

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020916\
 Data File : BM004215.D
 Acq On : 09 Feb 2016 09:47
 Operator : SJ/IZ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02054

Quant Time: Feb 10 01:36:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 01:37:43 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	0.468	0.423	9.6	119	0.00
3 S	1,4-Dioxane-d8	0.378	0.369	2.4	128	0.00
4	Benzaldehyde	1.132	1.123	0.8	124	0.00
5 S	Phenol-d5	1.951	1.750	10.3	128	0.00
6	Phenol	2.121	1.856	12.5	125	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.039	0.883	15.0	117	0.00
8	Bis(2-Chloroethyl)ether	1.502	1.338	10.9	122	0.00
9 S	2-Chlorophenol-d4	1.519	1.473	3.0	134	0.00
10	2-Chlorophenol	1.598	1.526	4.5	132	0.00
11	2-Methylphenol	1.633	1.494	8.5	129	0.00
12	2,2'-oxybis(1-Chloropropane	1.638	1.313	19.8	108	0.00
13 S	4-Methylphenol-d8	1.674	1.536	8.2	131	0.00
14	Acetophenone	2.669	2.471	7.4	126	0.00
15 P	N-Nitroso-di-n-propylamine	1.311	1.155	11.9	119	0.00
16	4-Methylphenol	1.849	1.671	9.6	127	0.00
17	Hexachloroethane	0.582	0.575	1.2	134	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	136	0.00
19 S	Nitrobenzene-d5	0.148	0.153	-3.4	135	0.00
20	Nitrobenzene	0.366	0.353	3.6	125	0.00
21	Isophorone	0.741	0.685	7.6	120	0.00
22 S	2-Nitrophenol-d4	0.164	0.169	-3.0	134	0.00
23 C	2-Nitrophenol	0.189	0.193	-2.1	130	0.00
24	2,4-Dimethylphenol	0.402	0.394	2.0	126	0.00
25	Bis(2-Chloroethoxy)methane	0.435	0.401	7.8	119	0.00
26 S	2,4-Dichlorophenol-d3	0.306	0.319	-4.2	134	0.00
27 C	2,4-Dichlorophenol	0.326	0.338	-3.7	133	0.00
28	Naphthalene	1.126	1.103	2.0	128	0.00
29 S	4-Chloroaniline-d4	0.389	0.429	-10.3	140	0.00
30	4-Chloroaniline	0.418	0.461	-10.3	141	0.00
31 C	Hexachlorobutadiene	0.189	0.201	-6.3	137	0.00
32	Caprolactam	0.128	0.113	11.7	123	0.00
33 C	4-Chloro-3-methylphenol	0.404	0.396	2.0	127	0.00
34	2-Methylnaphthalene	0.849	0.823	3.1	127	0.00
35	1-Methylnaphthalene	0.810	0.790	2.5	127	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	132	0.00
37	1,2,4,5-Tetrachlorobenzene	0.616	0.668	-8.4	135	0.00
38	Hexachlorocyclopentadiene	0.251	0.174	30.7#	103	0.00
39 C	2,4,6-Trichlorophenol	0.412	0.443	-7.5	134	0.00
40	2,4,5-Trichlorophenol	0.458	0.484	-5.7	130	0.00
41	1,1'-Biphenyl	1.711	1.729	-1.1	128	0.00
42	2-Chloronaphthalene	1.292	1.336	-3.4	129	0.00
43	2-Nitroaniline	0.372	0.370	0.5	124	0.00
44 S	Dimethylphthalate-d6	1.721	1.648	4.2	120	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.813	1.740	4.0	121	0.00
46	2,6-Dinitrotoluene	0.349	0.365	-4.6	130	0.00
47 S	Acenaphthylene-d8	2.003	2.060	-2.8	129	0.00
48	Acenaphthylene	2.209	2.225	-0.7	126	0.00
49	3-Nitroaniline	0.380	0.389	-2.4	129	0.00
50 C	Acenaphthene	1.499	1.496	0.2	126	0.00
51	2,4-Dinitrophenol	0.196	0.134	31.6#	103	0.00
52 S	4-Nitrophenol-d4	0.344	0.273	20.6#	103	0.00
53	4-Nitrophenol	0.278	0.223	19.8	104	0.00
54	Dibenzofuran	2.131	2.131	0.0	126	0.00
55	2,4-Dinitrotoluene	0.552	0.560	-1.4	126	0.00
56	2,3,4,6-Tetrachlorophenol	0.406	0.407	-0.2	126	0.00
57	Diethylphthalate	1.886	1.805	4.3	121	0.00
58 S	Fluorene-d10	1.476	1.469	0.5	126	0.00
59	Fluorene	1.772	1.756	0.9	124	0.00
60	4-Chlorophenyl-phenylether	0.836	0.829	0.8	125	0.00
61	4-Nitroaniline	0.464	0.440	5.2	117	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	129	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.123	0.103	16.3	110	0.00
64	4,6-Dinitro-2-methylphenol	0.135	0.115	14.8	109	0.00
65	N-Nitrosodiphenylamine	0.623	0.632	-1.4	124	0.00
66	4-Bromophenyl-phenylether	0.203	0.213	-4.9	127	0.00
67	Hexachlorobenzene	0.236	0.248	-5.1	129	0.00
68	Atrazine	0.232	0.231	0.4	121	0.00
69 C	Pentachlorophenol	0.123	0.113	8.1	121	0.00
70	Phenanthrene	1.221	1.216	0.4	121	0.00
71 S	Anthracene-d10	0.973	0.983	-1.0	123	0.00
72	Anthracene	1.238	1.236	0.2	121	0.00
73	1,2,3,4-Tetrachlorobenzene	0.240	0.264	-10.0	134	0.00
74	Pentachlorobenzene	0.253	0.273	-7.9	131	0.00
75	Carbazole	1.126	1.122	0.4	118	0.00
76	Di-n-butylphthalate	1.348	1.343	0.4	120	0.00
77 C	Fluoranthene	1.421	1.441	-1.4	119	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	114	0.00
79 S	Pyrene-d10	0.896	0.963	-7.5	118	0.00
80	Pyrene	1.230	1.316	-7.0	118	0.00
81	Butylbenzylphthalate	0.523	0.564	-7.8	118	0.00
82	3,3'-Dichlorobenzidine	0.411	0.413	-0.5	104	0.00
83	Benzo(a)anthracene	1.273	1.285	-0.9	110	0.00
84	Bis(2-ethylhexyl)phthalate	0.788	0.831	-5.5	113	0.00
85	Chrysene	1.211	1.229	-1.5	111	0.00
86 I	Perylene-d12	1.000	1.000	0.0	93	0.00
87	Di-n-octyl phthalate	1.344	1.707	-27.0#	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.277	1.396	-9.3	97	0.00
89	Benzo(k)fluoranthene	1.189	1.292	-8.7	96	0.00
90 S	Benzo(a)pyrene-d12	1.043	1.076	-3.2	92	0.00
91 C	Benzo(a)pyrene	1.233	1.259	-2.1	91	0.00
92	Indeno(1,2,3-cd)pyrene	1.472	1.233	16.2	74	0.00
93	Dibenzo(a,h)anthracene	1.228	1.043	15.1	75	0.00
94	Benzo(a,h,i)perylene	1.255	0.991	21.0#	70	0.00

(#) = Out of Range

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