

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021317\
 Data File : BM008991.D
 Acq On : 13 Feb 2017 20:00
 Operator : SJ/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02043

Quant Time: Feb 14 00:19:21 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 14 00:06:01 2017
 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	92	0.00
2	1,4-Dioxane	0.575	0.573	0.3	92	0.00
3 S	1,4-Dioxane-d8	0.520	0.485	6.7	81	0.00
4	Benzaldehyde	1.371	1.579	-15.2	96	0.00
5 S	Phenol-d5	1.777	1.802	-1.4	92	0.00
6	Phenol	1.909	1.933	-1.3	90	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.293	1.419	-9.7	96	0.00
8	Bis(2-Chloroethyl)ether	1.497	1.522	-1.7	89	0.00
9 S	2-Chlorophenol-d4	1.194	1.244	-4.2	92	0.00
10	2-Chlorophenol	1.251	1.296	-3.6	91	0.00
11	2-Methylphenol	1.320	1.380	-4.5	91	0.00
12	2,2'-oxybis(1-Chloropropane	2.397	2.715	-13.3	100	0.00
13 S	4-Methylphenol-d8	1.327	1.350	-1.7	92	0.00
14	Acetophenone	2.307	2.419	-4.9	92	0.00
15 P	N-Nitroso-di-n-propylamine	1.327	1.465	-10.4	94	0.00
16	4-Methylphenol	1.441	1.494	-3.7	91	0.00
17	Hexachloroethane	0.607	0.637	-4.9	94	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
19 S	Nitrobenzene-d5	0.137	0.138	-0.7	88	0.00
20	Nitrobenzene	0.478	0.514	-7.5	95	0.00
21	Isophorone	0.827	0.873	-5.6	94	0.00
22 S	2-Nitrophenol-d4	0.150	0.152	-1.3	87	0.00
23 C	2-Nitrophenol	0.165	0.169	-2.4	90	0.00
24	2,4-Dimethylphenol	0.417	0.441	-5.8	94	0.00
25	Bis(2-Chloroethoxy)methane	0.478	0.501	-4.8	91	0.00
26 S	2,4-Dichlorophenol-d3	0.320	0.331	-3.4	91	0.00
27 C	2,4-Dichlorophenol	0.320	0.330	-3.1	90	0.00
28	Naphthalene	0.997	1.022	-2.5	91	0.00
29 S	4-Chloroaniline-d4	0.325	0.359	-10.5	92	0.00
30	4-Chloroaniline	0.341	0.392	-15.0	97	0.00
31 C	Hexachlorobutadiene	0.263	0.288	-9.5	97	0.00
32	Caprolactam	0.097	0.090	7.2	83	0.00
33 C	4-Chloro-3-methylphenol	0.363	0.390	-7.4	95	0.00
34	2-Methylnaphthalene	0.742	0.784	-5.7	94	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
36	1,2,4,5-Tetrachlorobenzene	0.653	0.661	-1.2	94	0.00
37	Hexachlorocyclopentadiene	0.417	0.422	-1.2	101	0.00
38 C	2,4,6-Trichlorophenol	0.372	0.387	-4.0	96	0.00
39	2,4,5-Trichlorophenol	0.406	0.411	-1.2	94	0.00
40	1,1'-Biphenyl	1.388	1.439	-3.7	95	0.00
41	2-Chloronaphthalene	1.093	1.101	-0.7	93	0.00
42	2-Nitroaniline	0.371	0.411	-10.8	98	0.00
43 S	Dimethylphthalate-d6	1.368	1.410	-3.1	94	0.00
44	Dimethylphthalate	1.368	1.418	-3.7	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.249	0.265	-6.4	95	0.00
46 S	Acenaphthylene-d8	1.652	1.738	-5.2	95	0.00
47	Acenaphthylene	1.639	1.709	-4.3	95	0.00
48	3-Nitroaniline	0.248	0.252	-1.6	91	0.00
49 C	Acenaphthene	1.171	1.216	-3.8	96	0.00
50	2,4-Dinitrophenol	0.176	0.156	11.4	92	0.00
51 S	4-Nitrophenol-d4	0.241	0.230	4.6	92	0.00
52	4-Nitrophenol	0.290	0.303	-4.5	97	0.00
53	Dibenzofuran	1.738	1.787	-2.8	94	0.00
54	2,4-Dinitrotoluene	0.379	0.411	-8.4	99	0.00
55	2,3,4,6-Tetrachlorophenol	0.377	0.406	-7.7	99	0.00
56	Diethylphthalate	1.405	1.500	-6.8	98	0.00
57 S	Fluorene-d10	1.271	1.330	-4.6	96	0.00
58	Fluorene	1.424	1.516	-6.5	97	0.00
59	4-Chlorophenyl-phenylether	0.767	0.816	-6.4	97	0.00
60	4-Nitroaniline	0.287	0.294	-2.4	95	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.119	0.112	5.9	95	0.00
63	4,6-Dinitro-2-methylphenol	0.128	0.122	4.7	98	0.00
64	N-Nitrosodiphenylamine	0.568	0.584	-2.8	98	0.00
65	4-Bromophenyl-phenylether	0.224	0.234	-4.5	100	0.00
66	Hexachlorobenzene	0.252	0.251	0.4	97	0.00
67	Atrazine	0.225	0.230	-2.2	100	0.00
68 C	Pentachlorophenol	0.151	0.143	5.3	97	0.00
69	Phenanthrene	1.085	1.117	-2.9	98	0.00
70 S	Anthracene-d10	0.941	0.963	-2.3	97	0.00
71	Anthracene	1.109	1.145	-3.2	98	0.00
72	Carbazole	0.987	0.999	-1.2	98	0.00
73	Di-n-butylphthalate	1.106	1.162	-5.1	100	0.00
74 C	Fluoranthene	1.323	1.380	-4.3	98	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	98	0.00
76 S	Pyrene-d10	0.857	0.868	-1.3	96	0.00
77	Pyrene	1.099	1.139	-3.6	100	0.00
78	Butylbenzylphthalate	0.388	0.403	-3.9	100	0.00
79	3,3'-Dichlorobenzidine	0.379	0.399	-5.3	99	0.00
80	Benzo(a)anthracene	1.133	1.182	-4.3	99	0.00
81	Bis(2-ethylhexyl)phthalate	0.570	0.604	-6.0	103	0.00
82	Chrysene	1.088	1.111	-2.1	98	0.00
83 I	Perylene-d12	1.000	1.000	0.0	100	0.00
84	Di-n-octyl phthalate	1.102	1.106	-0.4	103	0.00
85	Benzo(b)fluoranthene	1.196	1.238	-3.5	101	0.00
86	Benzo(k)fluoranthene	1.137	1.150	-1.1	98	0.00
87 S	Benzo(a)pyrene-d12	0.901	0.940	-4.3	102	0.00

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88 C	Benzo(a)pyrene	1.136	1.172	-3.2	99	0.00
89	Indeno(1,2,3-cd)pyrene	1.251	1.306	-4.4	101	0.00
90	Dibenzo(a,h)anthracene	1.078	1.104	-2.4	101	0.00
91	Benzo(g,h,i)perylene	1.051	1.078	-2.6	101	0.00

(#) = Out of Range

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