Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019468.D
Acq On : 26 Mar 2019 13:20
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02072

Quant Time: Mar 27 03:27:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 03:11:42 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	178	0.02
2		1,4-Dioxane	8.000	6.643	17.0	152	0.02
3	S	1,4-Dioxane-d8	8.000	7.016	12.3	162	0.02
4		Benzaldehyde	20.000	18.422	7.9	166	0.02
5	S	Phenol-d5	20.000	17.813	10.9	172	0.02
6		Phenol	20.000	18.039	9.8	173	0.02
7	S	Bis-(2-Chloroethyl)ether-d8	20.000	17.107	14.5	162	0.02
8		Bis(2-Chloroethyl)ether	20.000	17.876	10.6	167	0.02
9	S	2-Chlorophenol-d4	20.000	18.923	5.4	175	0.02
10		2-Chlorophenol	20.000	18.908	5.5	173	0.02
11		2-Methylphenol	20.000	18.070	9.6	177	0.02
12		2,2'-oxybis(1-Chloropropane	20.000	16.404	18.0	164	0.04
13	S	4-Methylphenol-d8	20.000	17.972	10.1	176	0.02
14		Acetophenone	20.000	17.203	14.0	169	0.02
15	P	N-Nitroso-di-n-propylamine	20.000	17.223	13.9	166	0.02
16		4-Methylphenol	20.000	17.861	10.7	175	0.02
17		Hexachloroethane	20.000	17.768	11.2	173	0.02
18	I	Naphthalene-d8	20.000	20.000	0.0	170	0.02
19	S	Nitrobenzene-d5	20.000	20.049	-0.2	184	0.02
20		Nitrobenzene	20.000	17.613	11.9	167	0.02
21		Isophorone	20.000	18.158	9.2	169	0.02
22	S	2-Nitrophenol-d4	20.000	20.394	-2.0	181	0.02
23	C	2-Nitrophenol	20.000	20.190	-1.0	181	0.02
24		2,4-Dimethylphenol	20.000	18.382	8.1	169	0.02
25		Bis(2-Chloroethoxy)methane	20.000	18.459	7.7	167	0.02
26	S	2,4-Dichlorophenol-d3	20.000	20.359	-1.8	181	0.02
27	C	2,4-Dichlorophenol	20.000	20.049	-0.2	175	0.02
28		Naphthalene	20.000	18.788	6.1	170	0.02
29	S	4-Chloroaniline-d4	20.000	19.850	0.7	177	0.02
30		4-Chloroaniline	20.000	19.440	2.8	171	0.02
31	C	Hexachlorobutadiene	20.000	19.788	1.1	175	0.02
32		Caprolactam	20.000	18.054	9.7	179	0.01
33	C	4-Chloro-3-methylphenol	20.000	18.732	6.3	171	0.02
34		2-Methylnaphthalene	20.000	18.599	7.0	169	0.02
35		1-Methylnaphthalene	20.000	18.550	7.2	171	0.02
36	I	Acenaphthene-d10	20.000	20.000	0.0	170	0.02
37		1,2,4,5-Tetrachlorobenzene	20.000	19.729	1.4	176	0.02
38		Hexachlorocyclopentadiene	20.000	24.628	-23.1	265	0.02
39	C	2,4,6-Trichlorophenol	20.000	20.035	-0.2	176	0.02
40		2,4,5-Trichlorophenol	20.000	19.685	1.6	177	0.02
41		1,1'-Biphenyl	20.000	18.523	7.4	169	0.02
42		2-Chloronaphthalene	20.000	18.840	5.8	171	0.02
43		2-Nitroaniline	20.000	18.100	9.5	165	0.02
44	S	Dimethylphthalate-d6	20.000	18.139	9.3	165	0.02

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		Dimethylphthalate	20.000	17.844	10.8	162	0.02
46		2,6-Dinitrotoluene	20.000	19.851	0.7	177	0.02
47	S	Acenaphthylene-d8	20.000	19.009	5.0	169	0.02
48		Acenaphthylene	20.000	18.662	6.7	167	0.02
49		3-Nitroaniline	20.000	19.151	4.2	177	0.02
50	C	Acenaphthene	20.000	18.110	9.5	166	0.02
51		2,4-Dinitrophenol	20.000	22.102	-10.5	261	0.01
52	S	4-Nitrophenol-d4	20.000	17.541	12.3	182	0.02
53		4-Nitrophenol	20.000	15.861	20.7	164	0.02
54		Dibenzofuran	20.000	18.399	8.0	168	0.02
55		2,4-Dinitrotoluene	20.000	19.195	4.0	172	0.02
56		2,3,4,6-Tetrachlorophenol	20.000	19.526	2.4	172	0.02
57		Diethylphthalate	20.000	17.551	12.2	160	0.02
58	S	Fluorene-d10	20.000	18.443	7.8	168	0.02
59		Fluorene	20.000	18.372	8.1	167	0.02
60		4-Chlorophenyl-phenylether	20.000	18.409	8.0	168	0.02
61		4-Nitroaniline	20.000	17.611	11.9	168	0.02
62	I	Phenanthrene-d10	20.000	20.000	0.0	165	0.02
63	S	4,6-Dinitro-2-methylphenol-	20.000	17.814	10.9	175	0.02
64		4,6-Dinitro-2-methylphenol	20.000	17.585	12.1	168	0.01
65		N-Nitrosodiphenylamine	20.000	19.113	4.4	167	0.02
66		4-Bromophenyl-phenylether	20.000	19.175	4.1	169	0.02
67		Hexachlorobenzene	20.000	18.726	6.4	167	0.02
68		Atrazine	20.000	17.840	10.8	164	0.02
69	C	Pentachlorophenol	20.000	25.650	-28.2#	256	0.02
70		Phenanthrene	20.000	18.512	7.4	165	0.02
71	S	Anthracene-d10	20.000	18.811	5.9	167	0.02
72		Anthracene	20.000	18.524	7.4	164	0.02
73		1,2,3,4-Tetrachlorobenzene	20.000	20.000	0.0	173	0.02
74		Pentachlorobenzene	20.000	18.992	5.0	168	0.02
75		Carbazole	20.000	17.796	11.0	165	0.02
76		Di-n-butylphthalate	20.000	18.558	7.2	165	0.02
77	C	Fluoranthene	20.000	18.008	10.0	167	0.02
78	I	Chrysene-d12	20.000	20.000	0.0	164	0.02
79	S	Pyrene-d10	20.000	19.170	4.1	168	0.02
80		Pyrene	20.000	18.799	6.0	164	0.02
81		Butylbenzylphthalate	20.000	18.600	7.0	164	0.02
82		3,3'-Dichlorobenzidine	20.000	19.119	4.4	168	0.02
83		Benzo(a)anthracene	20.000	18.851	5.7	166	0.02
84		Bis(2-ethylhexyl)phthalate	20.000	18.761	6.2	165	0.02
85		Chrysene	20.000	18.719	6.4	167	0.02
86	I	Perylene-d12	20.000	20.000	0.0	173	0.03
87		Di-n-octyl phthalate	20.000	16.513	17.4	161	0.02

Evaluate Continuing Calibration Report

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	20.000	18.148	9.3	164	0.03
89	Benzo(k)fluoranthene	20.000	18.462	7.7	170	0.02
90 S	Benzo(a)pyrene-d12	20.000	18.777	6.1	174	0.03
91 C	Benzo(a)pyrene	20.000	18.476	7.6	170	0.02
92	Indeno(1,2,3-cd)pyrene	20.000	18.722	6.4	170	0.04
93	Dibenzo(a,h)anthracene	20.000	18.754	6.2	172	0.04
94	Benzo(g,h,i)perylene	20.000	18.763	6.2	170	0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 1