

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100915\
 Data File : BG019076.D
 Acq On : 9 Oct 2015 9:18
 Operator : UM/NP
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02042

Quant Time: Oct 09 16:47:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 09 02:23:12 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	72	0.00
2	1,4-Dioxane	0.487	0.425	12.7	62	0.00
3 S	1,4-Dioxane-d8	0.443	0.372	16.0	63	0.00
4	Benzaldehyde	1.021	1.153	-12.9	78	0.00
5 S	Phenol-d5	1.724	1.797	-4.2	77	0.00
6	Phenol	1.758	1.851	-5.3	76	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.115	1.164	-4.4	76	0.00
8	Bis(2-Chloroethyl)ether	1.325	1.361	-2.7	76	0.00
9 S	2-Chlorophenol-d4	1.294	1.362	-5.3	77	0.00
10	2-Chlorophenol	1.344	1.388	-3.3	76	0.00
11	2-Methylphenol	1.355	1.488	-9.8	81	0.00
12	2,2'-oxybis(1-Chloropropane	2.601	3.064	-17.8	85	0.00
13 S	4-Methylphenol-d8	1.355	1.511	-11.5	82	0.00
14	Acetophenone	2.098	2.455	-17.0	85	0.00
15 P	N-Nitroso-di-n-propylamine	1.128	1.300	-15.2	85	0.00
16	4-Methylphenol	1.494	1.619	-8.4	79	0.00
17	Hexachloroethane	0.535	0.561	-4.9	78	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	82	0.00
19 S	Nitrobenzene-d5	0.151	0.151	0.0	83	0.00
20	Nitrobenzene	0.376	0.395	-5.1	85	0.00
21	Isophorone	0.734	0.789	-7.5	90	0.00
22 S	2-Nitrophenol-d4	0.156	0.168	-7.7	88	0.00
23 C	2-Nitrophenol	0.167	0.175	-4.8	83	0.00
24	2,4-Dimethylphenol	0.379	0.411	-8.4	89	0.00
25	Bis(2-Chloroethoxy)methane	0.434	0.419	3.5	81	0.00
26 S	2,4-Dichlorophenol-d3	0.311	0.333	-7.1	88	0.00
27 C	2,4-Dichlorophenol	0.318	0.328	-3.1	86	0.00
28	Naphthalene	1.036	1.016	1.9	83	0.00
29 S	4-Chloroaniline-d4	0.380	0.446	-17.4	91	0.00
30	4-Chloroaniline	0.392	0.465	-18.6	92	0.00
31 C	Hexachlorobutadiene	0.203	0.223	-9.9	93	0.00
32	Caprolactam	0.107	0.125	-16.8	96	0.00
33 C	4-Chloro-3-methylphenol	0.349	0.410	-17.5	97	0.00
34	2-Methylnaphthalene	0.776	0.810	-4.4	89	0.00
35	1-Methylnaphthalene	0.761	0.787	-3.4	87	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
37	1,2,4,5-Tetrachlorobenzene	0.649	0.636	2.0	92	0.00
38	Hexachlorocyclopentadiene	0.417	0.351	15.8	78	0.00
39 C	2,4,6-Trichlorophenol	0.422	0.409	3.1	94	0.00
40	2,4,5-Trichlorophenol	0.453	0.444	2.0	91	0.00
41	1,1'-Biphenyl	1.630	1.557	4.5	92	0.00
42	2-Chloronaphthalene	1.266	1.187	6.2	90	0.00
43	2-Nitroaniline	0.411	0.467	-13.6	107	0.00
44 S	Dimethylphthalate-d6	1.577	1.650	-4.6	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.610	1.681	-4.4	100	0.00
46	2,6-Dinitrotoluene	0.310	0.339	-9.4	101	0.00
47 S	Acenaphthylene-d8	1.951	1.897	2.8	94	0.00
48	Acenaphthylene	2.089	2.023	3.2	91	0.00
49	3-Nitroaniline	0.306	0.341	-11.4	100	0.00
50 C	Acenaphthene	1.417	1.383	2.4	95	0.00
51	2,4-Dinitrophenol	0.179	0.164	8.4	85	0.00
52 S	4-Nitrophenol-d4	0.319	0.320	-0.3	90	0.00
53	4-Nitrophenol	0.244	0.301	-23.4#	115	0.00
54	Dibenzofuran	1.928	1.912	0.8	96	0.00
55	2,4-Dinitrotoluene	0.453	0.513	-13.2	103	0.00
56	2,3,4,6-Tetrachlorophenol	0.418	0.421	-0.7	94	0.00
57	Diethylphthalate	1.616	1.705	-5.5	102	0.00
58 S	Fluorene-d10	1.428	1.437	-0.6	96	0.00
59	Fluorene	1.625	1.610	0.9	95	0.00
60	4-Chlorophenyl-phenylether	0.803	0.815	-1.5	98	0.00
61	4-Nitroaniline	0.346	0.374	-8.1	101	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.108	0.116	-7.4	106	0.00
64	4,6-Dinitro-2-methylphenol	0.115	0.122	-6.1	103	0.00
65	N-Nitrosodiphenylamine	0.582	0.550	5.5	95	0.00
66	4-Bromophenyl-phenylether	0.218	0.219	-0.5	102	0.00
67	Hexachlorobenzene	0.248	0.243	2.0	99	0.00
68	Atrazine	0.241	0.263	-9.1	105	0.00
69 C	Pentachlorophenol	0.156	0.121	22.4	77	0.00
70	Phenanthrene	1.127	1.090	3.3	98	0.00
71 S	Anthracene-d10	0.942	0.921	2.2	100	0.00
72	Anthracene	1.136	1.118	1.6	100	0.00
73	1,2,3,4-Tetrachlorobenzene	0.270	0.241	10.7	92	0.00
74	Pentachlorobenzene	0.263	0.253	3.8	98	0.00
75	Carbazole	0.980	1.021	-4.2	100	0.00
76	Di-n-butylphthalate	1.253	1.253	0.0	101	0.00
77 C	Fluoranthene	1.312	1.402	-6.9	99	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	93	0.00
79 S	Pyrene-d10	0.926	0.942	-1.7	97	0.00
80	Pyrene	1.204	1.237	-2.7	98	0.00
81	Butylbenzylphthalate	0.456	0.492	-7.9	101	0.00
82	3,3'-Dichlorobenzidine	0.370	0.392	-5.9	97	0.00
83	Benzo(a)anthracene	1.154	1.131	2.0	93	0.00
84	Bis(2-ethylhexyl)phthalate	0.663	0.676	-2.0	96	0.00
85	Chrysene	1.089	1.066	2.1	92	0.00
86 I	Perylene-d12	1.000	1.000	0.0	92	0.00
87	Di-n-octyl phthalate	1.135	1.215	-7.0	97	0.00

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88	Benzo(b)fluoranthene	1.178	1.137	3.5	90	0.00
89	Benzo(k)fluoranthene	1.148	1.117	2.7	91	0.00
90 S	Benzo(a)pyrene-d12	1.023	1.013	1.0	92	0.00
91 C	Benzo(a)pyrene	1.141	1.102	3.4	90	0.00
92	Indeno(1,2,3-cd)pyrene	1.308	1.306	0.2	93	0.00
93	Dibenzo(a,h)anthracene	1.131	1.148	-1.5	94	-0.01
94	Benzo(g,h,i)perylene	1.089	1.069	1.8	91	-0.01

(#) = Out of Range

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