

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031418\
 Data File : BM014570.D
 Acq On : 14 Mar 2018 14:09
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02043

Quant Time: Mar 14 19:06:19 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
2	1,4-Dioxane	0.519	0.433	16.6	98	0.00
3 S	1,4-Dioxane-d8	0.467	0.412	11.8	106	0.00
4	Benzaldehyde	0.689	0.791	-14.8	112	0.00
5 S	Phenol-d5	1.690	1.564	7.5	112	0.00
6	Phenol	1.774	1.553	12.5	107	0.01
7 S	Bis-(2-Chloroethyl)ether-d8	1.023	0.946	7.5	107	0.00
8	Bis(2-Chloroethyl)ether	1.287	1.239	3.7	112	0.00
9 S	2-Chlorophenol-d4	1.296	1.254	3.2	109	0.00
10	2-Chlorophenol	1.323	1.253	5.3	115	0.00
11	2-Methylphenol	1.357	1.220	10.1	110	0.00
12	2,2'-oxybis(1-Chloropropane	1.299	1.214	6.5	113	0.00
13 S	4-Methylphenol-d8	1.479	1.352	8.6	111	0.00
14	Acetophenone	2.552	2.188	14.3	108	0.00
15 P	N-Nitroso-di-n-propylamine	1.279	1.285	-0.5	121	0.00
16	4-Methylphenol	1.478	1.361	7.9	113	0.01
17	Hexachloroethane	0.689	0.629	8.7	106	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
19 S	Nitrobenzene-d5	0.148	0.145	2.0	109	0.00
20	Nitrobenzene	0.437	0.425	2.7	110	0.00
21	Isophorone	0.748	0.761	-1.7	115	0.00
22 S	2-Nitrophenol-d4	0.153	0.162	-5.9	113	0.00
23 C	2-Nitrophenol	0.166	0.175	-5.4	117	0.00
24	2,4-Dimethylphenol	0.406	0.398	2.0	113	0.00
25	Bis(2-Chloroethoxy)methane	0.394	0.389	1.3	110	0.00
26 S	2,4-Dichlorophenol-d3	0.317	0.320	-0.9	111	0.00
27 C	2,4-Dichlorophenol	0.301	0.295	2.0	114	0.00
28	Naphthalene	1.027	0.976	5.0	108	0.00
29 S	4-Chloroaniline-d4	0.312	0.348	-11.5	117	0.00
30	4-Chloroaniline	0.318	0.352	-10.7	115	0.00
31 C	Hexachlorobutadiene	0.239	0.222	7.1	108	0.00
32	Caprolactam	0.096	0.102	-6.2	120	-0.01
33 C	4-Chloro-3-methylphenol	0.363	0.369	-1.7	114	0.00
34	2-Methylnaphthalene	0.782	0.707	9.6	102	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
36	1,2,4,5-Tetrachlorobenzene	0.642	0.655	-2.0	107	0.00
37	Hexachlorocyclopentadiene	0.349	0.198	43.3#	68	0.00
38 C	2,4,6-Trichlorophenol	0.401	0.415	-3.5	108	0.00
39	2,4,5-Trichlorophenol	0.409	0.411	-0.5	97	0.00
40	1,1'-Biphenyl	1.541	1.535	0.4	101	0.00
41	2-Chloronaphthalene	1.231	1.225	0.5	101	0.00
42	2-Nitroaniline	0.416	0.449	-7.9	109	0.00
43 S	Dimethylphthalate-d6	1.652	1.666	-0.8	104	0.00
44	Dimethylphthalate	1.629	1.612	1.0	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.309	0.324	-4.9	107	0.00
46 S	Acenaphthylene-d8	2.037	1.970	3.3	100	0.00
47	Acenaphthylene	1.925	1.826	5.1	97	0.00
48	3-Nitroaniline	0.262	0.280	-6.9	123	0.00
49 C	Acenaphthene	1.355	1.239	8.6	95	0.00
50	2,4-Dinitrophenol	0.166	0.099	40.4#	84	0.01
51 S	4-Nitrophenol-d4	0.228	0.264	-15.8	146	0.00
52	4-Nitrophenol	0.299	0.295	1.3	116	0.02
53	Dibenzofuran	2.032	1.799	11.5	92	0.00
54	2,4-Dinitrotoluene	0.496	0.483	2.6	99	0.00
55	2,3,4,6-Tetrachlorophenol	0.414	0.348	15.9	87	0.00
56	Diethylphthalate	1.815	1.739	4.2	99	0.00
57 S	Fluorene-d10	1.480	1.311	11.4	92	0.00
58	Fluorene	1.755	1.495	14.8	89	0.00
59	4-Chlorophenyl-phenylether	0.918	0.782	14.8	89	0.00
60	4-Nitroaniline	0.294	0.244	17.0	102	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	90	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.120	0.097	19.2	84	0.00
63	4,6-Dinitro-2-methylphenol	0.122	0.096	21.3#	80	0.00
64	N-Nitrosodiphenylamine	0.575	0.559	2.8	91	0.00
65	4-Bromophenyl-phenylether	0.223	0.223	0.0	95	0.00
66	Hexachlorobenzene	0.235	0.227	3.4	93	0.00
67	Atrazine	0.227	0.237	-4.4	100	0.00
68 C	Pentachlorophenol	0.123	0.090	26.8#	79	0.01
69	Phenanthrene	1.152	1.028	10.8	84	0.00
70 S	Anthracene-d10	0.965	0.888	8.0	86	0.00
71	Anthracene	1.159	1.045	9.8	83	0.00
72	Carbazole	0.974	0.861	11.6	85	0.00
73	Di-n-butylphthalate	1.257	1.213	3.5	88	0.00
74 C	Fluoranthene	1.377	1.178	14.5	81	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	65	0.00
76 S	Pyrene-d10	1.032	1.173	-13.7	76	0.00
77	Pyrene	1.329	1.443	-8.6	73	0.00
78	Butylbenzylphthalate	0.550	0.641	-16.5	77	0.00
79	3,3'-Dichlorobenzidine	0.352	0.349	0.9	77	0.00
80	Benzo(a)anthracene	1.248	1.212	2.9	65	0.00
81	Bis(2-ethylhexyl)phthalate	0.787	0.852	-8.3	72	0.00
82	Chrysene	1.164	1.079	7.3	62	0.00
83 I	Perylene-d12	1.000	1.000	0.0	67	0.01
84	Di-n-octyl phthalate	1.716	1.675	2.4	72	0.00
85	Benzo(b)fluoranthene	1.339	1.218	9.0	61	0.02
86	Benzo(k)fluoranthene	1.273	1.218	4.3	65	0.00
87 S	Benzo(a)pyrene-d12	0.973	0.911	6.4	63	0.01

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88 C	Benzo(a)pyrene	1.197	1.084	9.4	63	0.01
89	Indeno(1,2,3-cd)pyrene	1.161	1.177	-1.4	71	0.02
90	Dibenzo(a,h)anthracene	0.965	0.976	-1.1	71	0.02
91	Benzo(g,h,i)perylene	0.941	0.930	1.2	70	0.02

(#) = Out of Range

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