

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031418\
 Data File : BM014570.D
 Acq On : 14 Mar 2018 14:09
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02043

Quant Time: Mar 14 19:06:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	113	0.00
2	1,4-Dioxane	8.000	6.675	16.6	98	0.00
3 S	1,4-Dioxane-d8	8.000	7.050	11.9	106	0.00
4	Benzaldehyde	20.000	22.954	-14.8	112	0.00
5 S	Phenol-d5	20.000	18.501	7.5	112	0.00
6	Phenol	20.000	17.510	12.4	107	0.01
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	18.491	7.5	107	0.00
8	Bis(2-Chloroethyl)ether	20.000	19.258	3.7	112	0.00
9 S	2-Chlorophenol-d4	20.000	19.350	3.2	109	0.00
10	2-Chlorophenol	20.000	18.936	5.3	115	0.00
11	2-Methylphenol	20.000	17.986	10.1	110	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	18.697	6.5	113	0.00
13 S	4-Methylphenol-d8	20.000	18.281	8.6	111	0.00
14	Acetophenone	20.000	17.145	14.3	108	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	20.094	-0.5	121	0.00
16	4-Methylphenol	20.000	18.413	7.9	113	0.01
17	Hexachloroethane	20.000	18.261	8.7	106	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
19 S	Nitrobenzene-d5	20.000	19.562	2.2	109	0.00
20	Nitrobenzene	20.000	19.426	2.9	110	0.00
21	Isophorone	20.000	20.345	-1.7	115	0.00
22 S	2-Nitrophenol-d4	20.000	21.151	-5.8	113	0.00
23 C	2-Nitrophenol	20.000	21.171	-5.9	117	0.00
24	2,4-Dimethylphenol	20.000	19.604	2.0	113	0.00
25	Bis(2-Chloroethoxy)methane	20.000	19.742	1.3	110	0.00
26 S	2,4-Dichlorophenol-d3	20.000	20.228	-1.1	111	0.00
27 C	2,4-Dichlorophenol	20.000	19.603	2.0	114	0.00
28	Naphthalene	20.000	19.004	5.0	108	0.00
29 S	4-Chloroaniline-d4	20.000	22.312	-11.6	117	0.00
30	4-Chloroaniline	20.000	22.084	-10.4	115	0.00
31 C	Hexachlorobutadiene	20.000	18.619	6.9	108	0.00
32	Caprolactam	20.000	21.251	-6.3	120	-0.01
33 C	4-Chloro-3-methylphenol	20.000	20.310	-1.5	114	0.00
34	2-Methylnaphthalene	20.000	18.077	9.6	102	0.00
35 I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
36	1,2,4,5-Tetrachlorobenzene	20.000	20.402	-2.0	107	0.00
37	Hexachlorocyclopentadiene	20.000	11.348	43.3#	68	0.00
38 C	2,4,6-Trichlorophenol	20.000	20.744	-3.7	108	0.00
39	2,4,5-Trichlorophenol	20.000	20.098	-0.5	97	0.00
40	1,1'-Biphenyl	20.000	19.926	0.4	101	0.00
41	2-Chloronaphthalene	20.000	19.911	0.4	101	0.00
42	2-Nitroaniline	20.000	21.573	-7.9	109	0.00
43 S	Dimethylphthalate-d6	20.000	20.179	-0.9	104	0.00
44	Dimethylphthalate	20.000	19.801	1.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	20.000	20.912	-4.6	107	0.00
46 S	Acenaphthylene-d8	20.000	19.343	3.3	100	0.00
47	Acenaphthylene	20.000	18.975	5.1	97	0.00
48	3-Nitroaniline	20.000	21.389	-6.9	123	0.00
49 C	Acenaphthene	20.000	18.276	8.6	95	0.00
50	2,4-Dinitrophenol	20.000	11.913	40.4#	84	0.01
51 S	4-Nitrophenol-d4	20.000	23.123	-15.6	146	0.00
52	4-Nitrophenol	20.000	19.737	1.3	116	0.02
53	Dibenzofuran	20.000	17.703	11.5	92	0.00
54	2,4-Dinitrotoluene	20.000	19.483	2.6	99	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	16.793	16.0	87	0.00
56	Diethylphthalate	20.000	19.162	4.2	99	0.00
57 S	Fluorene-d10	20.000	17.714	11.4	92	0.00
58	Fluorene	20.000	17.036	14.8	89	0.00
59	4-Chlorophenyl-phenylether	20.000	17.048	14.8	89	0.00
60	4-Nitroaniline	20.000	16.578	17.1	102	0.00
61 I	Phenanthrene-d10	20.000	20.000	0.0	90	0.00
62 S	4,6-Dinitro-2-methylphenol-	20.000	16.138	19.3	84	0.00
63	4,6-Dinitro-2-methylphenol	20.000	15.772	21.1#	80	0.00
64	N-Nitrosodiphenylamine	20.000	19.449	2.8	91	0.00
65	4-Bromophenyl-phenylether	20.000	19.963	0.2	95	0.00
66	Hexachlorobenzene	20.000	19.316	3.4	93	0.00
67	Atrazine	20.000	20.900	-4.5	100	0.00
68 C	Pentachlorophenol	20.000	14.603	27.0#	79	0.01
69	Phenanthrene	20.000	17.839	10.8	84	0.00
70 S	Anthracene-d10	20.000	18.401	8.0	86	0.00
71	Anthracene	20.000	18.041	9.8	83	0.00
72	Carbazole	20.000	17.679	11.6	85	0.00
73	Di-n-butylphthalate	20.000	19.303	3.5	88	0.00
74 C	Fluoranthene	20.000	17.114	14.4	81	0.00
75 I	Chrysene-d12	20.000	20.000	0.0	65	0.00
76 S	Pyrene-d10	20.000	22.743	-13.7	76	0.00
77	Pyrene	20.000	21.716	-8.6	73	0.00
78	Butylbenzylphthalate	20.000	23.328	-16.6	77	0.00
79	3,3'-Dichlorobenzidine	20.000	19.875	0.6	77	0.00
80	Benzo(a)anthracene	20.000	19.420	2.9	65	0.00
81	Bis(2-ethylhexyl)phthalate	20.000	21.660	-8.3	72	0.00
82	Chrysene	20.000	18.535	7.3	62	0.00
83 I	Perylene-d12	20.000	20.000	0.0	67	0.01
84	Di-n-octyl phthalate	20.000	19.520	2.4	72	0.00
85	Benzo(b)fluoranthene	20.000	18.186	9.1	61	0.02
86	Benzo(k)fluoranthene	20.000	19.132	4.3	65	0.00
87 S	Benzo(a)pyrene-d12	20.000	18.714	6.4	63	0.01

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88 C	Benzo(a)pyrene	20.000	18.114	9.4	63	0.01
89	Indeno(1,2,3-cd)pyrene	20.000	20.271	-1.4	71	0.02
90	Dibenzo(a,h)anthracene	20.000	20.222	-1.1	71	0.02
91	Benzo(g,h,i)perylene	20.000	19.781	1.1	70	0.02

(#) = Out of Range

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