

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004244.D
 Acq On : 13 Feb 2016 00:50
 Operator : SJ/IZ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02063

Quant Time: Feb 13 02:13:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 12 22:29:16 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	107	0.00
2	1,4-Dioxane	0.465	0.478	-2.8	108	0.00
3 S	1,4-Dioxane-d8	0.397	0.439	-10.6	111	0.00
4	Benzaldehyde	0.926	1.050	-13.4	99	0.00
5 S	Phenol-d5	1.607	1.600	0.4	102	0.00
6	Phenol	1.711	1.712	-0.1	102	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.868	0.850	2.1	100	0.00
8	Bis(2-Chloroethyl)ether	1.306	1.312	-0.5	102	0.00
9 S	2-Chlorophenol-d4	1.425	1.438	-0.9	103	0.00
10	2-Chlorophenol	1.481	1.485	-0.3	103	0.00
11	2-Methylphenol	1.348	1.338	0.7	99	0.00
12	2,2'-oxybis(1-Chloropropane	1.273	1.281	-0.6	100	0.00
13 S	4-Methylphenol-d8	1.368	1.363	0.4	99	0.00
14	Acetophenone	2.181	2.199	-0.8	98	0.00
15 P	N-Nitroso-di-n-propylamine	1.052	1.013	3.7	94	0.00
16	4-Methylphenol	1.474	1.470	0.3	98	0.00
17	Hexachloroethane	0.590	0.604	-2.4	107	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
19 S	Nitrobenzene-d5	0.154	0.157	-1.9	99	0.00
20	Nitrobenzene	0.350	0.349	0.3	97	0.00
21	Isophorone	0.670	0.658	1.8	93	0.00
22 S	2-Nitrophenol-d4	0.172	0.176	-2.3	98	0.00
23 C	2-Nitrophenol	0.193	0.198	-2.6	98	0.00
24	2,4-Dimethylphenol	0.388	0.386	0.5	95	0.00
25	Bis(2-Chloroethoxy)methane	0.413	0.413	0.0	96	0.00
26 S	2,4-Dichlorophenol-d3	0.310	0.312	-0.6	97	0.00
27 C	2,4-Dichlorophenol	0.322	0.331	-2.8	98	0.00
28	Naphthalene	1.112	1.131	-1.7	99	0.00
29 S	4-Chloroaniline-d4	0.369	0.407	-10.3	95	0.00
30	4-Chloroaniline	0.392	0.433	-10.5	95	0.00
31 C	Hexachlorobutadiene	0.217	0.226	-4.1	103	0.00
32	Caprolactam	0.093	0.085	8.6	81	0.00
33 C	4-Chloro-3-methylphenol	0.358	0.349	2.5	91	0.00
34	2-Methylnaphthalene	0.803	0.803	0.0	96	0.00
35	1-Methylnaphthalene	0.759	0.752	0.9	95	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
37	1,2,4,5-Tetrachlorobenzene	0.700	0.735	-5.0	96	0.00
38	Hexachlorocyclopentadiene	0.331	0.281	15.1	93	0.00
39 C	2,4,6-Trichlorophenol	0.443	0.446	-0.7	90	0.00
40	2,4,5-Trichlorophenol	0.477	0.487	-2.1	91	0.00
41	1,1'-Biphenyl	1.788	1.850	-3.5	94	0.00
42	2-Chloronaphthalene	1.360	1.408	-3.5	94	0.00
43	2-Nitroaniline	0.332	0.331	0.3	86	0.00
44 S	Dimethylphthalate-d6	1.664	1.671	-0.4	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.739	1.728	0.6	86	0.00
46	2,6-Dinitrotoluene	0.343	0.346	-0.9	86	0.00
47 S	Acenaphthylene-d8	2.022	2.090	-3.4	92	0.00
48	Acenaphthylene	2.208	2.263	-2.5	91	0.00
49	3-Nitroaniline	0.325	0.347	-6.8	86	0.00
50 C	Acenaphthene	1.496	1.534	-2.5	92	0.00
51	2,4-Dinitrophenol	0.166	0.139	16.3	84	0.00
52 S	4-Nitrophenol-d4	0.269	0.265	1.5	86	0.00
53	4-Nitrophenol	0.215	0.210	2.3	83	0.00
54	Dibenzofuran	2.068	2.127	-2.9	92	0.00
55	2,4-Dinitrotoluene	0.493	0.497	-0.8	84	0.00
56	2,3,4,6-Tetrachlorophenol	0.386	0.388	-0.5	88	0.00
57	Diethylphthalate	1.747	1.752	-0.3	86	0.00
58 S	Fluorene-d10	1.403	1.424	-1.5	89	0.00
59	Fluorene	1.666	1.700	-2.0	88	0.00
60	4-Chlorophenyl-phenylether	0.827	0.849	-2.7	90	0.00
61	4-Nitroaniline	0.363	0.372	-2.5	85	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.122	0.115	5.7	84	0.00
64	4,6-Dinitro-2-methylphenol	0.133	0.128	3.8	84	0.00
65	N-Nitrosodiphenylamine	0.675	0.689	-2.1	87	0.00
66	4-Bromophenyl-phenylether	0.232	0.237	-2.2	87	0.00
67	Hexachlorobenzene	0.260	0.267	-2.7	87	0.00
68	Atrazine	0.233	0.238	-2.1	84	0.00
69 C	Pentachlorophenol	0.121	0.111	8.3	81	0.00
70	Phenanthrene	1.210	1.255	-3.7	87	0.00
71 S	Anthracene-d10	0.978	1.007	-3.0	86	0.00
72	Anthracene	1.228	1.271	-3.5	86	0.00
73	1,2,3,4-Tetrachlorobenzene	0.311	0.328	-5.5	95	0.00
74	Pentachlorobenzene	0.306	0.316	-3.3	91	0.00
75	Carbazole	1.032	1.099	-6.5	86	0.00
76	Di-n-butylphthalate	1.337	1.375	-2.8	85	0.00
77 C	Fluoranthene	1.267	1.369	-8.1	87	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
79 S	Pyrene-d10	1.062	1.018	4.1	89	0.00
80	Pyrene	1.446	1.371	5.2	87	0.00
81	Butylbenzylphthalate	0.579	0.575	0.7	92	0.00
82	3,3'-Dichlorobenzidine	0.403	0.444	-10.2	104	0.00
83	Benzo(a)anthracene	1.288	1.330	-3.3	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.847	0.866	-2.2	97	0.00
85	Chrysene	1.215	1.258	-3.5	100	0.00
86 I	Perylene-d12	1.000	1.000	0.0	119	0.00
87	Di-n-octyl phthalate	1.526	1.521	0.3	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.323	1.302	1.6	108	0.00
89	Benzo(k)fluoranthene	1.264	1.302	-3.0	118	0.00
90 S	Benzo(a)pyrene-d12	1.067	1.091	-2.2	116	0.00
91 C	Benzo(a)pyrene	1.258	1.288	-2.4	115	0.00
92	Indeno(1,2,3-cd)pyrene	1.425	1.506	-5.7	123	0.00
93	Dibenzo(a,h)anthracene	1.196	1.251	-4.6	122	0.00
94	Benzo(a,h,i)perylene	1.204	1.263	-4.9	123	0.00

(#) = Out of Range

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