

Data Path : Z:\HPCHEM1\BNA M\Data\BM030118\
 Data File : BM014438.D
 Acq On : 01 Mar 2018 18:21
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02027

Quant Time: Mar 02 10:02:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 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	66	0.00
2	1,4-Dioxane	8.000	7.381	7.7	64	0.00
3 S	1,4-Dioxane-d8	8.000	7.204	10.0	64	0.00
4	Benzaldehyde	20.000	21.846	-9.2	63	0.00
5 S	Phenol-d5	20.000	18.234	8.8	65	0.00
6	Phenol	20.000	18.724	6.4	67	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	18.947	5.3	65	0.00
8	Bis(2-Chloroethyl)ether	20.000	18.944	5.3	65	0.00
9 S	2-Chlorophenol-d4	20.000	18.378	8.1	61	0.00
10	2-Chlorophenol	20.000	18.779	6.1	67	0.00
11	2-Methylphenol	20.000	18.410	7.9	67	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	21.558	-7.8	77	0.00
13 S	4-Methylphenol-d8	20.000	19.216	3.9	69	0.00
14	Acetophenone	20.000	17.377	13.1	64	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	20.417	-2.1	72	0.00
16	4-Methylphenol	20.000	18.914	5.4	68	0.00
17	Hexachloroethane	20.000	16.524	17.4	57	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	70	0.00
19 S	Nitrobenzene-d5	20.000	18.031	9.8	63	0.00
20	Nitrobenzene	20.000	17.619	11.9	63	0.00
21	Isophorone	20.000	20.302	-1.5	73	0.00
22 S	2-Nitrophenol-d4	20.000	19.485	2.6	66	0.00
23 C	2-Nitrophenol	20.000	18.072	9.6	63	0.00
24	2,4-Dimethylphenol	20.000	17.775	11.1	65	0.00
25	Bis(2-Chloroethoxy)methane	20.000	19.276	3.6	68	0.00
26 S	2,4-Dichlorophenol-d3	20.000	17.955	10.2	62	0.00
27 C	2,4-Dichlorophenol	20.000	17.706	11.5	65	0.00
28	Naphthalene	20.000	17.433	12.8	63	0.00
29 S	4-Chloroaniline-d4	20.000	22.273	-11.4	74	0.00
30	4-Chloroaniline	20.000	23.263	-16.3	77	0.00
31 C	Hexachlorobutadiene	20.000	14.996	25.0#	55	0.00
32	Caprolactam	20.000	25.070	-25.4#	90	0.00
33 C	4-Chloro-3-methylphenol	20.000	21.021	-5.1	75	0.00
34	2-Methylnaphthalene	20.000	17.644	11.8	63	0.00
35 I	Acenaphthene-d10	20.000	20.000	0.0	70	0.00
36	1,2,4,5-Tetrachlorobenzene	20.000	16.356	18.2	59	0.00
37	Hexachlorocyclopentadiene	20.000	13.394	33.0#	56	0.00
38 C	2,4,6-Trichlorophenol	20.000	18.851	5.7	68	0.00
39	2,4,5-Trichlorophenol	20.000	18.699	6.5	63	0.00
40	1,1'-Biphenyl	20.000	17.517	12.4	62	0.00
41	2-Chloronaphthalene	20.000	17.238	13.8	61	0.00
42	2-Nitroaniline	20.000	20.493	-2.5	72	0.00
43 S	Dimethylphthalate-d6	20.000	19.248	3.8	69	0.00
44	Dimethylphthalate	20.000	19.053	4.7	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	20.000	20.311	-1.6	72	0.00
46 S	Acenaphthylene-d8	20.000	18.494	7.5	66	0.00
47	Acenaphthylene	20.000	18.408	8.0	66	0.00
48	3-Nitroaniline	20.000	20.565	-2.8	83	0.00
49 C	Acenaphthene	20.000	17.772	11.1	65	0.00
50	2,4-Dinitrophenol	20.000	13.704	31.5#	67	0.00
51 S	4-Nitrophenol-d4	20.000	14.298	28.5#	63	0.02
52	4-Nitrophenol	20.000	15.247	23.8#	62	0.01
53	Dibenzofuran	20.000	17.621	11.9	63	0.00
54	2,4-Dinitrotoluene	20.000	20.290	-1.4	72	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	17.484	12.6	63	0.00
56	Diethylphthalate	20.000	19.009	5.0	68	0.00
57 S	Fluorene-d10	20.000	17.920	10.4	65	0.00
58	Fluorene	20.000	17.373	13.1	63	0.00
59	4-Chlorophenyl-phenylether	20.000	17.111	14.4	63	0.00
60	4-Nitroaniline	20.000	18.780	6.1	81	0.00
61 I	Phenanthrene-d10	20.000	20.000	0.0	71	0.00
62 S	4,6-Dinitro-2-methylphenol-	20.000	14.354	28.2#	59	0.00
63	4,6-Dinitro-2-methylphenol	20.000	14.693	26.5#	59	0.00
64	N-Nitrosodiphenylamine	20.000	18.153	9.2	67	0.00
65	4-Bromophenyl-phenylether	20.000	16.341	18.3	61	0.00
66	Hexachlorobenzene	20.000	16.453	17.7	62	0.00
67	Atrazine	20.000	19.067	4.7	72	0.00
68 C	Pentachlorophenol	20.000	14.851	25.7#	63	0.00
69	Phenanthrene	20.000	17.144	14.3	64	0.00
70 S	Anthracene-d10	20.000	17.549	12.3	64	0.00
71	Anthracene	20.000	17.526	12.4	63	0.00
72	Carbazole	20.000	18.256	8.7	70	0.00
73	Di-n-butylphthalate	20.000	19.059	4.7	68	0.00
74 C	Fluoranthene	20.000	17.768	11.2	66	0.00
75 I	Chrysene-d12	20.000	20.000	0.0	76	0.00
76 S	Pyrene-d10	20.000	16.812	15.9	66	0.00
77	Pyrene	20.000	16.384	18.1	65	0.00
78	Butylbenzylphthalate	20.000	18.879	5.6	73	0.00
79	3,3'-Dichlorobenzidine	20.000	19.962	0.2	90	0.00
80	Benzo(a)anthracene	20.000	17.939	10.3	71	0.00
81	Bis(2-ethylhexyl)phthalate	20.000	18.822	5.9	73	0.00
82	Chrysene	20.000	17.691	11.5	69	0.00
83 I	Perylene-d12	20.000	20.000	0.0	102	0.00
84	Di-n-octyl phthalate	20.000	14.500	27.5#	82	0.00
85	Benzo(b)fluoranthene	20.000	15.309	23.5#	79	0.00
86	Benzo(k)fluoranthene	20.000	16.311	18.4	85	0.00
87 S	Benzo(a)pyrene-d12	20.000	17.031	14.8	88	0.00

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88 C	Benzo(a)pyrene	20.000	17.030	14.8	90	0.00
89	Indeno(1,2,3-cd)pyrene	20.000	21.556	-7.8	115	0.00
90	Dibenzo(a,h)anthracene	20.000	22.250	-11.3	120	0.00
91	Benzo(a,h,i)perylene	20.000	21.757	-8.8	118	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 2