

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005263.D
 Acq On : 06 May 2016 10:24
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Quant Time: May 06 13:16:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:26:22 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	96	0.00
2	1,4-Dioxane	0.776	0.739	4.8	86	0.00
3 S	1,4-Dioxane-d8	0.425	0.401	5.6	88	0.00
4	Benzaldehyde	0.879	1.139	-29.6#	95	0.00
5 S	Phenol-d5	1.814	1.832	-1.0	95	0.00
6	Phenol	1.875	1.931	-3.0	95	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.035	1.035	0.0	90	0.00
8	Bis(2-Chloroethyl)ether	1.411	1.427	-1.1	91	0.00
9 S	2-Chlorophenol-d4	1.370	1.405	-2.6	95	0.00
10	2-Chlorophenol	1.401	1.426	-1.8	94	0.00
11	2-Methylphenol	1.449	1.497	-3.3	97	0.00
12	2,2'-oxybis(1-Chloropropane	1.915	1.933	-0.9	92	0.00
13 S	4-Methylphenol-d8	1.499	1.532	-2.2	96	0.00
14	Acetophenone	2.221	2.401	-8.1	96	0.00
15 P	N-Nitroso-di-n-propylamine	1.161	1.223	-5.3	96	0.00
16	4-Methylphenol	1.608	1.670	-3.9	95	0.00
17	Hexachloroethane	0.527	0.548	-4.0	98	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	98	0.00
19 S	Nitrobenzene-d5	0.143	0.149	-4.2	99	0.00
20	Nitrobenzene	0.357	0.359	-0.6	95	0.00
21	Isophorone	0.694	0.716	-3.2	97	0.00
22 S	2-Nitrophenol-d4	0.162	0.169	-4.3	97	0.00
23 C	2-Nitrophenol	0.174	0.182	-4.6	98	0.00
24	2,4-Dimethylphenol	0.370	0.384	-3.8	98	0.00
25	Bis(2-Chloroethoxy)methane	0.432	0.428	0.9	94	0.00
26 S	2,4-Dichlorophenol-d3	0.300	0.315	-5.0	98	0.00
27 C	2,4-Dichlorophenol	0.308	0.320	-3.9	97	0.00
28	Naphthalene	1.006	1.029	-2.3	97	0.00
29 S	4-Chloroaniline-d4	0.362	0.437	-20.7#	100	0.00
30	4-Chloroaniline	0.369	0.442	-19.8	100	0.00
31 C	Hexachlorobutadiene	0.183	0.193	-5.5	101	0.00
32	Caprolactam	0.115	0.117	-1.7	100	0.00
33 C	4-Chloro-3-methylphenol	0.369	0.389	-5.4	99	0.00
34	2-Methylnaphthalene	0.753	0.781	-3.7	98	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
36	1,2,4,5-Tetrachlorobenzene	0.608	0.617	-1.5	99	0.00
37	Hexachlorocyclopentadiene	0.311	0.283	9.0	97	0.00
38 C	2,4,6-Trichlorophenol	0.405	0.411	-1.5	99	0.00
39	2,4,5-Trichlorophenol	0.450	0.460	-2.2	101	0.00
40	1,1'-Biphenyl	1.584	1.592	-0.5	98	0.00
41	2-Chloronaphthalene	1.198	1.213	-1.3	99	0.00
42	2-Nitroaniline	0.369	0.384	-4.1	99	0.00
43 S	Dimethylphthalate-d6	1.603	1.602	0.1	97	0.00
44	Dimethylphthalate	1.602	1.604	-0.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.316	0.335	-6.0	101	0.00
46 S	Acenaphthylene-d8	1.880	1.934	-2.9	99	0.00
47	Acenaphthylene	1.989	2.055	-3.3	100	0.00
48	3-Nitroaniline	0.337	0.371	-10.1	102	0.00
49 C	Acenaphthene	1.311	1.339	-2.1	101	0.00
50	2,4-Dinitrophenol	0.182	0.163	10.4	106	0.00
51 S	4-Nitrophenol-d4	0.293	0.289	1.4	97	0.00
52	4-Nitrophenol	0.243	0.246	-1.2	101	0.00
53	Dibenzofuran	1.902	1.951	-2.6	100	0.00
54	2,4-Dinitrotoluene	0.471	0.505	-7.2	103	0.00
55	2,3,4,6-Tetrachlorophenol	0.382	0.407	-6.5	104	0.00
56	Diethylphthalate	1.618	1.646	-1.7	99	0.00
57 S	Fluorene-d10	1.384	1.405	-1.5	100	0.00
58	Fluorene	1.487	1.555	-4.6	103	0.00
59	4-Chlorophenyl-phenylether	0.737	0.770	-4.5	103	0.00
60	4-Nitroaniline	0.357	0.395	-10.6	107	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.113	0.119	-5.3	106	0.00
63	4,6-Dinitro-2-methylphenol	0.118	0.124	-5.1	103	0.00
64	N-Nitrosodiphenylamine	0.548	0.585	-6.8	102	0.00
65	4-Bromophenyl-phenylether	0.192	0.203	-5.7	101	0.00
66	Hexachlorobenzene	0.215	0.227	-5.6	100	0.00
67	Atrazine	0.200	0.222	-11.0	100	0.00
68 C	Pentachlorophenol	0.120	0.125	-4.2	104	0.00
69	Phenanthrene	1.052	1.097	-4.3	99	0.00
70 S	Anthracene-d10	0.884	0.935	-5.8	101	0.00
71	Anthracene	1.048	1.111	-6.0	101	0.00
72	Carbazole	0.922	1.023	-11.0	98	0.00
73	Di-n-butylphthalate	1.125	1.200	-6.7	99	0.00
74 C	Fluoranthene	1.165	1.317	-13.0	97	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	97	0.00
76 S	Pyrene-d10	0.923	0.963	-4.3	98	0.00
77	Pyrene	1.160	1.220	-5.2	98	0.00
78	Butylbenzylphthalate	0.482	0.523	-8.5	101	0.00
79	3,3'-Dichlorobenzidine	0.360	0.403	-11.9	97	0.00
80	Benzo(a)anthracene	1.150	1.185	-3.0	96	0.00
81	Bis(2-ethylhexyl)phthalate	0.669	0.742	-10.9	99	0.00
82	Chrysene	1.091	1.140	-4.5	97	0.00
83 I	Perylene-d12	1.000	1.000	0.0	91	0.00
84	Di-n-octyl phthalate	1.168	1.376	-17.8	99	0.00
85	Benzo(b)fluoranthene	1.169	1.203	-2.9	93	0.00
86	Benzo(k)fluoranthene	1.101	1.197	-8.7	94	0.00
87 S	Benzo(a)pyrene-d12	0.885	0.925	-4.5	93	0.00

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88 C	Benzo(a)pyrene	1.106	1.156	-4.5	92	0.00
89	Indeno(1,2,3-cd)pyrene	1.206	1.151	4.6	84	-0.01
90	Dibenzo(a,h)anthracene	1.010	0.995	1.5	86	-0.01
91	Benzo(g,h,i)perylene	1.022	0.930	9.0	81	-0.01

(#) = Out of Range

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