

Data Path : U:\HPCHEM1\BNA G\DATA\BG092915\
 Data File : BG018960.D
 Acq On : 29 Sep 2015 18:04
 Operator : UM/NP
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02017

Quant Time: Sep 30 02:54:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 02:21:20 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	75	0.00
2	1,4-Dioxane	0.450	0.415	7.8	67	0.00
3 S	1,4-Dioxane-d8	0.416	0.394	5.3	72	0.00
4	Benzaldehyde	0.950	1.028	-8.2	73	0.00
5 S	Phenol-d5	1.642	1.680	-2.3	78	0.00
6	Phenol	1.699	1.691	0.5	77	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.952	0.893	6.2	70	0.00
8	Bis(2-Chloroethyl)ether	1.269	1.242	2.1	73	0.00
9 S	2-Chlorophenol-d4	1.244	1.295	-4.1	79	0.00
10	2-Chlorophenol	1.288	1.344	-4.3	77	0.00
11	2-Methylphenol	1.306	1.313	-0.5	78	0.00
12	2,2'-oxybis(1-Chloropropane	1.506	1.356	10.0	67	0.00
13 S	4-Methylphenol-d8	1.333	1.354	-1.6	79	0.00
14	Acetophenone	2.030	2.098	-3.3	77	0.00
15 P	N-Nitroso-di-n-propylamine	1.047	0.987	5.7	71	0.00
16	4-Methylphenol	1.436	1.467	-2.2	77	0.00
17	Hexachloroethane	0.513	0.485	5.5	76	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	75	0.00
19 S	Nitrobenzene-d5	0.152	0.161	-5.9	82	0.00
20	Nitrobenzene	0.351	0.330	6.0	72	0.00
21	Isophorone	0.716	0.679	5.2	74	0.00
22 S	2-Nitrophenol-d4	0.152	0.179	-17.8	92	0.00
23 C	2-Nitrophenol	0.172	0.191	-11.0	88	0.00
24	2,4-Dimethylphenol	0.356	0.360	-1.1	80	0.00
25	Bis(2-Chloroethoxy)methane	0.422	0.413	2.1	75	0.00
26 S	2,4-Dichlorophenol-d3	0.321	0.350	-9.0	85	0.00
27 C	2,4-Dichlorophenol	0.321	0.346	-7.8	84	0.00
28	Naphthalene	1.018	1.042	-2.4	79	0.00
29 S	4-Chloroaniline-d4	0.373	0.444	-19.0	87	0.00
30	4-Chloroaniline	0.386	0.460	-19.2	86	0.00
31 C	Hexachlorobutadiene	0.198	0.206	-4.0	81	0.00
32	Caprolactam	0.131	0.142	-8.4	82	0.00
33 C	4-Chloro-3-methylphenol	0.342	0.368	-7.6	83	0.00
34	2-Methylnaphthalene	0.752	0.765	-1.7	79	0.00
35	1-Methylnaphthalene	0.721	0.751	-4.2	82	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	80	0.00
37	1,2,4,5-Tetrachlorobenzene	0.620	0.636	-2.6	87	0.00
38	Hexachlorocyclopentadiene	0.345	0.199	42.3#	50	0.00
39 C	2,4,6-Trichlorophenol	0.403	0.428	-6.2	85	0.00
40	2,4,5-Trichlorophenol	0.434	0.471	-8.5	88	0.00
41	1,1'-Biphenyl	1.514	1.518	-0.3	83	0.00
42	2-Chloronaphthalene	1.154	1.190	-3.1	85	0.00
43	2-Nitroaniline	0.342	0.334	2.3	82	0.00
44 S	Dimethylphthalate-d6	1.610	1.646	-2.2	85	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	1.628	-4.4	86	0.00
46	2,6-Dinitrotoluene	0.314	0.364	-15.9	96	0.00
47 S	Acenaphthylene-d8	1.907	1.980	-3.8	85	0.00
48	Acenaphthylene	2.029	2.088	-2.9	84	0.00
49	3-Nitroaniline	0.333	0.412	-23.7#	96	0.00
50 C	Acenaphthene	1.367	1.382	-1.1	84	0.00
51	2,4-Dinitrophenol	0.141	0.090	36.2#	66	0.00
52 S	4-Nitrophenol-d4	0.309	0.339	-9.7	92	0.00
53	4-Nitrophenol	0.212	0.206	2.8	81	0.00
54	Dibenzofuran	1.918	1.989	-3.7	85	0.00
55	2,4-Dinitrotoluene	0.467	0.547	-17.1	96	0.00
56	2,3,4,6-Tetrachlorophenol	0.419	0.432	-3.1	87	0.00
57	Diethylphthalate	1.622	1.673	-3.1	85	0.00
58 S	Fluorene-d10	1.407	1.497	-6.4	87	0.00
59	Fluorene	1.620	1.728	-6.7	87	0.00
60	4-Chlorophenyl-phenylether	0.772	0.826	-7.0	90	0.00
61	4-Nitroaniline	0.383	0.479	-25.1#	95	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	86	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.095	0.104	-9.5	110	0.00
64	4,6-Dinitro-2-methylphenol	0.097	0.103	-6.2	104	0.00
65	N-Nitrosodiphenylamine	0.524	0.528	-0.8	90	0.00
66	4-Bromophenyl-phenylether	0.196	0.197	-0.5	93	0.00
67	Hexachlorobenzene	0.217	0.234	-7.8	100	0.00
68	Atrazine	0.231	0.251	-8.7	94	0.00
69 C	Pentachlorophenol	0.127	0.077	39.4#	57	0.00
70	Phenanthrene	1.017	1.048	-3.0	90	0.00
71 S	Anthracene-d10	0.881	0.912	-3.5	93	0.00
72	Anthracene	1.020	1.064	-4.3	91	0.00
73	1,2,3,4-Tetrachlorobenzene	0.238	0.224	5.9	84	0.00
74	Pentachlorobenzene	0.232	0.246	-6.0	94	0.00
75	Carbazole	0.906	1.052	-16.1	94	0.00
76	Di-n-butylphthalate	1.144	1.229	-7.4	92	0.00
77 C	Fluoranthene	1.127	1.400	-24.2	97	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	94	0.00
79 S	Pyrene-d10	0.920	0.943	-2.5	99	0.00
80	Pyrene	1.176	1.201	-2.1	95	0.00
81	Butylbenzylphthalate	0.451	0.472	-4.7	102	0.00
82	3,3'-Dichlorobenzidine	0.355	0.461	-29.9#	120	0.00
83	Benzo(a)anthracene	1.109	1.140	-2.8	99	0.00
84	Bis(2-ethylhexyl)phthalate	0.669	0.706	-5.5	101	0.00
85	Chrysene	1.023	1.060	-3.6	101	0.00
86 I	Perylene-d12	1.000	1.000	0.0	96	0.00
87	Di-n-octyl phthalate	1.058	1.141	-7.8	100	0.00

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88	Benzo(b)fluoranthene	1.131	1.156	-2.2	102	0.00
89	Benzo(k)fluoranthene	1.083	1.085	-0.2	96	0.00
90 S	Benzo(a)pyrene-d12	0.973	1.016	-4.4	104	0.00
91 C	Benzo(a)pyrene	1.075	1.105	-2.8	101	0.00
92	Indeno(1,2,3-cd)pyrene	1.246	1.301	-4.4	104	0.00
93	Dibenzo(a,h)anthracene	1.000	1.084	-8.4	109	0.00
94	Benzo(a,h,i)perylene	1.040	1.084	-4.2	104	0.00

(#) = Out of Range

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