

Data Path : U:\HPCHEM1\BNA M\Data\BM012418\
 Data File : BM013800.D
 Acq On : 25 Jan 2018 10:19
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02041

Quant Time: Jan 25 12:15:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 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	38	0.00
2	1,4-Dioxane	8.000	4.633	42.1#	23	0.00
3 S	1,4-Dioxane-d8	8.000	5.254	34.3#	25	0.00
4	Benzaldehyde	20.000	19.864	0.7	35	0.00
5 S	Phenol-d5	20.000	18.835	5.8	38	0.00
6	Phenol	20.000	20.007	-0.0	39	0.01
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	19.264	3.7	37	0.00
8	Bis(2-Chloroethyl)ether	20.000	19.575	2.1	39	0.00
9 S	2-Chlorophenol-d4	20.000	21.513	-7.6	41	0.00
10	2-Chlorophenol	20.000	21.415	-7.1	42	0.00
11	2-Methylphenol	20.000	20.991	-5.0	42	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	18.375	8.1	36	0.00
13 S	4-Methylphenol-d8	20.000	19.506	2.5	39	0.00
14	Acetophenone	20.000	19.504	2.5	39	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	18.721	6.4	37	0.00
16	4-Methylphenol	20.000	21.292	-6.5	42	0.00
17	Hexachloroethane	20.000	19.640	1.8	39	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	39	0.00
19 S	Nitrobenzene-d5	20.000	19.763	1.2	39	0.00
20	Nitrobenzene	20.000	18.269	8.7	36	0.00
21	Isophorone	20.000	18.564	7.2	37	0.00
22 S	2-Nitrophenol-d4	20.000	21.441	-7.2	43	0.00
23 C	2-Nitrophenol	20.000	18.934	5.3	38	0.00
24	2,4-Dimethylphenol	20.000	20.056	-0.3	40	0.00
25	Bis(2-Chloroethoxy)methane	20.000	18.891	5.5	37	0.00
26 S	2,4-Dichlorophenol-d3	20.000	18.945	5.3	37	0.00
27 C	2,4-Dichlorophenol	20.000	20.499	-2.5	40	0.00
28	Naphthalene	20.000	19.656	1.7	39	0.00
29 S	4-Chloroaniline-d4	20.000	23.254	-16.3	51	0.00
30	4-Chloroaniline	20.000	23.109	-15.5	52	0.00
31 C	Hexachlorobutadiene	20.000	18.926	5.4	38	0.00
32	Caprolactam	20.000	17.317	13.4	35	0.00
33 C	4-Chloro-3-methylphenol	20.000	18.853	5.7	38	0.00
34	2-Methylnaphthalene	20.000	18.406	8.0	38	0.00
35 I	Acenaphthene-d10	20.000	20.000	0.0	35	0.00
36	1,2,4,5-Tetrachlorobenzene	20.000	21.374	-6.9	37	0.00
37	Hexachlorocyclopentadiene	20.000	5.912	70.4#	12	0.00
38 C	2,4,6-Trichlorophenol	20.000	22.421	-12.1	38	0.00
39	2,4,5-Trichlorophenol	20.000	21.885	-9.4	38	0.00
40	1,1'-Biphenyl	20.000	20.852	-4.3	36	0.00
41	2-Chloronaphthalene	20.000	20.439	-2.2	35	0.00
42	2-Nitroaniline	20.000	18.512	7.4	31	0.00
43 S	Dimethylphthalate-d6	20.000	19.694	1.5	34	0.00
44	Dimethylphthalate	20.000	19.053	4.7	34	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	20.000	21.296	-6.5	35	0.00
46 S	Acenaphthylene-d8	20.000	20.384	-1.9	35	0.00
47	Acenaphthylene	20.000	21.172	-5.9	36	0.00
48	3-Nitroaniline	20.000	22.663	-13.3	42	0.00
49 C	Acenaphthene	20.000	20.481	-2.4	36	0.00
50	2,4-Dinitrophenol	20.000	6.950	65.3#	14	0.00
51 S	4-Nitrophenol-d4	20.000	16.116	19.4	31	0.01
52	4-Nitrophenol	20.000	13.702	31.5#	24	0.02
53	Dibenzofuran	20.000	18.969	5.2	33	0.00
54	2,4-Dinitrotoluene	20.000	17.298	13.5	29	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	20.168	-0.8	36	0.00
56	Diethylphthalate	20.000	18.835	5.8	34	0.00
57 S	Fluorene-d10	20.000	19.120	4.4	33	0.00
58	Fluorene	20.000	18.932	5.3	33	0.00
59	4-Chlorophenyl-phenylether	20.000	18.628	6.9	32	0.00
60	4-Nitroaniline	20.000	17.933	10.3	30	0.00
61 I	Phenanthrene-d10	20.000	20.000	0.0	28	0.00
62 S	4,6-Dinitro-2-methylphenol-	20.000	12.998	35.0#	20	0.00
63	4,6-Dinitro-2-methylphenol	20.000	12.296	38.5#	18	0.00
64	N-Nitrosodiphenylamine	20.000	21.959	-9.8	31	0.00
65	4-Bromophenyl-phenylether	20.000	21.791	-9.0	31	0.00
66	Hexachlorobenzene	20.000	22.281	-11.4	32	0.00
67	Atrazine	20.000	21.303	-6.5	31	0.00
68 C	Pentachlorophenol	20.000	26.367	-31.8#	42	0.00
69	Phenanthrene	20.000	20.670	-3.4	29	0.00
70 S	Anthracene-d10	20.000	20.832	-4.2	29	0.00
71	Anthracene	20.000	19.728	1.4	28	0.00
72	Carbazole	20.000	20.330	-1.6	29	0.00
73	Di-n-butylphthalate	20.000	19.786	1.1	28	0.00
74 C	Fluoranthene	20.000	18.149	9.3	26	0.00
75 I	Chrysene-d12	20.000	20.000	0.0	22	0.00
76 S	Pyrene-d10	20.000	21.991	-10.0	24	0.00
77	Pyrene	20.000	21.299	-6.5	24	0.00
78	Butylbenzylphthalate	20.000	24.372	-21.9#	27	0.00
79	3,3'-Dichlorobenzidine	20.000	23.464	-17.3	27	0.00
80	Benzo(a)anthracene	20.000	20.167	-0.8	23	0.00
81	Bis(2-ethylhexyl)phthalate	20.000	22.203	-11.0	24	0.00
82	Chrysene	20.000	20.770	-3.8	23	0.00
83 I	Perylene-d12	20.000	20.000	0.0	25	0.00
84	Di-n-octyl phthalate	20.000	19.814	0.9	26	0.00
85	Benzo(b)fluoranthene	20.000	19.043	4.8	23	0.00
86	Benzo(k)fluoranthene	20.000	18.805	6.0	23	0.00
87 S	Benzo(a)pyrene-d12	20.000	19.748	1.3	24	0.00

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88 C	Benzo(a)pyrene	20.000	19.900	0.5	24	0.00
89	Indeno(1,2,3-cd)pyrene	20.000	18.931	5.3	24	0.00
90	Dibenzo(a,h)anthracene	20.000	19.419	2.9	24	0.00
91	Benzo(a,h,i)perylene	20.000	20.475	-2.4	25	0.01

(#) = Out of Range

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