

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020302.D
 Acq On : 19 Dec 2015 8:45
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02007

Quant Time: Dec 20 04:45:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 04:52:13 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	90	0.00
2	1,4-Dioxane	0.535	0.487	9.0	85	0.00
3 S	1,4-Dioxane-d8	0.362	0.377	-4.1	87	0.00
4	Benzaldehyde	1.142	1.203	-5.3	89	0.00
5 S	Phenol-d5	1.764	1.708	3.2	90	-0.01
6	Phenol	1.889	1.804	4.5	87	-0.01
7 S	Bis-(2-Chloroethyl)ether-d8	1.052	1.044	0.8	88	0.00
8	Bis(2-Chloroethyl)ether	1.296	1.342	-3.5	91	0.00
9 S	2-Chlorophenol-d4	1.283	1.416	-10.4	98	0.00
10	2-Chlorophenol	1.343	1.430	-6.5	94	0.00
11	2-Methylphenol	1.441	1.407	2.4	88	0.00
12	2,2'-oxybis(1-Chloropropane	1.866	1.765	5.4	84	0.00
13 S	4-Methylphenol-d8	1.508	1.473	2.3	87	0.00
14	Acetophenone	2.362	2.391	-1.2	90	0.00
15 P	N-Nitroso-di-n-propylamine	1.250	1.216	2.7	85	0.00
16	4-Methylphenol	1.595	1.554	2.6	86	-0.01
17	Hexachloroethane	0.565	0.609	-7.8	96	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
19 S	Nitrobenzene-d5	0.156	0.173	-10.9	95	0.00
20	Nitrobenzene	0.413	0.427	-3.4	88	0.00
21	Isophorone	0.789	0.806	-2.2	86	0.00
22 S	2-Nitrophenol-d4	0.173	0.193	-11.6	94	0.00
23 C	2-Nitrophenol	0.186	0.211	-13.4	96	0.00
24	2,4-Dimethylphenol	0.422	0.448	-6.2	90	0.00
25	Bis(2-Chloroethoxy)methane	0.427	0.450	-5.4	88	0.00
26 S	2,4-Dichlorophenol-d3	0.351	0.381	-8.5	91	0.00
27 C	2,4-Dichlorophenol	0.361	0.399	-10.5	93	0.00
28	Naphthalene	1.044	1.134	-8.6	92	0.00
29 S	4-Chloroaniline-d4	0.395	0.454	-14.9	93	0.00
30	4-Chloroaniline	0.403	0.455	-12.9	91	0.00
31 C	Hexachlorobutadiene	0.269	0.309	-14.9	98	0.00
32	Caprolactam	0.127	0.126	0.8	82	-0.02
33 C	4-Chloro-3-methylphenol	0.429	0.430	-0.2	84	0.00
34	2-Methylnaphthalene	0.798	0.851	-6.6	90	0.00
35	1-Methylnaphthalene	0.767	0.815	-6.3	91	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
37	1,2,4,5-Tetrachlorobenzene	0.751	0.827	-10.1	93	0.00
38	Hexachlorocyclopentadiene	0.464	0.366	21.1#	72	0.00
39 C	2,4,6-Trichlorophenol	0.481	0.508	-5.6	90	0.00
40	2,4,5-Trichlorophenol	0.535	0.557	-4.1	86	0.00
41	1,1'-Biphenyl	1.509	1.600	-6.0	90	0.00
42	2-Chloronaphthalene	1.208	1.296	-7.3	91	0.00
43	2-Nitroaniline	0.411	0.397	3.4	80	0.00
44 S	Dimethylphthalate-d6	1.618	1.693	-4.6	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.652	1.766	-6.9	90	0.00
46	2,6-Dinitrotoluene	0.342	0.362	-5.8	87	0.00
47 S	Acenaphthylene-d8	1.882	1.964	-4.4	87	0.00
48	Acenaphthylene	2.000	2.114	-5.7	89	0.00
49	3-Nitroaniline	0.332	0.355	-6.9	85	0.00
50 C	Acenaphthene	1.345	1.414	-5.1	88	0.00
51	2,4-Dinitrophenol	0.195	0.186	4.6	90	0.00
52 S	4-Nitrophenol-d4	0.290	0.297	-2.4	83	-0.02
53	4-Nitrophenol	0.279	0.275	1.4	80	-0.03
54	Dibenzofuran	2.001	2.106	-5.2	88	0.00
55	2,4-Dinitrotoluene	0.502	0.540	-7.6	87	0.00
56	2,3,4,6-Tetrachlorophenol	0.515	0.542	-5.2	87	0.00
57	Diethylphthalate	1.715	1.798	-4.8	87	0.00
58 S	Fluorene-d10	1.467	1.540	-5.0	89	0.00
59	Fluorene	1.607	1.700	-5.8	89	0.00
60	4-Chlorophenyl-phenylether	0.906	0.973	-7.4	91	0.00
61	4-Nitroaniline	0.359	0.390	-8.6	87	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	82	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.119	0.124	-4.2	91	0.00
64	4,6-Dinitro-2-methylphenol	0.127	0.130	-2.4	88	0.00
65	N-Nitrosodiphenylamine	0.556	0.589	-5.9	87	0.00
66	4-Bromophenyl-phenylether	0.235	0.268	-14.0	94	0.00
67	Hexachlorobenzene	0.252	0.286	-13.5	94	0.00
68	Atrazine	0.237	0.265	-11.8	89	0.00
69 C	Pentachlorophenol	0.152	0.147	3.3	82	0.00
70	Phenanthrene	1.094	1.171	-7.0	87	0.00
71 S	Anthracene-d10	0.922	0.996	-8.0	88	0.00
72	Anthracene	1.110	1.187	-6.9	86	0.00
73	1,2,3,4-Tetrachlorobenzene	0.313	0.351	-12.1	93	0.00
74	Pentachlorobenzene	0.291	0.322	-10.7	91	0.00
75	Carbazole	0.932	1.045	-12.1	86	0.00
76	Di-n-butylphthalate	1.083	1.218	-12.5	89	0.00
77 C	Fluoranthene	1.279	1.540	-20.4	92	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	98	0.00
79 S	Pyrene-d10	0.932	0.901	3.3	93	0.00
80	Pyrene	1.210	1.169	3.4	91	0.00
81	Butylbenzylphthalate	0.421	0.434	-3.1	98	0.00
82	3,3'-Dichlorobenzidine	0.365	0.412	-12.9	106	0.00
83	Benzo(a)anthracene	1.167	1.250	-7.1	101	0.00
84	Bis(2-ethylhexyl)phthalate	0.601	0.624	-3.8	99	0.00
85	Chrysene	1.099	1.176	-7.0	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Di-n-octyl phthalate	1.099	1.115	-1.5	97	0.00

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88	Benzo(b)fluoranthene	1.204	1.259	-4.6	100	0.00
89	Benzo(k)fluoranthene	1.155	1.228	-6.3	104	0.00
90 S	Benzo(a)pyrene-d12	0.998	1.079	-8.1	105	0.00
91 C	Benzo(a)pyrene	1.141	1.220	-6.9	103	0.00
92	Indeno(1,2,3-cd)pyrene	1.359	1.354	0.4	97	-0.01
93	Dibenzo(a,h)anthracene	1.128	1.170	-3.7	101	0.00
94	Benzo(a,h,i)perylene	1.114	1.093	1.9	97	0.00

(#) = Out of Range

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