

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016025.D
 Acq On : 20 Feb 2015 8:05
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 10:15:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 20 05:38:39 2015
 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	95	0.00
2	Benzaldehyde	1.203	1.166	3.1	92	0.00
3 S	Phenol-d5	1.903	1.833	3.7	93	0.00
4	Phenol	2.006	1.958	2.4	94	0.00
5 S	Bis-(2-Chloroethyl)ether-d8	1.124	1.086	3.4	95	0.00
6	Bis(2-Chloroethyl)ether	1.577	1.511	4.2	94	0.00
7 S	2-Chlorophenol-d4	1.408	1.368	2.8	94	0.00
8	2-Chlorophenol	1.414	1.393	1.5	96	0.00
9	2-Methylphenol	1.427	1.355	5.0	92	0.00
10	2,2'-oxybis(1-Chloropropane	2.005	1.834	8.5	91	0.00
11 S	4-Methylphenol-d8	1.408	1.361	3.3	94	0.00
12	Acetophenone	2.133	2.042	4.3	94	0.00
13 P	N-Nitroso-di-n-propylamine	1.202	1.102	8.3	90	0.00
14	4-Methylphenol	1.578	1.553	1.6	96	0.00
15	Hexachloroethane	0.561	0.535	4.6	93	0.00
16 I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
17 S	Nitrobenzene-d5	0.141	0.145	-2.8	101	0.00
18	Nitrobenzene	0.331	0.338	-2.1	100	0.00
19	Isophorone	0.720	0.670	6.9	90	0.00
20 S	2-Nitrophenol-d4	0.130	0.132	-1.5	101	0.00
21 C	2-Nitrophenol	0.147	0.153	-4.1	104	0.00
22	2,4-Dimethylphenol	0.353	0.341	3.4	94	0.00
23	Bis(2-Chloroethoxy)methane	0.449	0.432	3.8	94	0.00
24 S	2,4-Dichlorophenol-d3	0.283	0.276	2.5	95	0.00
25 C	2,4-Dichlorophenol	0.277	0.274	1.1	96	0.00
26	Naphthalene	1.068	1.037	2.9	93	0.00
27 S	4-Chloroaniline-d4	0.312	0.339	-8.7	109	0.00
28	4-Chloroaniline	0.304	0.333	-9.5	109	0.00
29 C	Hexachlorobutadiene	0.155	0.148	4.5	94	0.00
30	Caprolactam	0.129	0.123	4.7	91	0.00
31 C	4-Chloro-3-methylphenol	0.316	0.301	4.7	91	0.00
32	2-Methylnaphthalene	0.750	0.729	2.8	95	0.00
33 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
34	1,2,4,5-Tetrachlorobenzene	0.537	0.503	6.3	93	0.00
35	Hexachlorocyclopentadiene	0.238	0.227	4.6	93	0.00
36 C	2,4,6-Trichlorophenol	0.308	0.292	5.2	94	0.00
37	2,4,5-Trichlorophenol	0.344	0.335	2.6	95	0.00
38	1,1'-Biphenyl	1.547	1.492	3.6	95	0.00
39	2-Chloronaphthalene	1.163	1.104	5.1	94	0.00
40	2-Nitroaniline	0.296	0.297	-0.3	102	0.00
41 S	Dimethylphthalate-d6	1.337	1.321	1.2	95	0.00
42	Dimethylphthalate	1.394	1.377	1.2	96	0.00
43	2,6-Dinitrotoluene	0.241	0.252	-4.6	105	0.00
44 S	Acenaphthylene-d8	1.892	1.851	2.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Acenaphthylene	2.006	1.969	1.8	95	0.00
46	3-Nitroaniline	0.270	0.297	-10.0	108	0.00
47 C	Acenaphthene	1.331	1.285	3.5	94	0.00
48	2,4-Dinitrophenol	0.088	0.068	22.7#	92	0.00
49 S	4-Nitrophenol-d4	0.269	0.271	-0.7	104	0.00
50	4-Nitrophenol	0.155	0.151	2.6	97	0.00
51	Dibenzofuran	1.783	1.738	2.5	96	0.00
52	2,4-Dinitrotoluene	0.345	0.359	-4.1	100	0.00
53	2,3,4,6-Tetrachlorophenol	0.277	0.270	2.5	95	0.00
54	Diethylphthalate	1.412	1.417	-0.4	97	0.00
55 S	Fluorene-d10	1.344	1.319	1.9	97	0.00
56	Fluorene	1.555	1.511	2.8	95	0.00
57	4-Chlorophenyl-phenylether	0.702	0.678	3.4	96	0.00
58	4-Nitroaniline	0.368	0.399	-8.4	105	0.00
59 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
60 S	4,6-Dinitro-2-methylphenol-	0.077	0.071	7.8	104	0.00
61	4,6-Dinitro-2-methylphenol	0.083	0.076	8.4	101	0.00
62	N-Nitrosodiphenylamine	0.625	0.609	2.6	98	0.00
63	4-Bromophenyl-phenylether	0.205	0.194	5.4	97	0.00
64	Hexachlorobenzene	0.232	0.214	7.8	94	0.00
65	Atrazine	0.201	0.200	0.5	98	0.00
66 C	Pentachlorophenol	0.098	0.086	12.2	99	0.00
67	Phenanthrene	1.112	1.091	1.9	98	0.00
68 S	Anthracene-d10	0.949	0.940	0.9	99	0.00
69	Anthracene	1.135	1.125	0.9	98	0.00
70	1,2,3,4-Tetrachlorobenzene	0.254	0.235	7.5	94	0.00
71	Pentachlorobenzene	0.249	0.230	7.6	93	0.00
72	Carbazole	1.071	1.071	0.0	98	0.00
73	Di-n-butylphthalate	1.145	1.232	-7.6	102	0.00
74 C	Fluoranthene	1.217	1.258	-3.4	102	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
76 S	Pyrene-d10	0.939	0.926	1.4	104	0.00
77	Pyrene	1.217	1.204	1.1	102	0.00
78	Butylbenzylphthalate	0.476	0.487	-2.3	103	0.00
79	3,3'-Dichlorobenzidine	0.274	0.257	6.2	96	0.00
80	Benzo(a)anthracene	1.112	1.097	1.3	102	0.00
81	Bis(2-ethylhexyl)phthalate	0.625	0.644	-3.0	104	0.00
82	Chrysene	1.060	1.044	1.5	102	0.00
83 I	Perylene-d12	1.000	1.000	0.0	103	0.00
84	Di-n-octyl phthalate	1.058	1.106	-4.5	105	0.00
85	Benzo(b)fluoranthene	1.115	1.085	2.7	101	0.00
86	Benzo(k)fluoranthene	1.120	1.109	1.0	101	0.00
87 S	Benzo(a)pyrene-d12	0.907	0.892	1.7	104	0.00

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88 C	Benzo(a)pyrene	1.108	1.074	3.1	101	0.00
89	Indeno(1,2,3-cd)pyrene	1.289	1.222	5.2	100	0.00
90	Dibenzo(a,h)anthracene	1.077	1.028	4.5	100	0.00
91	Benzo(g,h,i)perylene	1.077	1.030	4.4	101	0.00

(#) = Out of Range

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