

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014539.D
 Acq On : 13 Mar 2018 04:12
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02038

Quant Time: Mar 13 09:20:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 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	91	0.00
2	1,4-Dioxane	8.000	5.376	32.8#	64	0.00
3 S	1,4-Dioxane-d8	8.000	4.647	41.9#	57	0.00
4	Benzaldehyde	20.000	23.621	-18.1	93	0.00
5 S	Phenol-d5	20.000	18.219	8.9	89	0.00
6	Phenol	20.000	17.135	14.3	85	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	18.392	8.0	87	0.00
8	Bis(2-Chloroethyl)ether	20.000	18.868	5.7	89	0.00
9 S	2-Chlorophenol-d4	20.000	19.654	1.7	90	0.00
10	2-Chlorophenol	20.000	18.348	8.3	90	0.00
11	2-Methylphenol	20.000	18.203	9.0	91	0.00
12	2,2'-oxybis(1-Chloropropane	20.000	17.930	10.4	88	0.00
13 S	4-Methylphenol-d8	20.000	18.232	8.8	90	0.00
14	Acetophenone	20.000	17.259	13.7	88	0.00
15 P	N-Nitroso-di-n-propylamine	20.000	19.145	4.3	94	0.00
16	4-Methylphenol	20.000	17.700	11.5	88	0.00
17	Hexachloroethane	20.000	18.812	5.9	89	0.00
18 I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
19 S	Nitrobenzene-d5	20.000	19.880	0.6	87	0.00
20	Nitrobenzene	20.000	19.263	3.7	86	0.00
21	Isophorone	20.000	20.141	-0.7	89	0.00
22 S	2-Nitrophenol-d4	20.000	22.538	-12.7	94	0.00
23 C	2-Nitrophenol	20.000	19.450	2.8	84	0.00
24	2,4-Dimethylphenol	20.000	20.426	-2.1	93	0.00
25	Bis(2-Chloroethoxy)methane	20.000	19.262	3.7	84	0.00
26 S	2,4-Dichlorophenol-d3	20.000	19.741	1.3	85	-0.01
27 C	2,4-Dichlorophenol	20.000	20.621	-3.1	94	0.00
28	Naphthalene	20.000	20.140	-0.7	90	0.00
29 S	4-Chloroaniline-d4	20.000	22.980	-14.9	94	0.00
30	4-Chloroaniline	20.000	22.869	-14.3	94	-0.01
31 C	Hexachlorobutadiene	20.000	19.249	3.8	88	0.00
32	Caprolactam	20.000	21.997	-10.0	98	-0.02
33 C	4-Chloro-3-methylphenol	20.000	20.374	-1.9	90	0.00
34	2-Methylnaphthalene	20.000	19.700	1.5	87	0.00
35 I	Acenaphthene-d10	20.000	20.000	0.0	80	0.00
36	1,2,4,5-Tetrachlorobenzene	20.000	20.587	-2.9	85	0.00
37	Hexachlorocyclopentadiene	20.000	19.058	4.7	90	0.00
38 C	2,4,6-Trichlorophenol	20.000	21.348	-6.7	88	0.00
39	2,4,5-Trichlorophenol	20.000	21.560	-7.8	82	0.00
40	1,1'-Biphenyl	20.000	21.368	-6.8	85	0.00
41	2-Chloronaphthalene	20.000	20.860	-4.3	84	0.00
42	2-Nitroaniline	20.000	22.636	-13.2	90	0.00
43 S	Dimethylphthalate-d6	20.000	21.080	-5.4	86	0.00
44	Dimethylphthalate	20.000	21.043	-5.2	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	20.000	22.622	-13.1	91	0.00
46 S	Acenaphthylene-d8	20.000	21.078	-5.4	86	0.00
47	Acenaphthylene	20.000	20.623	-3.1	83	0.00
48	3-Nitroaniline	20.000	22.451	-12.3	102	0.00
49 C	Acenaphthene	20.000	20.462	-2.3	84	0.00
50	2,4-Dinitrophenol	20.000	19.523	2.4	108	0.00
51 S	4-Nitrophenol-d4	20.000	13.314	33.4#	66	0.00
52	4-Nitrophenol	20.000	25.870	-29.4#	120	-0.01
53	Dibenzofuran	20.000	19.861	0.7	81	0.00
54	2,4-Dinitrotoluene	20.000	21.649	-8.2	87	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	19.724	1.4	80	0.00
56	Diethylphthalate	20.000	20.641	-3.2	84	0.00
57 S	Fluorene-d10	20.000	19.663	1.7	80	0.00
58	Fluorene	20.000	19.300	3.5	79	0.00
59	4-Chlorophenyl-phenylether	20.000	19.296	3.5	80	0.00
60	4-Nitroaniline	20.000	20.860	-4.3	102	0.00
61 I	Phenanthrene-d10	20.000	20.000	0.0	77	0.00
62 S	4,6-Dinitro-2-methylphenol-	20.000	16.970	15.2	76	0.00
63	4,6-Dinitro-2-methylphenol	20.000	17.336	13.3	76	0.00
64	N-Nitrosodiphenylamine	20.000	19.948	0.3	80	0.00
65	4-Bromophenyl-phenylether	20.000	20.753	-3.8	85	0.00
66	Hexachlorobenzene	20.000	20.133	-0.7	83	0.00
67	Atrazine	20.000	21.606	-8.0	89	0.00
68 C	Pentachlorophenol	20.000	16.310	18.5	76	0.00
69	Phenanthrene	20.000	19.513	2.4	79	0.00
70 S	Anthracene-d10	20.000	20.318	-1.6	81	0.00
71	Anthracene	20.000	19.868	0.7	78	0.00
72	Carbazole	20.000	19.807	1.0	82	0.00
73	Di-n-butylphthalate	20.000	20.801	-4.0	81	0.00
74 C	Fluoranthene	20.000	20.142	-0.7	81	0.00
75 I	Chrysene-d12	20.000	20.000	0.0	80	0.00
76 S	Pyrene-d10	20.000	19.854	0.7	82	0.00
77	Pyrene	20.000	19.287	3.6	80	0.00
78	Butylbenzylphthalate	20.000	20.668	-3.3	84	0.00
79	3,3'-Dichlorobenzidine	20.000	19.929	0.4	95	0.00
80	Benzo(a)anthracene	20.000	20.164	-0.8	83	0.00
81	Bis(2-ethylhexyl)phthalate	20.000	20.077	-0.4	82	0.00
82	Chrysene	20.000	19.681	1.6	80	0.00
83 I	Perylene-d12	20.000	20.000	0.0	92	0.00
84	Di-n-octyl phthalate	20.000	16.543	17.3	85	0.00
85	Benzo(b)fluoranthene	20.000	19.369	3.2	90	0.00
86	Benzo(k)fluoranthene	20.000	19.195	4.0	90	0.00
87 S	Benzo(a)pyrene-d12	20.000	20.229	-1.1	94	0.00

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88 C	Benzo(a)pyrene	20.000	19.849	0.8	95	0.00
89	Indeno(1,2,3-cd)pyrene	20.000	20.980	-4.9	101	0.00
90	Dibenzo(a,h)anthracene	20.000	21.370	-6.9	103	0.00
91	Benzo(a,h,i)perylene	20.000	20.631	-3.2	101	-0.01

(#) = Out of Range

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