

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
 Data File : BM010697.D
 Acq On : 23 Jun 2017 19:26
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02047

Quant Time: Jun 24 04:35:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 03:35:21 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
2	1,4-Dioxane	0.390	0.408	-4.6	75	0.00
3 S	1,4-Dioxane-d8	0.349	0.395	-13.2	84	0.00
4	Benzaldehyde	1.121	1.161	-3.6	67	0.00
5 S	Phenol-d5	1.905	1.651	13.3	69	0.00
6	Phenol	1.962	1.721	12.3	70	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.088	0.949	12.8	66	0.00
8	Bis(2-Chloroethyl)ether	1.429	1.249	12.6	68	0.00
9 S	2-Chlorophenol-d4	1.337	1.256	6.1	74	0.00
10	2-Chlorophenol	1.336	1.214	9.1	70	0.00
11	2-Methylphenol	1.496	1.366	8.7	72	0.00
12	2,2'-oxybis(1-Chloropropane	0.997	0.814	18.4	62	0.00
13 S	4-Methylphenol-d8	1.580	1.474	6.7	73	0.00
14	Acetophenone	2.579	2.303	10.7	70	0.00
15 P	N-Nitroso-di-n-propylamine	1.390	1.257	9.6	69	0.00
16	4-Methylphenol	1.646	1.497	9.1	72	0.00
17	Hexachloroethane	0.594	0.590	0.7	77	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	76	0.00
19 S	Nitrobenzene-d5	0.143	0.148	-3.5	80	0.01
20	Nitrobenzene	0.416	0.425	-2.2	76	0.00
21	Isophorone	0.828	0.750	9.4	66	0.00
22 S	2-Nitrophenol-d4	0.164	0.170	-3.7	78	0.00
23 C	2-Nitrophenol	0.174	0.183	-5.2	77	0.00
24	2,4-Dimethylphenol	0.443	0.458	-3.4	78	0.00
25	Bis(2-Chloroethoxy)methane	0.459	0.422	8.1	68	0.00
26 S	2,4-Dichlorophenol-d3	0.346	0.354	-2.3	77	0.00
27 C	2,4-Dichlorophenol	0.337	0.349	-3.6	77	0.00
28	Naphthalene	0.995	1.002	-0.7	75	0.00
29 S	4-Chloroaniline-d4	0.365	0.412	-12.9	73	0.00
30	4-Chloroaniline	0.367	0.403	-9.8	73	0.00
31 C	Hexachlorobutadiene	0.254	0.272	-7.1	79	0.00
32	Caprolactam	0.118	0.101	14.4	61	0.00
33 C	4-Chloro-3-methylphenol	0.430	0.425	1.2	72	0.00
34	2-Methylnaphthalene	0.800	0.810	-1.3	76	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	78	0.00
36	1,2,4,5-Tetrachlorobenzene	0.706	0.722	-2.3	78	0.00
37	Hexachlorocyclopentadiene	0.406	0.386	4.9	78	0.00
38 C	2,4,6-Trichlorophenol	0.482	0.490	-1.7	78	0.00
39	2,4,5-Trichlorophenol	0.498	0.511	-2.6	79	0.00
40	1,1'-Biphenyl	1.564	1.563	0.1	78	0.00
41	2-Chloronaphthalene	1.230	1.236	-0.5	78	0.00
42	2-Nitroaniline	0.360	0.392	-8.9	84	0.00
43 S	Dimethylphthalate-d6	1.756	1.743	0.7	76	0.00
44	Dimethylphthalate	1.721	1.710	0.6	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.298	0.334	-12.1	87	0.00
46 S	Acenaphthylene-d8	2.042	2.008	1.7	76	0.00
47	Acenaphthylene	1.945	1.913	1.6	76	0.00
48	3-Nitroaniline	0.301	0.326	-8.3	83	0.00
49 C	Acenaphthene	1.312	1.276	2.7	76	0.00
50	2,4-Dinitrophenol	0.216	0.227	-5.1	93	0.00
51 S	4-Nitrophenol-d4	0.309	0.280	9.4	73	0.00
52	4-Nitrophenol	0.392	0.460	-17.3	91	0.00
53	Dibenzofuran	1.987	1.987	0.0	77	0.00
54	2,4-Dinitrotoluene	0.462	0.498	-7.8	83	0.00
55	2,3,4,6-Tetrachlorophenol	0.504	0.500	0.8	76	0.00
56	Diethylphthalate	1.811	1.799	0.7	77	0.00
57 S	Fluorene-d10	1.518	1.539	-1.4	79	0.00
58	Fluorene	1.664	1.642	1.3	77	0.00
59	4-Chlorophenyl-phenylether	0.904	0.920	-1.8	79	0.00
60	4-Nitroaniline	0.355	0.339	4.5	77	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.123	0.123	0.0	86	0.00
63	4,6-Dinitro-2-methylphenol	0.131	0.128	2.3	84	0.00
64	N-Nitrosodiphenylamine	0.555	0.533	4.0	76	0.00
65	4-Bromophenyl-phenylether	0.229	0.227	0.9	79	0.00
66	Hexachlorobenzene	0.241	0.239	0.8	79	0.00
67	Atrazine	0.234	0.241	-3.0	80	0.00
68 C	Pentachlorophenol	0.170	0.160	5.9	76	0.00
69	Phenanthrene	1.063	1.040	2.2	78	0.00
70 S	Anthracene-d10	0.966	0.954	1.2	77	0.00
71	Anthracene	1.095	1.071	2.2	77	0.00
72	Carbazole	0.956	0.900	5.9	74	0.00
73	Di-n-butylphthalate	1.215	1.153	5.1	74	0.00
74 C	Fluoranthene	1.370	1.325	3.3	77	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	73	0.00
76 S	Pyrene-d10	0.929	1.006	-8.3	76	0.00
77	Pyrene	1.155	1.218	-5.5	74	0.00
78	Butylbenzylphthalate	0.434	0.478	-10.1	78	0.00
79	3,3'-Dichlorobenzidine	0.400	0.401	-0.3	70	0.00
80	Benzo(a)anthracene	1.165	1.192	-2.3	73	0.00
81	Bis(2-ethylhexyl)phthalate	0.663	0.694	-4.7	74	0.00
82	Chrysene	1.038	1.059	-2.0	72	0.00
83 I	Perylene-d12	1.000	1.000	0.0	59	0.00
84	Di-n-octyl phthalate	1.398	1.598	-14.3	74	0.00
85	Benzo(b)fluoranthene	1.298	1.427	-9.9	65	0.00
86	Benzo(k)fluoranthene	1.231	1.270	-3.2	60	0.00
87 S	Benzo(a)pyrene-d12	0.967	1.001	-3.5	61	0.00

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88 C	Benzo(a)pyrene	1.195	1.222	-2.3	60	0.00
89	Indeno(1,2,3-cd)pyrene	1.240	1.220	1.6	57	0.01
90	Dibenzo(a,h)anthracene	1.033	1.026	0.7	57	0.00
91	Benzo(a,h,i)perylene	0.987	0.979	0.8	57	0.00

(#) = Out of Range

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