

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018186.D
 Acq On : 31 Jul 2015 17:22
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02052

Quant Time: Jul 31 18:02:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 17:55:45 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.02
2	1,4-Dioxane	0.305	0.274	10.2	81	0.03
3 S	1,4-Dioxane-d8	0.265	0.257	3.0	98	0.03
4	Benzaldehyde	0.972	1.013	-4.2	100	0.02
5 S	Phenol-d5	1.798	1.778	1.1	104	0.01
6	Phenol	1.826	1.802	1.3	105	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.919	0.908	1.2	101	0.02
8	Bis(2-Chloroethyl)ether	1.322	1.364	-3.2	104	0.02
9 S	2-Chlorophenol-d4	1.358	1.334	1.8	101	0.01
10	2-Chlorophenol	1.315	1.367	-4.0	108	0.02
11	2-Methylphenol	1.441	1.417	1.7	104	0.00
12	2,2'-oxybis(1-Chloropropane	1.163	1.155	0.7	100	0.02
13 S	4-Methylphenol-d8	1.465	1.422	2.9	99	0.00
14	Acetophenone	2.279	2.305	-1.1	104	0.02
15 P	N-Nitroso-di-n-propylamine	1.293	1.286	0.5	101	0.02
16	4-Methylphenol	1.595	1.574	1.3	101	0.00
17	Hexachloroethane	0.611	0.603	1.3	104	0.02
18 I	Naphthalene-d8	1.000	1.000	0.0	104	0.02
19 S	Nitrobenzene-d5	0.158	0.156	1.3	100	0.02
20	Nitrobenzene	0.377	0.368	2.4	101	0.02
21	Isophorone	0.779	0.767	1.5	101	0.01
22 S	2-Nitrophenol-d4	0.181	0.177	2.2	106	0.02
23 C	2-Nitrophenol	0.184	0.183	0.5	105	0.02
24	2,4-Dimethylphenol	0.397	0.389	2.0	101	0.00
25	Bis(2-Chloroethoxy)methane	0.403	0.394	2.2	104	0.02
26 S	2,4-Dichlorophenol-d3	0.320	0.311	2.8	102	0.01
27 C	2,4-Dichlorophenol	0.310	0.306	1.3	105	0.01
28	Naphthalene	0.963	0.944	2.0	102	0.02
29 S	4-Chloroaniline-d4	0.398	0.417	-4.8	104	0.02
30	4-Chloroaniline	0.402	0.423	-5.2	105	0.02
31 C	Hexachlorobutadiene	0.216	0.210	2.8	105	0.02
32	Caprolactam	0.152	0.151	0.7	100	0.00
33 C	4-Chloro-3-methylphenol	0.396	0.394	0.5	104	0.00
34	2-Methylnaphthalene	0.762	0.741	2.8	100	0.02
35	1-Methylnaphthalene	0.731	0.722	1.2	102	0.02
36 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.01
37	1,2,4,5-Tetrachlorobenzene	0.561	0.553	1.4	102	0.01
38	Hexachlorocyclopentadiene	0.287	0.244	15.0	110	0.02
39 C	2,4,6-Trichlorophenol	0.378	0.357	5.6	100	0.00
40	2,4,5-Trichlorophenol	0.409	0.390	4.6	97	0.00
41	1,1'-Biphenyl	1.429	1.418	0.8	103	0.02
42	2-Chloronaphthalene	1.080	1.069	1.0	102	0.01
43	2-Nitroaniline	0.372	0.365	1.9	102	0.02
44 S	Dimethylphthalate-d6	1.545	1.548	-0.2	102	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.538	1.512	1.7	101	0.01
46	2,6-Dinitrotoluene	0.353	0.353	0.0	104	0.01
47 S	Acenaphthylene-d8	1.792	1.777	0.8	101	0.01
48	Acenaphthylene	1.780	1.792	-0.7	102	0.01
49	3-Nitroaniline	0.311	0.312	-0.3	103	0.01
50 C	Acenaphthene	1.159	1.155	0.3	101	0.01
51	2,4-Dinitrophenol	0.209	0.187	10.5	107	0.00
52 S	4-Nitrophenol-d4	0.286	0.287	-0.3	103	0.00
53	4-Nitrophenol	0.289	0.285	1.4	105	0.00
54	Dibenzofuran	1.746	1.732	0.8	101	0.01
55	2,4-Dinitrotoluene	0.512	0.512	0.0	103	0.01
56	2,3,4,6-Tetrachlorophenol	0.403	0.391	3.0	102	0.00
57	Diethylphthalate	1.593	1.599	-0.4	102	0.02
58 S	Fluorene-d10	1.399	1.382	1.2	103	0.02
59	Fluorene	1.507	1.503	0.3	101	0.01
60	4-Chlorophenyl-phenylether	0.813	0.804	1.1	104	0.01
61	4-Nitroaniline	0.349	0.368	-5.4	103	0.01
62 I	Phenanthrene-d10	1.000	1.000	0.0	104	0.01
63 S	4,6-Dinitro-2-methylphenol-	0.140	0.132	5.7	102	0.00
64	4,6-Dinitro-2-methylphenol	0.148	0.138	6.8	100	0.00
65	N-Nitrosodiphenylamine	0.518	0.511	1.4	102	0.01
66	4-Bromophenyl-phenylether	0.212	0.212	0.0	105	0.02
67	Hexachlorobenzene	0.256	0.250	2.3	105	0.01
68	Atrazine	0.228	0.228	0.0	102	0.01
69 C	Pentachlorophenol	0.140	0.126	10.0	104	0.00
70	Phenanthrene	1.016	0.992	2.4	102	0.02
71 S	Anthracene-d10	0.870	0.873	-0.3	104	0.01
72	Anthracene	1.011	0.995	1.6	100	0.01
73	1,2,3,4-Tetrachlorobenzene	0.226	0.218	3.5	103	0.01
74	Pentachlorobenzene	0.253	0.246	2.8	100	0.02
75	Carbazole	0.840	0.873	-3.9	100	0.01
76	Di-n-butylphthalate	1.117	1.130	-1.2	104	0.02
77 C	Fluoranthene	1.116	1.198	-7.3	103	0.01
78 I	Chrysene-d12	1.000	1.000	0.0	106	0.00
79 S	Pyrene-d10	0.968	0.945	2.4	101	0.01
80	Pyrene	1.213	1.235	-1.8	105	0.01
81	Butylbenzylphthalate	0.493	0.480	2.6	103	0.02
82	3,3'-Dichlorobenzidine	0.422	0.419	0.7	105	0.01
83	Benzo(a)anthracene	1.077	1.077	0.0	106	0.01
84	Bis(2-ethylhexyl)phthalate	0.665	0.650	2.3	105	0.01
85	Chrysene	0.987	0.988	-0.1	106	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.01
87	Di-n-octyl phthalate	1.056	1.107	-4.8	106	0.01

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88	Benzo(b)fluoranthene	1.201	1.205	-0.3	106	0.01
89	Benzo(k)fluoranthene	1.104	1.098	0.5	106	0.01
90 S	Benzo(a)pyrene-d12	1.011	1.019	-0.8	108	0.01
91 C	Benzo(a)pyrene	1.075	1.078	-0.3	107	0.01
92	Indeno(1,2,3-cd)pyrene	1.244	1.240	0.3	108	0.02
93	Dibenzo(a,h)anthracene	1.065	1.052	1.2	107	0.02
94	Benzo(g,h,i)perylene	1.016	1.008	0.8	106	0.02

(#) = Out of Range

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