

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
 Data File : BM007563.D
 Acq On : 24 Sep 2016 15:00
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02052

Quant Time: Sep 26 03:53:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 03:32:16 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	143	0.00
2	1,4-Dioxane	0.427	0.460	-7.7	143	0.00
3 S	1,4-Dioxane-d8	0.407	0.410	-0.7	136	0.00
4	Benzaldehyde	1.191	1.234	-3.6	143	0.00
5 S	Phenol-d5	1.775	1.828	-3.0	151#	0.00
6	Phenol	1.801	1.843	-2.3	147	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.954	1.008	-5.7	147	0.00
8	Bis(2-Chloroethyl)ether	1.290	1.373	-6.4	148	0.00
9 S	2-Chlorophenol-d4	1.289	1.366	-6.0	146	0.00
10	2-Chlorophenol	1.293	1.355	-4.8	143	0.00
11	2-Methylphenol	1.388	1.453	-4.7	151#	0.00
12	2,2'-oxybis(1-Chloropropane	1.403	1.518	-8.2	147	0.00
13 S	4-Methylphenol-d8	1.515	1.602	-5.7	152#	0.00
14	Acetophenone	2.308	2.435	-5.5	145	0.00
15 P	N-Nitroso-di-n-propylamine	1.172	1.294	-10.4	149	0.00
16	4-Methylphenol	1.554	1.643	-5.7	149	0.00
17	Hexachloroethane	0.529	0.544	-2.8	144	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	145	0.00
19 S	Nitrobenzene-d5	0.143	0.151	-5.6	149	0.00
20	Nitrobenzene	0.366	0.381	-4.1	147	0.00
21	Isophorone	0.701	0.748	-6.7	150	0.00
22 S	2-Nitrophenol-d4	0.162	0.176	-8.6	154#	0.00
23 C	2-Nitrophenol	0.169	0.181	-7.1	148	0.00
24	2,4-Dimethylphenol	0.391	0.411	-5.1	147	0.00
25	Bis(2-Chloroethoxy)methane	0.400	0.427	-6.7	151#	0.00
26 S	2,4-Dichlorophenol-d3	0.324	0.348	-7.4	151#	0.00
27 C	2,4-Dichlorophenol	0.319	0.340	-6.6	148	0.00
28	Naphthalene	0.966	1.000	-3.5	148	0.00
29 S	4-Chloroaniline-d4	0.340	0.364	-7.1	154#	0.00
30	4-Chloroaniline	0.356	0.373	-4.8	149	0.00
31 C	Hexachlorobutadiene	0.233	0.239	-2.6	146	0.00
32	Caprolactam	0.117	0.122	-4.3	156#	0.00
33 C	4-Chloro-3-methylphenol	0.388	0.428	-10.3	155#	0.00
34	2-Methylnaphthalene	0.758	0.800	-5.5	148	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	147	0.00
36	1,2,4,5-Tetrachlorobenzene	0.590	0.606	-2.7	149	0.00
37	Hexachlorocyclopentadiene	0.317	0.294	7.3	147	0.00
38 C	2,4,6-Trichlorophenol	0.376	0.397	-5.6	149	0.00
39	2,4,5-Trichlorophenol	0.412	0.443	-7.5	148	0.00
40	1,1'-Biphenyl	1.328	1.365	-2.8	147	0.00
41	2-Chloronaphthalene	1.033	1.055	-2.1	145	0.00
42	2-Nitroaniline	0.318	0.347	-9.1	151#	0.00
43 S	Dimethylphthalate-d6	1.455	1.516	-4.2	147	0.00
44	Dimethylphthalate	1.411	1.469	-4.1	148	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.280	0.298	-6.4	150	0.00
46 S	Acenaphthylene-d8	1.688	1.747	-3.5	146	0.00
47	Acenaphthylene	1.676	1.726	-3.0	145	0.00
48	3-Nitroaniline	0.284	0.303	-6.7	152#	0.00
49 C	Acenaphthene	1.152	1.184	-2.8	146	0.00
50	2,4-Dinitrophenol	0.187	0.165	11.8	142	0.00
51 S	4-Nitrophenol-d4	0.257	0.257	0.0	148	0.00
52	4-Nitrophenol	0.267	0.264	1.1	143	0.00
53	Dibenzofuran	1.700	1.736	-2.1	145	0.00
54	2,4-Dinitrotoluene	0.432	0.456	-5.6	146	0.00
55	2,3,4,6-Tetrachlorophenol	0.407	0.433	-6.4	149	0.00
56	Diethylphthalate	1.440	1.514	-5.1	149	0.00
57 S	Fluorene-d10	1.276	1.312	-2.8	145	0.00
58	Fluorene	1.403	1.441	-2.7	145	0.00
59	4-Chlorophenyl-phenylether	0.738	0.756	-2.4	146	0.00
60	4-Nitroaniline	0.313	0.329	-5.1	152#	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	144	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.122	0.118	3.3	148	0.00
63	4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	148	0.00
64	N-Nitrosodiphenylamine	0.540	0.561	-3.9	145	0.00
65	4-Bromophenyl-phenylether	0.218	0.225	-3.2	143	0.00
66	Hexachlorobenzene	0.246	0.254	-3.3	146	0.00
67	Atrazine	0.225	0.233	-3.6	147	0.00
68 C	Pentachlorophenol	0.154	0.154	0.0	151#	0.00
69	Phenanthrene	1.059	1.078	-1.8	143	0.00
70 S	Anthracene-d10	0.919	0.941	-2.4	144	0.00
71	Anthracene	1.075	1.100	-2.3	143	0.00
72	Carbazole	0.956	0.986	-3.1	142	0.00
73	Di-n-butylphthalate	1.081	1.159	-7.2	147	0.00
74 C	Fluoranthene	1.336	1.402	-4.9	140	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	129	0.00
76 S	Pyrene-d10	0.794	0.885	-11.5	139	0.00
77	Pyrene	0.981	1.075	-9.6	137	0.00
78	Butylbenzylphthalate	0.377	0.436	-15.6	142	0.00
79	3,3'-Dichlorobenzidine	0.367	0.385	-4.9	136	0.00
80	Benzo(a)anthracene	1.093	1.141	-4.4	130	0.00
81	Bis(2-ethylhexyl)phthalate	0.543	0.631	-16.2	140	0.00
82	Chrysene	1.044	1.082	-3.6	129	0.00
83 I	Perylene-d12	1.000	1.000	0.0	117	0.00
84	Di-n-octyl phthalate	0.966	1.169	-21.0#	135	0.00
85	Benzo(b)fluoranthene	1.122	1.234	-10.0	121	0.00
86	Benzo(k)fluoranthene	1.079	1.129	-4.6	122	0.00
87 S	Benzo(a)pyrene-d12	0.885	0.935	-5.6	119	0.00

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88 C	Benzo(a)pyrene	1.077	1.127	-4.6	117	0.00
89	Indeno(1,2,3-cd)pyrene	1.189	1.172	1.4	109	0.00
90	Dibenzo(a,h)anthracene	0.980	0.973	0.7	110	0.00
91	Benzo(a,h,i)perylene	0.998	0.961	3.7	107	0.00

(#) = Out of Range

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