

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008138.D
 Acq On : 01 Dec 2016 15:30
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02045

Quant Time: Dec 02 03:11:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 02:31:11 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	116	0.00
2	1,4-Dioxane	0.465	0.478	-2.8	115	0.00
3 S	1,4-Dioxane-d8	0.405	0.426	-5.2	117	0.00
4	Benzaldehyde	1.079	1.150	-6.6	124	0.00
5 S	Phenol-d5	1.491	1.493	-0.1	120	0.00
6	Phenol	1.531	1.556	-1.6	120	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.857	0.911	-6.3	123	0.00
8	Bis(2-Chloroethyl)ether	1.162	1.222	-5.2	124	0.00
9 S	2-Chlorophenol-d4	1.154	1.169	-1.3	118	0.00
10	2-Chlorophenol	1.182	1.191	-0.8	118	0.00
11	2-Methylphenol	1.135	1.126	0.8	120	0.00
12	2,2'-oxybis(1-Chloropropane	1.291	1.446	-12.0	131	0.00
13 S	4-Methylphenol-d8	1.159	1.149	0.9	119	0.00
14	Acetophenone	1.854	1.847	0.4	119	0.00
15 P	N-Nitroso-di-n-propylamine	0.973	0.977	-0.4	122	0.00
16	4-Methylphenol	1.223	1.207	1.3	119	0.00
17	Hexachloroethane	0.527	0.530	-0.6	115	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	120	0.00
19 S	Nitrobenzene-d5	0.144	0.139	3.5	116	0.00
20	Nitrobenzene	0.357	0.358	-0.3	121	0.00
21	Isophorone	0.658	0.648	1.5	120	0.00
22 S	2-Nitrophenol-d4	0.163	0.152	6.7	113	0.00
23 C	2-Nitrophenol	0.167	0.161	3.6	116	0.00
24	2,4-Dimethylphenol	0.358	0.354	1.1	119	0.00
25	Bis(2-Chloroethoxy)methane	0.382	0.383	-0.3	122	0.00
26 S	2,4-Dichlorophenol-d3	0.298	0.284	4.7	116	0.00
27 C	2,4-Dichlorophenol	0.291	0.288	1.0	119	0.00
28	Naphthalene	0.929	0.937	-0.9	121	0.00
29 S	4-Chloroaniline-d4	0.290	0.296	-2.1	127	0.00
30	4-Chloroaniline	0.298	0.307	-3.0	128	0.00
31 C	Hexachlorobutadiene	0.231	0.223	3.5	114	0.00
32	Caprolactam	0.088	0.074	15.9	104	0.00
33 C	4-Chloro-3-methylphenol	0.313	0.290	7.3	112	0.00
34	2-Methylnaphthalene	0.665	0.654	1.7	119	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	117	0.00
36	1,2,4,5-Tetrachlorobenzene	0.621	0.630	-1.4	116	0.00
37	Hexachlorocyclopentadiene	0.308	0.224	27.3#	99	0.00
38 C	2,4,6-Trichlorophenol	0.372	0.356	4.3	111	0.00
39	2,4,5-Trichlorophenol	0.395	0.370	6.3	107	0.00
40	1,1'-Biphenyl	1.348	1.354	-0.4	117	0.00
41	2-Chloronaphthalene	1.030	1.045	-1.5	116	0.00
42	2-Nitroaniline	0.294	0.276	6.1	105	0.00
43 S	Dimethylphthalate-d6	1.289	1.242	3.6	111	0.00
44	Dimethylphthalate	1.264	1.223	3.2	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.251	0.239	4.8	108	0.00
46 S	Acenaphthylene-d8	1.584	1.569	0.9	113	0.00
47	Acenaphthylene	1.598	1.590	0.5	113	0.00
48	3-Nitroaniline	0.235	0.217	7.7	106	0.00
49 C	Acenaphthene	1.092	1.087	0.5	114	0.00
50	2,4-Dinitrophenol	0.158	0.109	31.0#	89	0.00
51 S	4-Nitrophenol-d4	0.199	0.159	20.1#	97	0.00
52	4-Nitrophenol	0.187	0.150	19.8	93	0.00
53	Dibenzofuran	1.553	1.546	0.5	115	0.00
54	2,4-Dinitrotoluene	0.357	0.340	4.8	108	0.00
55	2,3,4,6-Tetrachlorophenol	0.354	0.329	7.1	106	0.00
56	Diethylphthalate	1.353	1.196	11.6	104	0.00
57 S	Fluorene-d10	1.112	1.084	2.5	111	0.00
58	Fluorene	1.261	1.241	1.6	113	0.00
59	4-Chlorophenyl-phenylether	0.667	0.649	2.7	111	0.00
60	4-Nitroaniline	0.236	0.199	15.7	101	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.119	0.099	16.8	98	0.00
63	4,6-Dinitro-2-methylphenol	0.122	0.105	13.9	98	0.00
64	N-Nitrosodiphenylamine	0.558	0.561	-0.5	111	0.00
65	4-Bromophenyl-phenylether	0.223	0.216	3.1	107	0.00
66	Hexachlorobenzene	0.245	0.244	0.4	109	0.00
67	Atrazine	0.219	0.203	7.3	103	0.00
68 C	Pentachlorophenol	0.142	0.119	16.2	96	0.00
69	Phenanthrene	1.000	1.001	-0.1	108	0.00
70 S	Anthracene-d10	0.860	0.859	0.1	108	0.00
71	Anthracene	1.021	1.031	-1.0	109	0.00
72	Carbazole	0.886	0.869	1.9	106	0.00
73	Di-n-butylphthalate	1.051	0.996	5.2	101	0.00
74 C	Fluoranthene	1.161	1.137	2.1	103	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
76 S	Pyrene-d10	0.809	0.793	2.0	104	0.00
77	Pyrene	1.029	1.004	2.4	105	0.00
78	Butylbenzylphthalate	0.396	0.368	7.1	96	0.00
79	3,3'-Dichlorobenzidine	0.353	0.353	0.0	101	0.00
80	Benzo(a)anthracene	1.032	1.029	0.3	102	0.00
81	Bis(2-ethylhexyl)phthalate	0.597	0.549	8.0	96	0.00
82	Chrysene	0.975	0.986	-1.1	103	0.00
83 I	Perylene-d12	1.000	1.000	0.0	103	0.00
84	Di-n-octyl phthalate	1.030	0.954	7.4	98	0.00
85	Benzo(b)fluoranthene	1.071	1.052	1.8	101	0.00
86	Benzo(k)fluoranthene	1.010	1.013	-0.3	104	0.00
87 S	Benzo(a)pyrene-d12	0.833	0.821	1.4	102	0.00

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88 C	Benzo(a)pyrene	1.029	1.022	0.7	103	0.00
89	Indeno(1,2,3-cd)pyrene	1.255	1.260	-0.4	103	0.00
90	Dibenzo(a,h)anthracene	1.058	1.059	-0.1	103	0.00
91	Benzo(a,h,i)perylene	1.044	1.044	0.0	102	0.00

(#) = Out of Range

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