

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080216\  
 Data File : BM006835.D  
 Acq On : 02 Aug 2016 16:08  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02034

Quant Time: Aug 03 04:35:25 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 28 01:25:43 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	57	0.00
2	1,4-Dioxane	0.529	0.609	-15.1	67	0.00
3 S	1,4-Dioxane-d8	0.515	0.601	-16.7	70	0.00
4	Benzaldehyde	1.123	1.062	5.4	51	0.00
5 S	Phenol-d5	1.758	1.615	8.1	51	0.00
6	Phenol	1.858	1.747	6.0	52	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.080	0.990	8.3	51	0.00
8	Bis(2-Chloroethyl)ether	1.404	1.339	4.6	52	0.00
9 S	2-Chlorophenol-d4	1.379	1.364	1.1	55	0.00
10	2-Chlorophenol	1.410	1.372	2.7	54	0.00
11	2-Methylphenol	1.392	1.268	8.9	50	0.00
12	2,2'-oxybis(1-Chloropropane	2.037	2.077	-2.0	56	0.00
13 S	4-Methylphenol-d8	1.379	1.272	7.8	51	0.00
14	Acetophenone	2.148	2.112	1.7	53	0.00
15 P	N-Nitroso-di-n-propylamine	1.175	1.079	8.2	50	0.00
16	4-Methylphenol	1.479	1.401	5.3	51	0.00
17	Hexachloroethane	0.598	0.578	3.3	55	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	54	0.00
19 S	Nitrobenzene-d5	0.154	0.145	5.8	49	0.00
20	Nitrobenzene	0.395	0.399	-1.0	53	0.00
21	Isophorone	0.742	0.677	8.8	48	0.00
22 S	2-Nitrophenol-d4	0.167	0.169	-1.2	54	0.00
23 C	2-Nitrophenol	0.183	0.180	1.6	52	0.00
24	2,4-Dimethylphenol	0.389	0.396	-1.8	54	0.00
25	Bis(2-Chloroethoxy)methane	0.457	0.419	8.3	48	0.00
26 S	2,4-Dichlorophenol-d3	0.306	0.315	-2.9	54	0.00
27 C	2,4-Dichlorophenol	0.303	0.317	-4.6	55	0.00
28	Naphthalene	1.000	1.016	-1.6	54	0.00
29 S	4-Chloroaniline-d4	0.311	0.357	-14.8	63	0.00
30	4-Chloroaniline	0.320	0.374	-16.9	64	0.00
31 C	Hexachlorobutadiene	0.191	0.221	-15.7	62	0.00
32	Caprolactam	0.111	0.110	0.9	52	0.00
33 C	4-Chloro-3-methylphenol	0.355	0.359	-1.1	52	0.00
34	2-Methylnaphthalene	0.735	0.781	-6.3	55	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	58	0.00
36	1,2,4,5-Tetrachlorobenzene	0.643	0.684	-6.4	61	0.00
37	Hexachlorocyclopentadiene	0.276	0.370	-34.1#	89	0.00
38 C	2,4,6-Trichlorophenol	0.431	0.454	-5.3	59	0.00
39	2,4,5-Trichlorophenol	0.446	0.477	-7.0	61	0.00
40	1,1'-Biphenyl	1.628	1.602	1.6	56	0.00
41	2-Chloronaphthalene	1.262	1.267	-0.4	57	0.00
42	2-Nitroaniline	0.442	0.423	4.3	54	0.00
43 S	Dimethylphthalate-d6	1.596	1.605	-0.6	57	0.00
44	Dimethylphthalate	1.597	1.648	-3.2	59	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.332	0.319	3.9	54	0.00
46 S	Acenaphthylene-d8	2.007	2.033	-1.3	57	0.00
47	Acenaphthylene	2.089	2.103	-0.7	57	0.00
48	3-Nitroaniline	0.299	0.289	3.3	54	0.00
49 C	Acenaphthene	1.332	1.371	-2.9	58	0.00
50	2,4-Dinitrophenol	0.165	0.180	-9.1	75	0.00
51 S	4-Nitrophenol-d4	0.275	0.244	11.3	52	0.00
52	4-Nitrophenol	0.249	0.258	-3.6	60	0.00
53	Dibenzofuran	1.897	1.999	-5.4	60	0.00
54	2,4-Dinitrotoluene	0.467	0.496	-6.2	59	0.00
55	2,3,4,6-Tetrachlorophenol	0.375	0.461	-22.9#	69	0.00
56	Diethylphthalate	1.689	1.740	-3.0	59	0.00
57 S	Fluorene-d10	1.384	1.507	-8.9	62	0.00
58	Fluorene	1.533	1.683	-9.8	61	0.00
59	4-Chlorophenyl-phenylether	0.747	0.849	-13.7	63	0.00
60	4-Nitroaniline	0.377	0.318	15.6	46	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	66	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.109	0.105	3.7	67	0.00
63	4,6-Dinitro-2-methylphenol	0.117	0.117	0.0	67	0.00
64	N-Nitrosodiphenylamine	0.599	0.566	5.5	61	0.00
65	4-Bromophenyl-phenylether	0.213	0.218	-2.3	65	0.00
66	Hexachlorobenzene	0.233	0.249	-6.9	69	0.00
67	Atrazine	0.213	0.208	2.3	61	0.00
68 C	Pentachlorophenol	0.104	0.142	-36.5#	95	0.00
69	Phenanthrene	1.084	1.128	-4.1	67	0.00
70 S	Anthracene-d10	0.933	0.960	-2.9	66	0.00
71	Anthracene	1.120	1.140	-1.8	65	0.00
72	Carbazole	0.980	1.019	-4.0	64	0.00
73	Di-n-butylphthalate	1.319	1.260	4.5	62	0.00
74 C	Fluoranthene	1.228	1.371	-11.6	68	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	66	0.00
76 S	Pyrene-d10	0.928	0.960	-3.4	67	0.00
77	Pyrene	1.221	1.256	-2.9	67	0.00
78	Butylbenzylphthalate	0.562	0.580	-3.2	67	0.00
79	3,3'-Dichlorobenzidine	0.342	0.390	-14.0	69	0.00
80	Benzo(a)anthracene	1.193	1.232	-3.3	67	0.00
81	Bis(2-ethylhexyl)phthalate	0.810	0.792	2.2	63	0.00
82	Chrysene	1.087	1.126	-3.6	67	0.00
83 I	Perylene-d12	1.000	1.000	0.0	64	0.00
84	Di-n-octyl phthalate	1.276	1.350	-5.8	62	0.00
85	Benzo(b)fluoranthene	1.183	1.203	-1.7	61	0.00
86	Benzo(k)fluoranthene	1.085	1.135	-4.6	65	0.00
87 S	Benzo(a)pyrene-d12	0.905	0.933	-3.1	64	0.00

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88 C	Benzo(a)pyrene	1.128	1.177	-4.3	64	0.00
89	Indeno(1,2,3-cd)pyrene	1.322	1.361	-3.0	63	0.00
90	Dibenzo(a,h)anthracene	1.100	1.146	-4.2	63	0.00
91	Benzo(a,h,i)perylene	1.142	1.157	-1.3	63	0.00

(#) = Out of Range

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