

Data Path : U:\HPCHEM1\BNA M\Data\BM012018\
 Data File : BM013678.D
 Acq On : 20 Jan 2018 12:54
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02030

Quant Time: Jan 22 01:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 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	141	0.00
2	1,4-Dioxane	8.000	5.956	25.5#	110	0.00
3 S	1,4-Dioxane-d8	8.000	6.187	22.7#	110	0.00
4	Benzaldehyde	20.000	20.082	-0.4	130	0.00
5 S	Phenol-d5	20.000	19.523	2.4	144	0.00
6	Phenol	20.000	19.757	1.2	142	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	18.903	5.5	133	0.00
8	Bis(2-Chloroethyl)ether	20.000	19.403	3.0	142	0.00
9 S	2-Chlorophenol-d4	20.000	19.632	1.8	136	0.00
10	2-Chlorophenol	20.000	20.353	-1.8	146	0.00
11	2-Methylphenol	20.000	20.126	-0.6	146	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	18.917	5.4	135	0.00
13 S	4-Methylphenol-d8	20.000	20.355	-1.8	149	0.00
14	Acetophenone	20.000	19.496	2.5	142	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	20.512	-2.6	150	0.00
16	4-Methylphenol	20.000	20.727	-3.6	149	0.00
17	Hexachloroethane	20.000	18.274	8.6	133	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	147	0.00
19 S	Nitrobenzene-d5	20.000	19.671	1.6	147	0.00
20	Nitrobenzene	20.000	18.436	7.8	138	0.00
21	Isophorone	20.000	19.257	3.7	144	0.00
22 S	2-Nitrophenol-d4	20.000	21.057	-5.3	158	0.00
23 C	2-Nitrophenol	20.000	20.440	-2.2	154	0.00
24	2,4-Dimethylphenol	20.000	19.434	2.8	144	0.00
25	Bis(2-Chloroethoxy)methane	20.000	19.290	3.6	140	0.00
26 S	2,4-Dichlorophenol-d3	20.000	19.975	0.1	147	0.00
27 C	2,4-Dichlorophenol	20.000	19.605	2.0	145	0.00
28	Naphthalene	20.000	19.902	0.5	149	0.00
29 S	4-Chloroaniline-d4	20.000	23.521	-17.6	193	0.00
30	4-Chloroaniline	20.000	23.985	-19.9	203	0.00
31 C	Hexachlorobutadiene	20.000	17.978	10.1	135	0.00
32	Caprolactam	20.000	18.998	5.0	145	0.00
33 C	4-Chloro-3-methylphenol	20.000	19.016	4.9	145	0.00
34	2-Methylnaphthalene	20.000	19.454	2.7	149	0.00
35 I	Acenaphthene-d10	20.000	20.000	0.0	144	0.00
36	1,2,4,5-Tetrachlorobenzene	20.000	19.917	0.4	144	0.00
37	Hexachlorocyclopentadiene	20.000	15.160	24.2#	125	0.00
38 C	2,4,6-Trichlorophenol	20.000	21.099	-5.5	149	0.00
39	2,4,5-Trichlorophenol	20.000	20.419	-2.1	145	0.00
40	1,1'-Biphenyl	20.000	19.870	0.6	142	0.00
41	2-Chloronaphthalene	20.000	20.480	-2.4	146	0.00
42	2-Nitroaniline	20.000	19.941	0.3	136	0.00
43 S	Dimethylphthalate-d6	20.000	19.484	2.6	141	0.00
44	Dimethylphthalate	20.000	19.203	4.0	140	0.00

Data Path : U:\HPCHEM1\BNA M\Data\BM012018\
 Data File : BM013678.D
 Acq On : 20 Jan 2018 12:54
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02030

Quant Time: Jan 22 01:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 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)
45	2,6-Dinitrotoluene	20.000	19.629	1.9	134	0.00
46 S	Acenaphthylene-d8	20.000	19.748	1.3	143	0.00
47	Acenaphthylene	20.000	19.671	1.6	139	0.00
48	3-Nitroaniline	20.000	21.209	-6.0	164	0.00
49 C	Acenaphthene	20.000	19.813	0.9	143	0.00
50	2,4-Dinitrophenol	20.000	15.010	24.9#	125	0.00
51 S	4-Nitrophenol-d4	20.000	16.971	15.1	136	0.00
52	4-Nitrophenol	20.000	16.520	17.4	118	0.00
53	Dibenzofuran	20.000	19.202	4.0	137	0.00
54	2,4-Dinitrotoluene	20.000	19.657	1.7	137	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	18.766	6.2	138	0.00
56	Diethylphthalate	20.000	18.407	8.0	136	0.00
57 S	Fluorene-d10	20.000	18.888	5.6	135	0.00
58	Fluorene	20.000	19.274	3.6	139	0.00
59	4-Chlorophenyl-phenylether	20.000	18.857	5.7	136	0.00
60	4-Nitroaniline	20.000	19.458	2.7	134	0.00
61 I	Phenanthrene-d10	20.000	20.000	0.0	129	0.00
62 S	4,6-Dinitro-2-methylphenol-	20.000	18.037	9.8	130	0.00
63	4,6-Dinitro-2-methylphenol	20.000	18.137	9.3	127	0.00
64	N-Nitrosodiphenylamine	20.000	20.491	-2.5	135	0.00
65	4-Bromophenyl-phenylether	20.000	20.001	-0.0	132	0.00
66	Hexachlorobenzene	20.000	20.202	-1.0	133	0.00
67	Atrazine	20.000	19.095	4.5	129	0.00
68 C	Pentachlorophenol	20.000	17.583	12.1	129	0.00
69	Phenanthrene	20.000	19.861	0.7	129	0.00
70 S	Anthracene-d10	20.000	19.901	0.5	128	0.00
71	Anthracene	20.000	19.542	2.3	129	0.00
72	Carbazole	20.000	19.333	3.3	128	0.00
73	Di-n-butylphthalate	20.000	18.341	8.3	120	0.00
74 C	Fluoranthene	20.000	18.593	7.0	122	0.00
75 I	Chrysene-d12	20.000	20.000	0.0	113	0.00
76 S	Pyrene-d10	20.000	21.692	-8.5	123	0.00
77	Pyrene	20.000	21.385	-6.9	123	0.00
78	Butylbenzylphthalate	20.000	20.336	-1.7	116	0.00
79	3,3'-Dichlorobenzidine	20.000	21.387	-6.9	127	0.00
80	Benzo(a)anthracene	20.000	20.162	-0.8	116	0.00
81	Bis(2-ethylhexyl)phthalate	20.000	18.713	6.4	106	0.00
82	Chrysene	20.000	19.511	2.4	111	0.00
83 I	Perylene-d12	20.000	20.000	0.0	115	0.00
84	Di-n-octyl phthalate	20.000	16.704	16.5	104	0.00
85	Benzo(b)fluoranthene	20.000	20.176	-0.9	114	0.00
86	Benzo(k)fluoranthene	20.000	19.565	2.2	110	0.00
87 S	Benzo(a)pyrene-d12	20.000	20.038	-0.2	115	0.00

Data Path : U:\HPCHEM1\BNA M\Data\BM012018\
Data File : BM013678.D
Acq On : 20 Jan 2018 12:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02030

Quant Time: Jan 22 01:05:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 00:40:08 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)
88 C	Benzo(a)pyrene	20.000	20.048	-0.2	114	0.00
89	Indeno(1,2,3-cd)pyrene	20.000	19.619	1.9	114	0.00
90	Dibenzo(a,h)anthracene	20.000	19.895	0.5	115	0.00
91	Benzo(a,h,i)perylene	20.000	19.873	0.6	114	0.00

(#) = Out of Range

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