

Data Path : Z:\HPCHEM1\BNA M\Data\BM092217\
 Data File : BM011698.D
 Acq On : 22 Sep 2017 18:35
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02035

Quant Time: Sep 23 01:46:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.01
2	1,4-Dioxane	0.487	0.460	5.5	72	0.00
3 S	1,4-Dioxane-d8	0.445	0.415	6.7	71	0.00
4	Benzaldehyde	1.097	1.164	-6.1	76	0.00
5 S	Phenol-d5	1.920	1.890	1.6	78	0.01
6	Phenol	1.906	1.936	-1.6	80	0.01
7 S	Bis-(2-Chloroethyl)ether-d8	1.294	1.360	-5.1	80	0.01
8	Bis(2-Chloroethyl)ether	1.501	1.507	-0.4	78	0.00
9 S	2-Chlorophenol-d4	1.447	1.502	-3.8	80	0.00
10	2-Chlorophenol	1.412	1.429	-1.2	78	0.01
11	2-Methylphenol	1.445	1.404	2.8	77	0.01
12	2,2'-oxybis(1-Chloropropane	2.433	2.973	-22.2#	93	0.01
13 S	4-Methylphenol-d8	1.499	1.468	2.1	77	0.01
14	Acetophenone	2.292	2.320	-1.2	79	0.01
15 P	N-Nitroso-di-n-propylamine	1.230	1.329	-8.0	82	0.02
16	4-Methylphenol	1.582	1.538	2.8	76	0.01
17	Hexachloroethane	0.540	0.603	-11.7	87	0.01
18 I	Naphthalene-d8	1.000	1.000	0.0	75	0.01
19 S	Nitrobenzene-d5	0.152	0.163	-7.2	80	0.01
20	Nitrobenzene	0.357	0.421	-17.9	88	0.01
21	Isophorone	0.719	0.772	-7.4	80	0.02
22 S	2-Nitrophenol-d4	0.158	0.174	-10.1	83	0.01
23 C	2-Nitrophenol	0.166	0.178	-7.2	80	0.02
24	2,4-Dimethylphenol	0.355	0.383	-7.9	80	0.01
25	Bis(2-Chloroethoxy)methane	0.469	0.455	3.0	73	0.01
26 S	2,4-Dichlorophenol-d3	0.318	0.324	-1.9	76	0.01
27 C	2,4-Dichlorophenol	0.306	0.309	-1.0	75	0.01
28	Naphthalene	1.037	1.035	0.2	75	0.01
29 S	4-Chloroaniline-d4	0.351	0.413	-17.7	100	0.01
30	4-Chloroaniline	0.333	0.393	-18.0	99	0.01
31 C	Hexachlorobutadiene	0.174	0.199	-14.4	87	0.01
32	Caprolactam	0.096	0.090	6.3	73	0.01
33 C	4-Chloro-3-methylphenol	0.325	0.330	-1.5	76	0.01
34	2-Methylnaphthalene	0.770	0.725	5.8	70	0.01
35	1-Methylnaphthalene	0.734	0.691	5.9	70	0.01
36 I	Acenaphthene-d10	1.000	1.000	0.0	67	0.01
37	1,2,4,5-Tetrachlorobenzene	0.593	0.698	-17.7	78	0.01
38	Hexachlorocyclopentadiene	0.333	0.319	4.2	68	0.01
39 C	2,4,6-Trichlorophenol	0.404	0.457	-13.1	75	0.01
40	2,4,5-Trichlorophenol	0.410	0.455	-11.0	73	0.02
41	1,1'-Biphenyl	1.664	1.700	-2.2	67	0.01
42	2-Chloronaphthalene	1.252	1.318	-5.3	70	0.02
43	2-Nitroaniline	0.389	0.480	-23.4#	81	0.01
44 S	Dimethylphthalate-d6	1.691	1.657	2.0	65	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.619	1.576	2.7	64	0.01
46	2,6-Dinitrotoluene	0.286	0.308	-7.7	71	0.01
47 S	Acenaphthylene-d8	2.045	2.126	-4.0	68	0.01
48	Acenaphthylene	2.058	2.093	-1.7	66	0.01
49	3-Nitroaniline	0.353	0.334	5.4	66	0.01
50 C	Acenaphthene	1.391	1.390	0.1	66	0.01
51	2,4-Dinitrophenol	0.177	0.141	20.3#	61	0.01
52 S	4-Nitrophenol-d4	0.318	0.273	14.2	60	0.01
53	4-Nitrophenol	0.204	0.233	-14.2	81	0.01
54	Dibenzofuran	1.945	1.929	0.8	66	0.01
55	2,4-Dinitrotoluene	0.420	0.413	1.7	65	0.01
56	2,3,4,6-Tetrachlorophenol	0.373	0.395	-5.9	70	0.01
57	Diethylphthalate	1.685	1.586	5.9	62	0.01
58 S	Fluorene-d10	1.465	1.407	4.0	64	0.01
59	Fluorene	1.630	1.562	4.2	63	0.01
60	4-Chlorophenyl-phenylether	0.764	0.772	-1.0	67	0.01
61	4-Nitroaniline	0.378	0.336	11.1	60	0.01
62 I	Phenanthrene-d10	1.000	1.000	0.0	59	0.01
63 S	4,6-Dinitro-2-methylphenol-	0.116	0.109	6.0	61	0.02
64	4,6-Dinitro-2-methylphenol	0.119	0.112	5.9	59	0.01
65	N-Nitrosodiphenylamine	0.609	0.643	-5.6	61	0.01
66	4-Bromophenyl-phenylether	0.204	0.232	-13.7	67	0.01
67	Hexachlorobenzene	0.225	0.251	-11.6	66	0.01
68	Atrazine	0.211	0.223	-5.7	63	0.01
69 C	Pentachlorophenol	0.144	0.141	2.1	62	0.01
70	Phenanthrene	1.115	1.114	0.1	57	0.01
71 S	Anthracene-d10	0.985	1.007	-2.2	59	0.01
72	Anthracene	1.144	1.149	-0.4	57	0.01
73	1,2,3,4-Tetrachlorobenzene	0.267	0.347	-30.0#	75	0.01
74	Pentachlorobenzene	0.270	0.333	-23.3#	72	0.01
75	Carbazole	0.976	0.956	2.0	53	0.01
76	Di-n-butylphthalate	1.282	1.268	1.1	54	0.00
77 C	Fluoranthene	1.147	1.083	5.6	49	0.01
78 I	Chrysene-d12	1.000	1.000	0.0	36	0.01
79 S	Pyrene-d10	0.936	1.270	-35.7#	48	0.01
80	Pyrene	1.167	1.569	-34.4#	46	0.01
81	Butylbenzylphthalate	0.537	0.654	-21.8#	44	0.01
82	3,3'-Dichlorobenzidine	0.363	0.321	11.6	32	0.01
83	Benzo(a)anthracene	1.101	1.204	-9.4	38	0.02
84	Bis(2-ethylhexyl)phthalate	0.824	0.941	-14.2	40	0.01
85	Chrysene	0.998	1.079	-8.1	38	0.02
86 I	Perylene-d12	1.000	1.000	0.0	38	0.02
87	Di-n-octyl phthalate	1.419	1.415	0.3	34	0.01

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88	Benzo(b)fluoranthene	1.203	1.175	2.3	37	0.02
89	Benzo(k)fluoranthene	1.156	1.103	4.6	36	0.02
90 S	Benzo(a)pyrene-d12	0.953	0.964	-1.2	39	0.02
91 C	Benzo(a)pyrene	1.136	1.136	0.0	38	0.02
92	Indeno(1,2,3-cd)pyrene	1.249	1.388	-11.1	41	0.03
93	Dibenzo(a,h)anthracene	1.059	1.181	-11.5	42	0.03
94	Benzo(a,h,i)perylene	1.012	1.167	-15.3	43	0.03

(#) = Out of Range

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