0.672	3.4	107	0.00
3 S	1,4-Dioxane-d8	0.384	0.354	7.8	102	0.00
4	Benzaldehyde	0.996	0.680	31.7#	66	0.00
5 S	Phenol-d5	1.807	1.694	6.3	103	0.00
6	Phenol	1.820	1.700	6.6	99	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.947	0.874	7.7	99	0.00
8	Bis(2-Chloroethyl)ether	1.330	1.277	4.0	103	0.00
9 S	2-Chlorophenol-d4	1.511	1.471	2.6	104	0.00
10	2-Chlorophenol	1.489	1.466	1.5	104	0.00
11	2-Methylphenol	1.454	1.383	4.9	102	0.00
12	2,2'-oxybis(1-Chloropropane	1.589	1.496	5.9	98	0.00
13 S	4-Methylphenol-d8	1.533	1.487	3.0	103	0.00
14	Acetophenone	2.144	2.131	0.6	105	0.00
15 P	N-Nitroso-di-n-propylamine	1.107	1.105	0.2	105	0.00
16	4-Methylphenol	1.567	1.535	2.0	104	0.00
17	Hexachloroethane	0.594	0.548	7.7	98	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
19 S	Nitrobenzene-d5	0.148	0.148	0.0	109	0.00
20	Nitrobenzene	0.299	0.289	3.3	104	0.00
21	Isophorone	0.636	0.612	3.8	102	0.00
22 S	2-Nitrophenol-d4	0.160	0.162	-1.3	109	0.00
23 C	2-Nitrophenol	0.167	0.172	-3.0	110	0.00
24	2,4-Dimethylphenol	0.322	0.315	2.2	104	0.00
25	Bis(2-Chloroethoxy)methane	0.365	0.361	1.1	104	0.00
26 S	2,4-Dichlorophenol-d3	0.282	0.290	-2.8	108	0.00
27 C	2,4-Dichlorophenol	0.277	0.282	-1.8	111	0.00
28	Naphthalene	1.014	0.984	3.0	105	0.00
29 S	4-Chloroaniline-d4	0.307	0.333	-8.5	115	0.00
30	4-Chloroaniline	0.309	0.330	-6.8	111	0.00
31 C	Hexachlorobutadiene	0.163	0.158	3.1	104	0.00
32	Caprolactam	0.111	0.118	-6.3	115	0.00
33 C	4-Chloro-3-methylphenol	0.295	0.301	-2.0	109	0.00
34	2-Methylnaphthalene	0.725	0.713	1.7	106	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	122	0.00
36	1,2,4,5-Tetrachlorobenzene	0.593	0.539	9.1	109	0.00
37	Hexachlorocyclopentadiene	0.256	0.222	13.3	120	0.00
38 C	2,4,6-Trichlorophenol	0.401	0.375	6.5	112	0.00
39	2,4,5-Trichlorophenol	0.425	0.395	7.1	115	0.00
40	1,1'-Biphenyl	1.647	1.532	7.0	110	0.00
41	2-Chloronaphthalene	1.265	1.183	6.5	111	0.00
42	2-Nitroaniline	0.285	0.275	3.5	112	0.00
43 S	Dimethylphthalate-d6	1.502	1.447	3.7	115	0.00
44	Dimethylphthalate	1.510	1.455	3.6	115	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.324	0.329	-1.5	120	0.00
46 S	Acenaphthylene-d8	2.098	1.983	5.5	112	0.00
47	Acenaphthylene	2.137	2.005	6.2	113	0.00
48	3-Nitroaniline	0.310	0.271	12.6	113	0.00
49 C	Acenaphthene	1.476	1.371	7.1	110	0.00
50	2,4-Dinitrophenol	0.125	0.119	4.8	146	0.00
51 S	4-Nitrophenol-d4	0.259	0.258	0.4	131	0.00
52	4-Nitrophenol	0.146	0.144	1.4	128	0.00
53	Dibenzofuran	1.825	1.788	2.0	116	0.00
54	2,4-Dinitrotoluene	0.437	0.446	-2.1	119	0.00
55	2,3,4,6-Tetrachlorophenol	0.336	0.325	3.3	114	0.00
56	Diethylphthalate	1.566	1.531	2.2	116	0.00
57 S	Fluorene-d10	1.407	1.377	2.1	116	0.00
58	Fluorene	1.541	1.485	3.6	115	0.00
59	4-Chlorophenyl-phenylether	0.694	0.681	1.9	116	0.00
60	4-Nitroaniline	0.341	0.274	19.6	93	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	131	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.105	0.102	2.9	132	0.00
63	4,6-Dinitro-2-methylphenol	0.108	0.102	5.6	138	0.00
64	N-Nitrosodiphenylamine	0.632	0.580	8.2	115	0.00
65	4-Bromophenyl-phenylether	0.202	0.192	5.0	121	0.00
66	Hexachlorobenzene	0.235	0.218	7.2	126	0.00
67	Atrazine	0.218	0.209	4.1	121	0.00
68 C	Pentachlorophenol	0.122	0.091	25.4#	101	0.00
69	Phenanthrene	1.112	1.052	5.4	120	0.00
70 S	Anthracene-d10	0.960	0.908	5.4	122	0.00
71	Anthracene	1.127	1.054	6.5	117	0.00
72	Carbazole	0.977	0.936	4.2	125	0.00
73	Di-n-butylphthalate	1.309	1.246	4.8	120	0.00
74 C	Fluoranthene	1.137	1.086	4.5	122	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	144	0.00
76 S	Pyrene-d10	1.128	1.034	8.3	123	0.00
77	Pyrene	1.407	1.296	7.9	123	0.00
78	Butylbenzylphthalate	0.667	0.612	8.2	125	0.00
79	3,3'-Dichlorobenzidine	0.376	0.339	9.8	122	0.00
80	Benzo(a)anthracene	1.173	1.078	8.1	126	0.00
81	Bis(2-ethylhexyl)phthalate	0.949	0.854	10.0	124	0.00
82	Chrysene	1.125	0.973	13.5	122	0.00
83 I	Perylene-d12	1.000	1.000	0.0	142	0.00
84	Di-n-octyl phthalate	1.630	1.482	9.1	124	0.00
85	Benzo(b)fluoranthene	1.170	1.093	6.6	130	0.00
86	Benzo(k)fluoranthene	1.139	0.982	13.8	124	0.00
87 S	Benzo(a)pyrene-d12	0.928	0.859	7.4	129	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88 C	Benzo(a)pyrene	1.129	1.019	9.7	127	0.00
89	Indeno(1,2,3-cd)pyrene	1.295	1.198	7.5	133	0.00
90	Dibenzo(a,h)anthracene	1.083	0.969	10.5	126	0.00
91	Benzo(a,h,i)perylene	1.037	0.984	5.1	140	0.00

(#) = Out of Range

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