

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092616\
 Data File : BM007565.D
 Acq On : 26 Sep 2016 09:52
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02053

Quant Time: Sep 26 14:01:41 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 03:32:16 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	153#	0.00
2	1,4-Dioxane	0.427	0.465	-8.9	155#	0.00
3 S	1,4-Dioxane-d8	0.407	0.428	-5.2	152#	0.00
4	Benzaldehyde	1.191	1.220	-2.4	152#	0.00
5 S	Phenol-d5	1.775	1.750	1.4	155#	0.00
6	Phenol	1.801	1.811	-0.6	155#	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.954	0.987	-3.5	154#	0.00
8	Bis(2-Chloroethyl)ether	1.290	1.340	-3.9	155#	0.00
9 S	2-Chlorophenol-d4	1.289	1.332	-3.3	152#	0.00
10	2-Chlorophenol	1.293	1.342	-3.8	152#	0.00
11	2-Methylphenol	1.388	1.420	-2.3	159#	0.00
12	2,2'-oxybis(1-Chloropropane	1.403	1.470	-4.8	152#	0.00
13 S	4-Methylphenol-d8	1.515	1.522	-0.5	155#	0.00
14	Acetophenone	2.308	2.391	-3.6	153#	0.00
15 P	N-Nitroso-di-n-propylamine	1.172	1.245	-6.2	154#	0.00
16	4-Methylphenol	1.554	1.590	-2.3	155#	0.00
17	Hexachloroethane	0.529	0.546	-3.2	155#	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	153#	0.00
19 S	Nitrobenzene-d5	0.143	0.149	-4.2	155#	0.00
20	Nitrobenzene	0.366	0.388	-6.0	157#	0.00
21	Isophorone	0.701	0.737	-5.1	155#	0.00
22 S	2-Nitrophenol-d4	0.162	0.171	-5.6	157#	0.00
23 C	2-Nitrophenol	0.169	0.178	-5.3	153#	0.00
24	2,4-Dimethylphenol	0.391	0.406	-3.8	153#	0.00
25	Bis(2-Chloroethoxy)methane	0.400	0.420	-5.0	156#	0.00
26 S	2,4-Dichlorophenol-d3	0.324	0.341	-5.2	156#	0.00
27 C	2,4-Dichlorophenol	0.319	0.333	-4.4	153#	0.00
28	Naphthalene	0.966	0.983	-1.8	153#	0.00
29 S	4-Chloroaniline-d4	0.340	0.374	-10.0	167#	0.00
30	4-Chloroaniline	0.356	0.384	-7.9	162#	0.00
31 C	Hexachlorobutadiene	0.233	0.232	0.4	149	0.00
32	Caprolactam	0.117	0.119	-1.7	160#	0.00
33 C	4-Chloro-3-methylphenol	0.388	0.414	-6.7	158#	0.00
34	2-Methylnaphthalene	0.758	0.786	-3.7	153#	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	154#	0.00
36	1,2,4,5-Tetrachlorobenzene	0.590	0.603	-2.2	155#	0.00
37	Hexachlorocyclopentadiene	0.317	0.282	11.0	148	0.00
38 C	2,4,6-Trichlorophenol	0.376	0.389	-3.5	153#	0.00
39	2,4,5-Trichlorophenol	0.412	0.435	-5.6	152#	0.00
40	1,1'-Biphenyl	1.328	1.367	-2.9	154#	0.00
41	2-Chloronaphthalene	1.033	1.053	-1.9	152#	0.00
42	2-Nitroaniline	0.318	0.344	-8.2	157#	0.00
43 S	Dimethylphthalate-d6	1.455	1.501	-3.2	152#	0.00
44	Dimethylphthalate	1.411	1.446	-2.5	152#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.280	0.302	-7.9	158#	0.00
46 S	Acenaphthylene-d8	1.688	1.745	-3.4	152#	0.00
47	Acenaphthylene	1.676	1.734	-3.5	152#	0.00
48	3-Nitroaniline	0.284	0.297	-4.6	156#	0.00
49 C	Acenaphthene	1.152	1.181	-2.5	152#	0.00
50	2,4-Dinitrophenol	0.187	0.160	14.4	144	0.00
51 S	4-Nitrophenol-d4	0.257	0.250	2.7	150#	0.00
52	4-Nitrophenol	0.267	0.252	5.6	142	0.00
53	Dibenzofuran	1.700	1.728	-1.6	151#	0.00
54	2,4-Dinitrotoluene	0.432	0.457	-5.8	153#	0.00
55	2,3,4,6-Tetrachlorophenol	0.407	0.423	-3.9	152#	0.00
56	Diethylphthalate	1.440	1.507	-4.7	156#	0.00
57 S	Fluorene-d10	1.276	1.308	-2.5	152#	0.00
58	Fluorene	1.403	1.417	-1.0	149	0.00
59	4-Chlorophenyl-phenylether	0.738	0.750	-1.6	151#	0.00
60	4-Nitroaniline	0.313	0.325	-3.8	157#	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	152#	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.122	0.119	2.5	157#	0.00
63	4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	156#	0.00
64	N-Nitrosodiphenylamine	0.540	0.562	-4.1	154#	0.00
65	4-Bromophenyl-phenylether	0.218	0.225	-3.2	151#	0.00
66	Hexachlorobenzene	0.246	0.253	-2.8	153#	0.00
67	Atrazine	0.225	0.234	-4.0	155#	0.00
68 C	Pentachlorophenol	0.154	0.152	1.3	157#	0.00
69	Phenanthrene	1.059	1.083	-2.3	151#	0.00
70 S	Anthracene-d10	0.919	0.941	-2.4	151#	0.00
71	Anthracene	1.075	1.107	-3.0	152#	0.00
72	Carbazole	0.956	0.998	-4.4	151#	0.00
73	Di-n-butylphthalate	1.081	1.155	-6.8	155#	0.00
74 C	Fluoranthene	1.336	1.400	-4.8	148	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	136	0.00
76 S	Pyrene-d10	0.794	0.884	-11.3	147	0.00
77	Pyrene	0.981	1.086	-10.7	147	0.00
78	Butylbenzylphthalate	0.377	0.433	-14.9	149	0.00
79	3,3'-Dichlorobenzidine	0.367	0.369	-0.5	138	0.00
80	Benzo(a)anthracene	1.093	1.144	-4.7	138	0.00
81	Bis(2-ethylhexyl)phthalate	0.543	0.632	-16.4	149	0.00
82	Chrysene	1.044	1.076	-3.1	136	0.00
83 I	Perylene-d12	1.000	1.000	0.0	122	0.00
84	Di-n-octyl phthalate	0.966	1.187	-22.9#	143	0.00
85	Benzo(b)fluoranthene	1.122	1.234	-10.0	126	0.00
86	Benzo(k)fluoranthene	1.079	1.124	-4.2	126	0.00
87 S	Benzo(a)pyrene-d12	0.885	0.921	-4.1	123	0.00

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88 C	Benzo(a)pyrene	1.077	1.118	-3.8	121	0.00
89	Indeno(1,2,3-cd)pyrene	1.189	1.126	5.3	110	0.00
90	Dibenzo(a,h)anthracene	0.980	0.923	5.8	109	0.00
91	Benzo(a,h,i)perylene	0.998	0.945	5.3	110	0.00

(#) = Out of Range

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