

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022316\
 Data File : BM004358.D
 Acq On : 23 Feb 2016 20:10
 Operator : SJ/UM
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02052

Quant Time: Feb 24 02:52:43 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 01:02:10 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	133	0.00
2	1,4-Dioxane	0.437	0.461	-5.5	132	0.00
3 S	1,4-Dioxane-d8	0.379	0.392	-3.4	128	0.00
4	Benzaldehyde	0.907	0.987	-8.8	120	0.00
5 S	Phenol-d5	1.677	1.525	9.1	118	0.00
6	Phenol	1.788	1.626	9.1	118	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.853	0.810	5.0	120	0.00
8	Bis(2-Chloroethyl)ether	1.324	1.246	5.9	120	0.00
9 S	2-Chlorophenol-d4	1.446	1.346	6.9	119	0.00
10	2-Chlorophenol	1.503	1.433	4.7	123	0.00
11	2-Methylphenol	1.458	1.290	11.5	116	0.00
12	2,2'-oxybis(1-Chloropropane	1.271	1.203	5.4	119	0.00
13 S	4-Methylphenol-d8	1.499	1.324	11.7	114	0.00
14	Acetophenone	2.348	2.146	8.6	113	0.00
15 P	N-Nitroso-di-n-propylamine	1.128	0.994	11.9	112	0.00
16	4-Methylphenol	1.599	1.439	10.0	114	0.00
17	Hexachloroethane	0.571	0.550	3.7	124	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	125	0.00
19 S	Nitrobenzene-d5	0.152	0.144	5.3	113	0.00
20	Nitrobenzene	0.333	0.323	3.0	115	0.00
21	Isophorone	0.689	0.637	7.5	110	0.00
22 S	2-Nitrophenol-d4	0.173	0.163	5.8	111	0.00
23 C	2-Nitrophenol	0.195	0.187	4.1	112	0.00
24	2,4-Dimethylphenol	0.390	0.373	4.4	114	0.00
25	Bis(2-Chloroethoxy)methane	0.415	0.393	5.3	113	0.00
26 S	2,4-Dichlorophenol-d3	0.314	0.296	5.7	112	0.00
27 C	2,4-Dichlorophenol	0.330	0.317	3.9	113	0.00
28	Naphthalene	1.115	1.077	3.4	115	0.00
29 S	4-Chloroaniline-d4	0.391	0.400	-2.3	111	0.00
30	4-Chloroaniline	0.412	0.422	-2.4	110	0.00
31 C	Hexachlorobutadiene	0.207	0.207	0.0	121	0.00
32	Caprolactam	0.115	0.090	21.7#	95	0.00
33 C	4-Chloro-3-methylphenol	0.387	0.346	10.6	106	0.00
34	2-Methylnaphthalene	0.834	0.785	5.9	112	0.00
35	1-Methylnaphthalene	0.794	0.743	6.4	111	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	115	0.00
37	1,2,4,5-Tetrachlorobenzene	0.665	0.671	-0.9	112	0.00
38	Hexachlorocyclopentadiene	0.248	0.188	24.2#	108	0.00
39 C	2,4,6-Trichlorophenol	0.432	0.402	6.9	103	0.00
40	2,4,5-Trichlorophenol	0.469	0.449	4.3	104	0.00
41	1,1'-Biphenyl	1.719	1.715	0.2	110	0.00
42	2-Chloronaphthalene	1.308	1.304	0.3	110	0.00
43	2-Nitroaniline	0.330	0.300	9.1	98	0.00
44 S	Dimethylphthalate-d6	1.715	1.612	6.0	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.789	1.703	4.8	105	0.00
46	2,6-Dinitrotoluene	0.359	0.341	5.0	104	0.00
47 S	Acenaphthylene-d8	2.008	1.968	2.0	108	0.00
48	Acenaphthylene	2.185	2.139	2.1	107	0.00
49	3-Nitroaniline	0.356	0.338	5.1	99	0.00
50 C	Acenaphthene	1.492	1.451	2.7	107	0.00
51	2,4-Dinitrophenol	0.163	0.104	36.2#	90	0.00
52 S	4-Nitrophenol-d4	0.276	0.217	21.4#	91	0.00
53	4-Nitrophenol	0.206	0.163	20.9#	91	0.00
54	Dibenzofuran	2.084	2.043	2.0	107	0.00
55	2,4-Dinitrotoluene	0.536	0.505	5.8	102	0.00
56	2,3,4,6-Tetrachlorophenol	0.389	0.349	10.3	99	0.00
57	Diethylphthalate	1.851	1.733	6.4	103	0.00
58 S	Fluorene-d10	1.459	1.394	4.5	106	0.00
59	Fluorene	1.727	1.668	3.4	105	0.00
60	4-Chlorophenyl-phenylether	0.847	0.822	3.0	105	0.00
61	4-Nitroaniline	0.384	0.346	9.9	97	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.123	0.108	12.2	96	0.00
64	4,6-Dinitro-2-methylphenol	0.132	0.118	10.6	98	0.00
65	N-Nitrosodiphenylamine	0.640	0.652	-1.9	104	0.00
66	4-Bromophenyl-phenylether	0.218	0.220	-0.9	104	0.00
67	Hexachlorobenzene	0.242	0.242	0.0	102	0.00
68	Atrazine	0.237	0.230	3.0	97	0.00
69 C	Pentachlorophenol	0.096	0.070	27.1#	84	0.00
70	Phenanthrene	1.201	1.183	1.5	100	0.00
71 S	Anthracene-d10	0.980	0.965	1.5	100	0.00
72	Anthracene	1.220	1.201	1.6	100	0.00
73	1,2,3,4-Tetrachlorobenzene	0.266	0.288	-8.3	110	0.00
74	Pentachlorobenzene	0.274	0.285	-4.0	106	0.00
75	Carbazole	1.064	1.026	3.6	96	0.00
76	Di-n-butylphthalate	1.476	1.295	12.3	93	0.00
77 C	Fluoranthene	1.361	1.265	7.1	91	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	81	0.00
79 S	Pyrene-d10	0.967	1.106	-14.4	89	0.00
80	Pyrene	1.307	1.504	-15.1	89	0.00
81	Butylbenzylphthalate	0.575	0.564	1.9	77	0.00
82	3,3'-Dichlorobenzidine	0.403	0.385	4.5	69	0.00
83	Benzo(a)anthracene	1.287	1.238	3.8	75	0.00
84	Bis(2-ethylhexyl)phthalate	0.850	0.802	5.6	72	0.00
85	Chrysene	1.238	1.213	2.0	76	0.00
86 I	Perylene-d12	1.000	1.000	0.0	75	0.00
87	Di-n-octyl phthalate	1.646	1.483	9.9	65	0.00

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88	Benzo(b)fluoranthene	1.351	1.306	3.3	68	0.00
89	Benzo(k)fluoranthene	1.273	1.195	6.1	68	0.00
90 S	Benzo(a)pyrene-d12	1.050	1.008	4.0	68	0.00
91 C	Benzo(a)pyrene	1.256	1.210	3.7	68	0.00
92	Indeno(1,2,3-cd)pyrene	1.175	1.348	-14.7	79	0.00
93	Dibenzo(a,h)anthracene	0.969	1.131	-16.7	81	0.00
94	Benzo(g,h,i)perylene	0.966	1.170	-21.1#	85	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 1