

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100915\
 Data File : BG019094.D
 Acq On : 10 Oct 2015 00:23
 Operator : UM/NP
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02044

Quant Time: Oct 10 02:01:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 10 00:37:29 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	73	0.00
2	1,4-Dioxane	0.487	0.458	6.0	68	0.00
3 S	1,4-Dioxane-d8	0.443	0.345	22.1#	59	0.00
4	Benzaldehyde	1.021	1.097	-7.4	74	0.00
5 S	Phenol-d5	1.724	1.758	-2.0	76	0.00
6	Phenol	1.758	1.808	-2.8	75	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.115	1.116	-0.1	74	0.00
8	Bis(2-Chloroethyl)ether	1.325	1.329	-0.3	75	0.00
9 S	2-Chlorophenol-d4	1.294	1.347	-4.1	77	0.00
10	2-Chlorophenol	1.344	1.383	-2.9	76	0.00
11	2-Methylphenol	1.355	1.447	-6.8	80	0.00
12	2,2'-oxybis(1-Chloropropane	2.601	2.865	-10.1	80	0.00
13 S	4-Methylphenol-d8	1.355	1.486	-9.7	82	0.00
14	Acetophenone	2.098	2.350	-12.0	82	0.00
15 P	N-Nitroso-di-n-propylamine	1.128	1.281	-13.6	85	0.00
16	4-Methylphenol	1.494	1.638	-9.6	81	0.00
17	Hexachloroethane	0.535	0.572	-6.9	80	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	81	0.00
19 S	Nitrobenzene-d5	0.151	0.151	0.0	82	0.00
20	Nitrobenzene	0.376	0.399	-6.1	85	0.00
21	Isophorone	0.734	0.784	-6.8	88	0.00
22 S	2-Nitrophenol-d4	0.156	0.174	-11.5	90	0.00
23 C	2-Nitrophenol	0.167	0.180	-7.8	84	0.00
24	2,4-Dimethylphenol	0.379	0.409	-7.9	88	0.00
25	Bis(2-Chloroethoxy)methane	0.434	0.420	3.2	81	0.00
26 S	2,4-Dichlorophenol-d3	0.311	0.332	-6.8	87	0.00
27 C	2,4-Dichlorophenol	0.318	0.324	-1.9	84	0.00
28	Naphthalene	1.036	1.013	2.2	82	0.00
29 S	4-Chloroaniline-d4	0.380	0.458	-20.5#	92	0.00
30	4-Chloroaniline	0.392	0.477	-21.7#	94	0.00
31 C	Hexachlorobutadiene	0.203	0.229	-12.8	94	0.00
32	Caprolactam	0.107	0.132	-23.4#	100	0.00
33 C	4-Chloro-3-methylphenol	0.349	0.423	-21.2	99	0.00
34	2-Methylnaphthalene	0.776	0.800	-3.1	87	0.00
35	1-Methylnaphthalene	0.761	0.787	-3.4	86	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	93	0.00
37	1,2,4,5-Tetrachlorobenzene	0.649	0.637	1.8	92	0.00
38	Hexachlorocyclopentadiene	0.417	0.350	16.1	77	0.00
39 C	2,4,6-Trichlorophenol	0.422	0.428	-1.4	97	0.00
40	2,4,5-Trichlorophenol	0.453	0.458	-1.1	93	0.00
41	1,1'-Biphenyl	1.630	1.576	3.3	93	0.00
42	2-Chloronaphthalene	1.266	1.221	3.6	92	0.00
43	2-Nitroaniline	0.411	0.493	-20.0	111	0.00
44 S	Dimethylphthalate-d6	1.577	1.687	-7.0	101	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100915\
 Data File : BG019094.D
 Acq On : 10 Oct 2015 00:23
 Operator : UM/NP
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02044

Quant Time: Oct 10 02:01:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 10 00:37:29 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)
45	Dimethylphthalate	1.610	1.704	-5.8	100	0.00
46	2,6-Dinitrotoluene	0.310	0.356	-14.8	105	0.00
47 S	Acenaphthylene-d8	1.951	1.943	0.4	95	0.00
48	Acenaphthylene	2.089	2.043	2.2	91	0.00
49	3-Nitroaniline	0.306	0.355	-16.0	103	0.00
50 C	Acenaphthene	1.417	1.406	0.8	95	0.00
51	2,4-Dinitrophenol	0.179	0.177	1.1	90	0.00
52 S	4-Nitrophenol-d4	0.319	0.335	-5.0	94	0.00
53	4-Nitrophenol	0.244	0.336	-37.7#	127	0.00
54	Dibenzofuran	1.928	1.934	-0.3	96	0.00
55	2,4-Dinitrotoluene	0.453	0.557	-23.0#	110	0.00
56	2,3,4,6-Tetrachlorophenol	0.418	0.451	-7.9	100	0.00
57	Diethylphthalate	1.616	1.776	-9.9	105	0.00
58 S	Fluorene-d10	1.428	1.467	-2.7	97	0.00
59	Fluorene	1.625	1.689	-3.9	98	0.00
60	4-Chlorophenyl-phenylether	0.803	0.854	-6.4	102	0.00
61	4-Nitroaniline	0.346	0.400	-15.6	107	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.108	0.118	-9.3	112	0.00
64	4,6-Dinitro-2-methylphenol	0.115	0.120	-4.3	105	0.00
65	N-Nitrosodiphenylamine	0.582	0.555	4.6	99	0.00
66	4-Bromophenyl-phenylether	0.218	0.214	1.8	103	0.00
67	Hexachlorobenzene	0.248	0.252	-1.6	105	0.00
68	Atrazine	0.241	0.265	-10.0	109	0.00
69 C	Pentachlorophenol	0.156	0.130	16.7	85	0.00
70	Phenanthrene	1.127	1.097	2.7	102	0.00
71 S	Anthracene-d10	0.942	0.936	0.6	105	0.00
72	Anthracene	1.136	1.114	1.9	102	0.00
73	1,2,3,4-Tetrachlorobenzene	0.270	0.240	11.1	94	0.00
74	Pentachlorobenzene	0.263	0.254	3.4	102	0.00
75	Carbazole	0.980	1.031	-5.2	104	0.00
76	Di-n-butylphthalate	1.253	1.266	-1.0	105	0.00
77 C	Fluoranthene	1.312	1.411	-7.5	103	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	99	0.00
79 S	Pyrene-d10	0.926	0.932	-0.6	103	0.00
80	Pyrene	1.204	1.195	0.7	102	0.00
81	Butylbenzylphthalate	0.456	0.483	-5.9	106	0.00
82	3,3'-Dichlorobenzidine	0.370	0.390	-5.4	104	0.00
83	Benzo(a)anthracene	1.154	1.150	0.3	101	0.00
84	Bis(2-ethylhexyl)phthalate	0.663	0.687	-3.6	105	0.00
85	Chrysene	1.089	1.068	1.9	99	0.00
86 I	Perylene-d12	1.000	1.000	0.0	102	-0.01
87	Di-n-octyl phthalate	1.135	1.194	-5.2	106	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100915\
Data File : BG019094.D
Acq On : 10 Oct 2015 00:23
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02044

Quant Time: Oct 10 02:01:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 10 00:37:29 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)
88	Benzo(b)fluoranthene	1.178	1.147	2.6	101	-0.01
89	Benzo(k)fluoranthene	1.148	1.112	3.1	101	0.00
90 S	Benzo(a)pyrene-d12	1.023	1.013	1.0	102	-0.01
91 C	Benzo(a)pyrene	1.141	1.109	2.8	100	-0.01
92	Indeno(1,2,3-cd)pyrene	1.308	1.301	0.5	102	-0.03
93	Dibenzo(a,h)anthracene	1.131	1.139	-0.7	103	-0.02
94	Benzo(g,h,i)perylene	1.089	1.070	1.7	101	-0.03

(#) = Out of Range

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