

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004041.D
 Acq On : 15 Jan 2016 11:11
 Operator : SJ/UM
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02061

Quant Time: Jan 16 00:29:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 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	84	0.00
2	1,4-Dioxane	0.519	0.449	13.5	68	0.00
3 S	1,4-Dioxane-d8	0.447	0.394	11.9	73	0.00
4	Benzaldehyde	0.974	1.200	-23.2#	90	0.00
5 S	Phenol-d5	1.661	1.803	-8.5	85	0.00
6	Phenol	1.752	1.952	-11.4	87	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.939	0.996	-6.1	82	0.00
8	Bis(2-Chloroethyl)ether	1.318	1.425	-8.1	84	0.00
9 S	2-Chlorophenol-d4	1.365	1.491	-9.2	85	0.00
10	2-Chlorophenol	1.427	1.575	-10.4	86	0.00
11	2-Methylphenol	1.339	1.518	-13.4	89	0.00
12	2,2'-oxybis(1-Chloropropane	1.449	1.615	-11.5	86	0.00
13 S	4-Methylphenol-d8	1.346	1.540	-14.4	89	0.00
14	Acetophenone	2.096	2.486	-18.6	89	0.00
15 P	N-Nitroso-di-n-propylamine	1.052	1.215	-15.5	88	0.00
16	4-Methylphenol	1.452	1.692	-16.5	90	0.00
17	Hexachloroethane	0.551	0.576	-4.5	81	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	92	0.00
19 S	Nitrobenzene-d5	0.151	0.156	-3.3	89	0.00
20	Nitrobenzene	0.355	0.379	-6.8	92	0.00
21	Isophorone	0.659	0.706	-7.1	91	0.00
22 S	2-Nitrophenol-d4	0.165	0.170	-3.0	89	0.00
23 C	2-Nitrophenol	0.183	0.191	-4.4	89	0.00
24	2,4-Dimethylphenol	0.367	0.395	-7.6	91	0.00
25	Bis(2-Chloroethoxy)methane	0.408	0.427	-4.7	89	0.00
26 S	2,4-Dichlorophenol-d3	0.293	0.312	-6.5	91	0.00
27 C	2,4-Dichlorophenol	0.303	0.332	-9.6	93	0.00
28	Naphthalene	1.042	1.126	-8.1	93	0.00
29 S	4-Chloroaniline-d4	0.387	0.356	8.0	75	0.00
30	4-Chloroaniline	0.392	0.383	2.3	78	0.00
31 C	Hexachlorobutadiene	0.186	0.196	-5.4	90	0.00
32	Caprolactam	0.097	0.104	-7.2	91	0.00
33 C	4-Chloro-3-methylphenol	0.338	0.380	-12.4	95	0.00
34	2-Methylnaphthalene	0.737	0.831	-12.8	95	0.00
35	1-Methylnaphthalene	0.699	0.785	-12.3	95	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
37	1,2,4,5-Tetrachlorobenzene	0.640	0.678	-5.9	95	0.00
38	Hexachlorocyclopentadiene	0.335	0.134	60.0#	41	0.00
39 C	2,4,6-Trichlorophenol	0.412	0.431	-4.6	94	0.00
40	2,4,5-Trichlorophenol	0.447	0.473	-5.8	94	0.00
41	1,1'-Biphenyl	1.685	1.814	-7.7	96	0.00
42	2-Chloronaphthalene	1.263	1.383	-9.5	98	0.00
43	2-Nitroaniline	0.352	0.387	-9.9	97	0.00
44 S	Dimethylphthalate-d6	1.570	1.639	-4.4	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.601	1.718	-7.3	95	0.00
46	2,6-Dinitrotoluene	0.315	0.357	-13.3	99	0.00
47 S	Acenaphthylene-d8	1.913	2.078	-8.6	96	0.00
48	Acenaphthylene	2.096	2.289	-9.2	96	0.00
49	3-Nitroaniline	0.342	0.368	-7.6	92	0.00
50 C	Acenaphthene	1.386	1.520	-9.7	97	0.00
51	2,4-Dinitrophenol	0.153	0.105	31.4#	74	0.00
52 S	4-Nitrophenol-d4	0.282	0.275	2.5	88	0.00
53	4-Nitrophenol	0.223	0.223	0.0	91	0.00
54	Dibenzofuran	1.940	2.149	-10.8	98	0.00
55	2,4-Dinitrotoluene	0.458	0.534	-16.6	101	0.00
56	2,3,4,6-Tetrachlorophenol	0.358	0.387	-8.1	96	0.00
57	Diethylphthalate	1.623	1.766	-8.8	96	0.00
58 S	Fluorene-d10	1.332	1.454	-9.2	97	0.00
59	Fluorene	1.539	1.740	-13.1	99	0.00
60	4-Chlorophenyl-phenylether	0.742	0.822	-10.8	97	0.00
61	4-Nitroaniline	0.358	0.426	-19.0	104	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.113	0.092	18.6	83	0.00
64	4,6-Dinitro-2-methylphenol	0.120	0.103	14.2	86	0.00
65	N-Nitrosodiphenylamine	0.628	0.668	-6.4	98	0.00
66	4-Bromophenyl-phenylether	0.207	0.218	-5.3	97	0.00
67	Hexachlorobenzene	0.227	0.243	-7.0	99	0.00
68	Atrazine	0.218	0.228	-4.6	96	0.00
69 C	Pentachlorophenol	0.110	0.101	8.2	94	0.00
70	Phenanthrene	1.125	1.233	-9.6	101	0.00
71 S	Anthracene-d10	0.925	0.997	-7.8	100	0.00
72	Anthracene	1.154	1.258	-9.0	100	0.00
73	1,2,3,4-Tetrachlorobenzene	0.321	0.285	11.2	84	0.00
74	Pentachlorobenzene	0.285	0.282	1.1	93	0.00
75	Carbazole	1.015	1.115	-9.9	99	0.00
76	Di-n-butylphthalate	1.239	1.341	-8.2	102	0.00
77 C	Fluoranthene	1.169	1.312	-12.2	102	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	97	0.00
79 S	Pyrene-d10	1.036	1.171	-13.0	98	0.00
80	Pyrene	1.358	1.603	-18.0	102	0.00
81	Butylbenzylphthalate	0.548	0.670	-22.3#	112	0.00
82	3,3'-Dichlorobenzidine	0.347	0.410	-18.2	106	0.00
83	Benzo(a)anthracene	1.191	1.310	-10.0	100	0.00
84	Bis(2-ethylhexyl)phthalate	0.725	0.968	-33.5#	122	0.00
85	Chrysene	1.132	1.227	-8.4	97	0.00
86 I	Perylene-d12	1.000	1.000	0.0	98	0.00
87	Di-n-octyl phthalate	1.333	1.806	-35.5#	125	0.00

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88	Benzo(b)fluoranthene	1.216	1.354	-11.3	103	0.00
89	Benzo(k)fluoranthene	1.157	1.265	-9.3	100	0.00
90 S	Benzo(a)pyrene-d12	0.999	1.080	-8.1	99	0.00
91 C	Benzo(a)pyrene	1.153	1.274	-10.5	100	0.00
92	Indeno(1,2,3-cd)pyrene	1.276	1.437	-12.6	101	0.00
93	Dibenzo(a,h)anthracene	1.072	1.204	-12.3	100	0.00
94	Benzo(g,h,i)perylene	1.071	1.202	-12.2	100	-0.01

(#) = Out of Range

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