

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
 Data File : BG018938.D
 Acq On : 28 Sep 2015 16:15
 Operator : UM/NP
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02014

Quant Time: Sep 29 00:56:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
2	1,4-Dioxane	0.450	0.432	4.0	77	0.00
3 S	1,4-Dioxane-d8	0.416	0.411	1.2	84	0.00
4	Benzaldehyde	0.950	1.018	-7.2	81	0.00
5 S	Phenol-d5	1.642	1.641	0.1	85	0.00
6	Phenol	1.699	1.736	-2.2	88	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.952	0.908	4.6	79	0.00
8	Bis(2-Chloroethyl)ether	1.269	1.304	-2.8	86	0.00
9 S	2-Chlorophenol-d4	1.244	1.322	-6.3	91	0.00
10	2-Chlorophenol	1.288	1.320	-2.5	84	0.00
11	2-Methylphenol	1.306	1.373	-5.1	90	0.00
12	2,2'-oxybis(1-Chloropropane	1.506	1.426	5.3	78	0.00
13 S	4-Methylphenol-d8	1.333	1.371	-2.9	89	0.00
14	Acetophenone	2.030	2.143	-5.6	88	0.00
15 P	N-Nitroso-di-n-propylamine	1.047	0.998	4.7	80	0.00
16	4-Methylphenol	1.436	1.489	-3.7	87	0.00
17	Hexachloroethane	0.513	0.520	-1.4	91	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
19 S	Nitrobenzene-d5	0.152	0.159	-4.6	92	0.00
20	Nitrobenzene	0.351	0.326	7.1	81	0.00
21	Isophorone	0.716	0.698	2.5	86	0.00
22 S	2-Nitrophenol-d4	0.152	0.173	-13.8	101	0.00
23 C	2-Nitrophenol	0.172	0.183	-6.4	96	0.00
24	2,4-Dimethylphenol	0.356	0.359	-0.8	91	0.00
25	Bis(2-Chloroethoxy)methane	0.422	0.418	0.9	87	0.00
26 S	2,4-Dichlorophenol-d3	0.321	0.344	-7.2	95	0.00
27 C	2,4-Dichlorophenol	0.321	0.333	-3.7	92	0.00
28	Naphthalene	1.018	1.021	-0.3	88	0.00
29 S	4-Chloroaniline-d4	0.373	0.448	-20.1#	100	0.00
30	4-Chloroaniline	0.386	0.453	-17.4	96	0.00
31 C	Hexachlorobutadiene	0.198	0.211	-6.6	95	0.00
32	Caprolactam	0.131	0.138	-5.3	91	0.00
33 C	4-Chloro-3-methylphenol	0.342	0.348	-1.8	89	0.00
34	2-Methylnaphthalene	0.752	0.762	-1.3	90	0.00
35	1-Methylnaphthalene	0.721	0.731	-1.4	91	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	89	0.00
37	1,2,4,5-Tetrachlorobenzene	0.620	0.642	-3.5	97	0.00
38	Hexachlorocyclopentadiene	0.345	0.219	36.5#	61	0.00
39 C	2,4,6-Trichlorophenol	0.403	0.439	-8.9	97	0.00
40	2,4,5-Trichlorophenol	0.434	0.466	-7.4	97	0.00
41	1,1'-Biphenyl	1.514	1.505	0.6	92	0.00
42	2-Chloronaphthalene	1.154	1.179	-2.2	93	0.00
43	2-Nitroaniline	0.342	0.313	8.5	85	0.00
44 S	Dimethylphthalate-d6	1.610	1.636	-1.6	94	0.00

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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)
45	Dimethylphthalate	1.560	1.618	-3.7	95	0.00
46	2,6-Dinitrotoluene	0.314	0.351	-11.8	103	0.00
47 S	Acenaphthylene-d8	1.907	1.939	-1.7	92	0.00
48	Acenaphthylene	2.029	2.036	-0.3	91	0.00
49	3-Nitroaniline	0.333	0.389	-16.8	100	0.00
50 C	Acenaphthene	1.367	1.361	0.4	92	0.00
51	2,4-Dinitrophenol	0.141	0.101	28.4#	82	0.00
52 S	4-Nitrophenol-d4	0.309	0.294	4.9	88	0.00
53	4-Nitrophenol	0.212	0.179	15.6	78	0.00
54	Dibenzofuran	1.918	1.916	0.1	91	0.00
55	2,4-Dinitrotoluene	0.467	0.513	-9.9	100	0.00
56	2,3,4,6-Tetrachlorophenol	0.419	0.429	-2.4	96	0.00
57	Diethylphthalate	1.622	1.622	0.0	92	0.00
58 S	Fluorene-d10	1.407	1.451	-3.1	93	0.00
59	Fluorene	1.620	1.611	0.6	91	0.00
60	4-Chlorophenyl-phenylether	0.772	0.793	-2.7	96	0.00
61	4-Nitroaniline	0.383	0.443	-15.7	97	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	86	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.095	0.099	-4.2	104	0.00
64	4,6-Dinitro-2-methylphenol	0.097	0.100	-3.1	101	0.00
65	N-Nitrosodiphenylamine	0.524	0.541	-3.2	92	0.00
66	4-Bromophenyl-phenylether	0.196	0.206	-5.1	96	0.00
67	Hexachlorobenzene	0.217	0.244	-12.4	104	0.00
68	Atrazine	0.231	0.257	-11.3	95	0.00
69 C	Pentachlorophenol	0.127	0.087	31.5#	64	0.00
70	Phenanthrene	1.017	1.046	-2.9	90	0.00
71 S	Anthracene-d10	0.881	0.936	-6.2	95	0.00
72	Anthracene	1.020	1.048	-2.7	89	0.00
73	1,2,3,4-Tetrachlorobenzene	0.238	0.246	-3.4	92	0.00
74	Pentachlorobenzene	0.232	0.254	-9.5	97	0.00
75	Carbazole	0.906	1.024	-13.0	91	0.00
76	Di-n-butylphthalate	1.144	1.239	-8.3	92	0.00
77 C	Fluoranthene	1.127	1.347	-19.5	92	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
79 S	Pyrene-d10	0.920	0.949	-3.2	93	0.00
80	Pyrene	1.176	1.195	-1.6	89	0.00
81	Butylbenzylphthalate	0.451	0.486	-7.8	98	0.00
82	3,3'-Dichlorobenzidine	0.355	0.473	-33.2#	115	0.00
83	Benzo(a)anthracene	1.109	1.143	-3.1	93	0.00
84	Bis(2-ethylhexyl)phthalate	0.669	0.702	-4.9	94	0.00
85	Chrysene	1.023	1.074	-5.0	96	0.00
86 I	Perylene-d12	1.000	1.000	0.0	91	0.00
87	Di-n-octyl phthalate	1.058	1.189	-12.4	99	0.00

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88	Benzo(b)fluoranthene	1.131	1.137	-0.5	95	0.00
89	Benzo(k)fluoranthene	1.083	1.126	-4.0	95	0.00
90 S	Benzo(a)pyrene-d12	0.973	1.012	-4.0	98	0.00
91 C	Benzo(a)pyrene	1.075	1.099	-2.2	95	0.00
92	Indeno(1,2,3-cd)pyrene	1.246	1.310	-5.1	99	0.00
93	Dibenzo(a,h)anthracene	1.000	1.084	-8.4	104	0.00
94	Benzo(a,h,i)perylene	1.040	1.087	-4.5	99	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 1