

Data Path : Z:\HPCHEM1\BNA M\Data\BM031716\
 Data File : BM004663.D
 Acq On : 17 Mar 2016 13:07
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02055

Quant Time: Mar 18 04:03:20 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:01:04 2016
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
2	1,4-Dioxane	0.676	0.685	-1.3	114	0.00
3 S	1,4-Dioxane-d8	0.580	0.588	-1.4	116	0.00
4	Benzaldehyde	0.911	0.996	-9.3	117	0.00
5 S	Phenol-d5	1.643	1.684	-2.5	115	0.00
6	Phenol	1.729	1.778	-2.8	115	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.931	0.953	-2.4	113	0.00
8	Bis(2-Chloroethyl)ether	1.346	1.386	-3.0	113	0.00
9 S	2-Chlorophenol-d4	1.323	1.365	-3.2	117	0.00
10	2-Chlorophenol	1.397	1.426	-2.1	115	0.00
11	2-Methylphenol	1.329	1.333	-0.3	112	0.00
12	2,2'-oxybis(1-Chloropropane	1.610	1.625	-0.9	110	0.00
13 S	4-Methylphenol-d8	1.325	1.314	0.8	109	0.00
14	Acetophenone	2.067	2.112	-2.2	108	0.00
15 P	N-Nitroso-di-n-propylamine	1.050	1.010	3.8	108	0.00
16	4-Methylphenol	1.463	1.464	-0.1	111	0.00
17	Hexachloroethane	0.555	0.564	-1.6	114	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
19 S	Nitrobenzene-d5	0.139	0.143	-2.9	112	0.00
20	Nitrobenzene	0.343	0.353	-2.9	111	0.00
21	Isophorone	0.657	0.651	0.9	108	0.00
22 S	2-Nitrophenol-d4	0.150	0.150	0.0	108	0.00
23 C	2-Nitrophenol	0.166	0.171	-3.0	111	0.00
24	2,4-Dimethylphenol	0.365	0.369	-1.1	109	0.00
25	Bis(2-Chloroethoxy)methane	0.424	0.417	1.7	107	0.00
26 S	2,4-Dichlorophenol-d3	0.295	0.297	-0.7	110	0.00
27 C	2,4-Dichlorophenol	0.304	0.305	-0.3	110	0.00
28	Naphthalene	1.043	1.040	0.3	109	0.00
29 S	4-Chloroaniline-d4	0.353	0.396	-12.2	109	0.00
30	4-Chloroaniline	0.371	0.421	-13.5	109	0.00
31 C	Hexachlorobutadiene	0.181	0.190	-5.0	115	0.00
32	Caprolactam	0.102	0.094	7.8	101	0.00
33 C	4-Chloro-3-methylphenol	0.344	0.328	4.7	104	0.00
34	2-Methylnaphthalene	0.743	0.733	1.3	107	0.00
35	1-Methylnaphthalene	0.714	0.704	1.4	107	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
37	1,2,4,5-Tetrachlorobenzene	0.639	0.670	-4.9	109	0.00
38	Hexachlorocyclopentadiene	0.346	0.303	12.4	97	0.00
39 C	2,4,6-Trichlorophenol	0.422	0.422	0.0	105	0.00
40	2,4,5-Trichlorophenol	0.455	0.459	-0.9	106	0.00
41	1,1'-Biphenyl	1.670	1.711	-2.5	106	0.00
42	2-Chloronaphthalene	1.256	1.290	-2.7	107	0.00
43	2-Nitroaniline	0.338	0.343	-1.5	107	0.00
44 S	Dimethylphthalate-d6	1.563	1.537	1.7	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.587	1.561	1.6	102	0.00
46	2,6-Dinitrotoluene	0.283	0.288	-1.8	105	0.00
47 S	Acenaphthylene-d8	1.917	1.975	-3.0	106	0.00
48	Acenaphthylene	2.060	2.111	-2.5	105	0.00
49	3-Nitroaniline	0.305	0.336	-10.2	107	0.00
50 C	Acenaphthene	1.387	1.405	-1.3	105	0.00
51	2,4-Dinitrophenol	0.161	0.123	23.6#	89	0.00
52 S	4-Nitrophenol-d4	0.302	0.278	7.9	95	0.00
53	4-Nitrophenol	0.245	0.232	5.3	96	0.00
54	Dibenzofuran	1.974	1.989	-0.8	105	0.00
55	2,4-Dinitrotoluene	0.426	0.433	-1.6	105	0.00
56	2,3,4,6-Tetrachlorophenol	0.401	0.391	2.5	102	0.00
57	Diethylphthalate	1.617	1.570	2.9	101	0.00
58 S	Fluorene-d10	1.363	1.358	0.4	104	0.00
59	Fluorene	1.576	1.590	-0.9	103	0.00
60	4-Chlorophenyl-phenylether	0.752	0.762	-1.3	104	0.00
61	4-Nitroaniline	0.328	0.359	-9.5	119	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.105	0.093	11.4	95	0.00
64	4,6-Dinitro-2-methylphenol	0.114	0.102	10.5	97	0.00
65	N-Nitrosodiphenylamine	0.606	0.625	-3.1	103	0.00
66	4-Bromophenyl-phenylether	0.201	0.209	-4.0	105	0.00
67	Hexachlorobenzene	0.226	0.236	-4.4	105	0.00
68	Atrazine	0.214	0.219	-2.3	102	0.00
69 C	Pentachlorophenol	0.147	0.141	4.1	98	0.00
70	Phenanthrene	1.143	1.158	-1.3	102	0.00
71 S	Anthracene-d10	0.921	0.952	-3.4	104	0.00
72	Anthracene	1.151	1.181	-2.6	103	0.00
73	1,2,3,4-Tetrachlorobenzene	0.275	0.295	-7.3	108	0.00
74	Pentachlorobenzene	0.266	0.281	-5.6	106	0.00
75	Carbazole	1.029	1.084	-5.3	101	0.00
76	Di-n-butylphthalate	1.459	1.237	15.2	94	0.00
77 C	Fluoranthene	1.262	1.325	-5.0	101	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	99	0.00
79 S	Pyrene-d10	0.913	0.940	-3.0	101	0.00
80	Pyrene	1.212	1.251	-3.2	101	0.00
81	Butylbenzylphthalate	0.485	0.522	-7.6	106	0.00
82	3,3'-Dichlorobenzidine	0.309	0.378	-22.3#	116	0.00
83	Benzo(a)anthracene	1.167	1.186	-1.6	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.689	0.757	-9.9	105	0.00
85	Chrysene	1.115	1.125	-0.9	99	0.00
86 I	Perylene-d12	1.000	1.000	0.0	100	0.00
87	Di-n-octyl phthalate	1.196	1.348	-12.7	107	0.00

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88	Benzo(b)fluoranthene	1.193	1.186	0.6	95	0.00
89	Benzo(k)fluoranthene	1.134	1.162	-2.5	102	0.00
90 S	Benzo(a)pyrene-d12	0.893	0.913	-2.2	100	0.00
91 C	Benzo(a)pyrene	1.143	1.159	-1.4	98	0.00
92	Indeno(1,2,3-cd)pyrene	1.285	1.316	-2.4	99	0.00
93	Dibenzo(a,h)anthracene	1.063	1.097	-3.2	100	0.00
94	Benzo(a,h,i)perylene	1.088	1.114	-2.4	99	0.00

(#) = Out of Range

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