

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
 Data File : BM003646.D
 Acq On : 20 Dec 2015 08:01
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02055

Quant Time: Dec 21 07:30:26 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:26:15 2015
 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	126	0.00
2	1,4-Dioxane	0.436	0.428	1.8	121	0.00
3 S	1,4-Dioxane-d8	0.371	0.350	5.7	120	0.00
4	Benzaldehyde	0.972	1.072	-10.3	123	0.00
5 S	Phenol-d5	1.685	1.677	0.5	122	0.00
6	Phenol	1.775	1.772	0.2	121	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.898	0.879	2.1	118	0.00
8	Bis(2-Chloroethyl)ether	1.312	1.298	1.1	118	0.00
9 S	2-Chlorophenol-d4	1.376	1.433	-4.1	126	0.00
10	2-Chlorophenol	1.430	1.484	-3.8	124	0.00
11	2-Methylphenol	1.405	1.404	0.1	122	0.00
12	2,2'-oxybis(1-Chloropropane	1.324	1.256	5.1	113	0.00
13 S	4-Methylphenol-d8	1.460	1.445	1.0	121	0.00
14	Acetophenone	2.280	2.281	-0.0	118	0.00
15 P	N-Nitroso-di-n-propylamine	1.105	1.077	2.5	114	0.00
16	4-Methylphenol	1.567	1.552	1.0	120	0.00
17	Hexachloroethane	0.544	0.550	-1.1	124	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	121	0.00
19 S	Nitrobenzene-d5	0.145	0.155	-6.9	125	0.00
20	Nitrobenzene	0.335	0.347	-3.6	120	0.00
21	Isophorone	0.668	0.659	1.3	113	0.00
22 S	2-Nitrophenol-d4	0.163	0.172	-5.5	122	0.00
23 C	2-Nitrophenol	0.181	0.191	-5.5	122	0.00
24	2,4-Dimethylphenol	0.371	0.383	-3.2	118	0.00
25	Bis(2-Chloroethoxy)methane	0.403	0.388	3.7	113	0.00
26 S	2,4-Dichlorophenol-d3	0.298	0.313	-5.0	122	0.00
27 C	2,4-Dichlorophenol	0.310	0.326	-5.2	122	0.00
28	Naphthalene	1.030	1.073	-4.2	121	0.00
29 S	4-Chloroaniline-d4	0.397	0.425	-7.1	119	0.00
30	4-Chloroaniline	0.401	0.431	-7.5	119	0.00
31 C	Hexachlorobutadiene	0.191	0.200	-4.7	124	0.00
32	Caprolactam	0.116	0.109	6.0	111	0.00
33 C	4-Chloro-3-methylphenol	0.363	0.370	-1.9	116	0.00
34	2-Methylnaphthalene	0.770	0.785	-1.9	118	0.00
35	1-Methylnaphthalene	0.731	0.751	-2.7	118	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	115	0.00
37	1,2,4,5-Tetrachlorobenzene	0.605	0.641	-6.0	118	0.00
38	Hexachlorocyclopentadiene	0.324	0.128	60.5#	49	0.00
39 C	2,4,6-Trichlorophenol	0.409	0.427	-4.4	116	0.00
40	2,4,5-Trichlorophenol	0.452	0.478	-5.8	118	0.00
41	1,1'-Biphenyl	1.624	1.661	-2.3	114	0.00
42	2-Chloronaphthalene	1.220	1.280	-4.9	117	0.00
43	2-Nitroaniline	0.338	0.356	-5.3	116	0.00
44 S	Dimethylphthalate-d6	1.653	1.632	1.3	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.691	1.662	1.7	109	0.00
46	2,6-Dinitrotoluene	0.329	0.348	-5.8	116	0.00
47 S	Acenaphthylene-d8	1.882	2.001	-6.3	118	0.00
48	Acenaphthylene	2.058	2.179	-5.9	116	0.00
49	3-Nitroaniline	0.368	0.400	-8.7	117	0.00
50 C	Acenaphthene	1.374	1.430	-4.1	115	0.00
51	2,4-Dinitrophenol	0.175	0.162	7.4	124	0.00
52 S	4-Nitrophenol-d4	0.322	0.324	-0.6	113	0.00
53	4-Nitrophenol	0.272	0.279	-2.6	113	0.00
54	Dibenzofuran	1.962	2.015	-2.7	113	0.00
55	2,4-Dinitrotoluene	0.500	0.534	-6.8	116	0.00
56	2,3,4,6-Tetrachlorophenol	0.389	0.406	-4.4	115	0.00
57	Diethylphthalate	1.789	1.747	2.3	108	0.00
58 S	Fluorene-d10	1.368	1.422	-3.9	115	0.00
59	Fluorene	1.574	1.641	-4.3	113	0.00
60	4-Chlorophenyl-phenylether	0.764	0.778	-1.8	112	0.00
61	4-Nitroaniline	0.408	0.443	-8.6	118	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.113	0.109	3.5	111	0.00
64	4,6-Dinitro-2-methylphenol	0.121	0.118	2.5	111	0.00
65	N-Nitrosodiphenylamine	0.585	0.601	-2.7	111	0.00
66	4-Bromophenyl-phenylether	0.199	0.204	-2.5	114	0.00
67	Hexachlorobenzene	0.221	0.234	-5.9	116	0.00
68	Atrazine	0.225	0.231	-2.7	111	0.00
69 C	Pentachlorophenol	0.125	0.128	-2.4	116	0.00
70	Phenanthrene	1.106	1.149	-3.9	113	0.00
71 S	Anthracene-d10	0.910	0.954	-4.8	114	0.00
72	Anthracene	1.128	1.186	-5.1	113	0.00
73	1,2,3,4-Tetrachlorobenzene	0.274	0.290	-5.8	118	0.00
74	Pentachlorobenzene	0.258	0.271	-5.0	116	0.00
75	Carbazole	1.030	1.114	-8.2	113	0.00
76	Di-n-butylphthalate	1.340	1.349	-0.7	110	0.00
77 C	Fluoranthene	1.272	1.385	-8.9	113	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
79 S	Pyrene-d10	0.874	0.951	-8.8	112	0.00
80	Pyrene	1.151	1.252	-8.8	111	0.00
81	Butylbenzylphthalate	0.544	0.596	-9.6	111	0.00
82	3,3'-Dichlorobenzidine	0.382	0.439	-14.9	109	0.00
83	Benzo(a)anthracene	1.206	1.237	-2.6	104	0.00
84	Bis(2-ethylhexyl)phthalate	0.810	0.844	-4.2	104	0.00
85	Chrysene	1.163	1.176	-1.1	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	82	0.00
87	Di-n-octyl phthalate	1.382	1.794	-29.8#	103	0.00

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88	Benzo(b)fluoranthene	1.206	1.306	-8.3	88	0.00
89	Benzo(k)fluoranthene	1.142	1.253	-9.7	89	0.00
90 S	Benzo(a)pyrene-d12	0.994	1.042	-4.8	83	0.00
91 C	Benzo(a)pyrene	1.153	1.207	-4.7	83	0.00
92	Indeno(1,2,3-cd)pyrene	1.241	1.258	-1.4	75	0.00
93	Dibenzo(a,h)anthracene	1.041	1.064	-2.2	76	0.00
94	Benzo(a,h,i)perylene	1.020	1.050	-2.9	75	0.00

(#) = Out of Range

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