

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
 Data File : BG024807.D
 Acq On : 16 Nov 2016 17:02
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02013

Quant Time: Nov 17 02:47:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 17 01:26:41 2016
 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	117	0.00
2	1,4-Dioxane	0.484	0.417	13.8	109	0.00
3 S	1,4-Dioxane-d8	0.386	0.417	-8.0	133	0.00
4	Benzaldehyde	1.104	1.251	-13.3	111	0.00
5 S	Phenol-d5	1.713	1.670	2.5	114	0.00
6	Phenol	1.790	1.741	2.7	115	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.078	1.074	0.4	117	0.00
8	Bis(2-Chloroethyl)ether	1.274	1.250	1.9	115	0.00
9 S	2-Chlorophenol-d4	1.229	1.194	2.8	110	0.00
10	2-Chlorophenol	1.188	1.140	4.0	107	0.00
11	2-Methylphenol	1.311	1.242	5.3	111	0.00
12	2,2'-oxybis(1-Chloropropane	2.163	2.149	0.6	115	0.00
13 S	4-Methylphenol-d8	1.439	1.415	1.7	118	0.00
14	Acetophenone	2.167	2.164	0.1	114	0.00
15 P	N-Nitroso-di-n-propylamine	1.231	1.282	-4.1	120	0.00
16	4-Methylphenol	1.418	1.390	2.0	116	0.00
17	Hexachloroethane	0.544	0.524	3.7	111	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
19 S	Nitrobenzene-d5	0.151	0.149	1.3	122	0.00
20	Nitrobenzene	0.450	0.453	-0.7	116	0.00
21	Isophorone	0.839	0.845	-0.7	116	0.00
22 S	2-Nitrophenol-d4	0.181	0.188	-3.9	121	0.00
23 C	2-Nitrophenol	0.183	0.183	0.0	114	0.00
24	2,4-Dimethylphenol	0.434	0.429	1.2	118	0.00
25	Bis(2-Chloroethoxy)methane	0.440	0.427	3.0	114	0.00
26 S	2,4-Dichlorophenol-d3	0.360	0.359	0.3	118	0.00
27 C	2,4-Dichlorophenol	0.345	0.349	-1.2	117	0.00
28	Naphthalene	0.959	0.945	1.5	116	0.00
29 S	4-Chloroaniline-d4	0.402	0.436	-8.5	116	0.00
30	4-Chloroaniline	0.388	0.427	-10.1	117	0.00
31 C	Hexachlorobutadiene	0.303	0.295	2.6	111	0.00
32	Caprolactam	0.136	0.142	-4.4	121	0.00
33 C	4-Chloro-3-methylphenol	0.418	0.447	-6.9	122	0.00
34	2-Methylnaphthalene	0.755	0.784	-3.8	122	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	120	0.00
36	1,2,4,5-Tetrachlorobenzene	0.649	0.656	-1.1	122	0.00
37	Hexachlorocyclopentadiene	0.418	0.400	4.3	115	0.00
38 C	2,4,6-Trichlorophenol	0.395	0.391	1.0	116	0.00
39	2,4,5-Trichlorophenol	0.429	0.448	-4.4	124	0.00
40	1,1'-Biphenyl	1.287	1.287	0.0	121	0.00
41	2-Chloronaphthalene	1.000	1.014	-1.4	122	0.00
42	2-Nitroaniline	0.397	0.400	-0.8	114	0.00
43 S	Dimethylphthalate-d6	1.458	1.516	-4.0	119	0.00
44	Dimethylphthalate	1.399	1.447	-3.4	119	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
 Data File : BG024807.D
 Acq On : 16 Nov 2016 17:02
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02013

Quant Time: Nov 17 02:47:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 17 01:26:41 2016
 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	2,6-Dinitrotoluene	0.294	0.303	-3.1	121	0.00
46 S	Acenaphthylene-d8	1.589	1.636	-3.0	121	0.00
47	Acenaphthylene	1.538	1.606	-4.4	122	0.00
48	3-Nitroaniline	0.272	0.304	-11.8	120	0.00
49 C	Acenaphthene	1.089	1.082	0.6	119	0.00
50	2,4-Dinitrophenol	0.210	0.216	-2.9	129	0.00
51 S	4-Nitrophenol-d4	0.260	0.251	3.5	113	0.00
52	4-Nitrophenol	0.311	0.324	-4.2	117	0.00
53	Dibenzofuran	1.666	1.706	-2.4	119	0.00
54	2,4-Dinitrotoluene	0.445	0.475	-6.7	119	0.00
55	2,3,4,6-Tetrachlorophenol	0.446	0.467	-4.7	121	0.00
56	Diethylphthalate	1.486	1.514	-1.9	120	0.00
57 S	Fluorene-d10	1.373	1.430	-4.2	124	0.00
58	Fluorene	1.353	1.380	-2.0	118	0.00
59	4-Chlorophenyl-phenylether	0.765	0.796	-4.1	123	0.00
60	4-Nitroaniline	0.309	0.320	-3.6	118	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	119	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.137	0.138	-0.7	122	0.00
63	4,6-Dinitro-2-methylphenol	0.139	0.134	3.6	119	0.00
64	N-Nitrosodiphenylamine	0.540	0.547	-1.3	120	0.00
65	4-Bromophenyl-phenylether	0.243	0.246	-1.2	121	0.00
66	Hexachlorobenzene	0.269	0.276	-2.6	120	0.00
67	Atrazine	0.253	0.246	2.8	115	0.00
68 C	Pentachlorophenol	0.159	0.160	-0.6	120	0.00
69	Phenanthrene	0.997	1.007	-1.0	117	0.00
70 S	Anthracene-d10	0.883	0.916	-3.7	123	0.00
71	Anthracene	1.031	1.036	-0.5	119	0.00
72	Carbazole	0.846	0.901	-6.5	119	0.00
73	Di-n-butylphthalate	1.066	1.076	-0.9	116	0.00
74 C	Fluoranthene	1.158	1.275	-10.1	116	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
76 S	Pyrene-d10	0.867	0.889	-2.5	114	0.00
77	Pyrene	0.983	1.018	-3.6	115	0.00
78	Butylbenzylphthalate	0.402	0.404	-0.5	115	0.00
79	3,3'-Dichlorobenzidine	0.385	0.404	-4.9	112	0.00
80	Benzo(a)anthracene	1.088	1.103	-1.4	114	0.00
81	Bis(2-ethylhexyl)phthalate	0.550	0.555	-0.9	114	0.00
82	Chrysene	1.020	1.039	-1.9	115	0.00
83 I	Perylene-d12	1.000	1.000	0.0	114	0.00
84	Di-n-octyl phthalate	0.847	0.909	-7.3	113	0.00
85	Benzo(b)fluoranthene	1.054	1.077	-2.2	116	0.00
86	Benzo(k)fluoranthene	1.001	1.038	-3.7	117	0.00
87 S	Benzo(a)pyrene-d12	0.876	0.894	-2.1	115	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024807.D
Acq On : 16 Nov 2016 17:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02013

Quant Time: Nov 17 02:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
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 C	Benzo(a)pyrene	1.020	1.037	-1.7	115	0.00
89	Indeno(1,2,3-cd)pyrene	1.275	1.309	-2.7	117	0.00
90	Dibenzo(a,h)anthracene	1.062	1.089	-2.5	116	0.00
91	Benzo(g,h,i)perylene	1.050	1.093	-4.1	118	0.00

(#) = Out of Range

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