

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021329.D
 Acq On : 6 Mar 2016 6:59
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Quant Time: Mar 07 06:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 04:51:57 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	120	0.00
2	1,4-Dioxane	0.588	0.548	6.8	115	0.00
3 S	1,4-Dioxane-d8	0.492	0.461	6.3	107	0.00
4	Benzaldehyde	1.425	0.984	30.9#	67	0.00
5 S	Phenol-d5	2.118	2.099	0.9	116	0.00
6	Phenol	2.284	2.269	0.7	115	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.413	1.405	0.6	111	0.00
8	Bis(2-Chloroethyl)ether	1.685	1.665	1.2	114	0.00
9 S	2-Chlorophenol-d4	1.478	1.506	-1.9	116	0.00
10	2-Chlorophenol	1.591	1.559	2.0	112	0.00
11	2-Methylphenol	1.688	1.696	-0.5	117	0.00
12	2,2'-oxybis(1-Chloropropane	2.553	2.687	-5.2	118	0.00
13 S	4-Methylphenol-d8	1.672	1.689	-1.0	116	0.00
14	Acetophenone	2.824	2.819	0.2	112	0.00
15 P	N-Nitroso-di-n-propylamine	1.753	1.744	0.5	111	0.00
16	4-Methylphenol	1.882	1.847	1.9	112	0.00
17	Hexachloroethane	0.692	0.682	1.4	110	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
19 S	Nitrobenzene-d5	0.162	0.156	3.7	112	0.00
20	Nitrobenzene	0.514	0.518	-0.8	119	0.00
21	Isophorone	0.952	0.919	3.5	113	0.00
22 S	2-Nitrophenol-d4	0.173	0.161	6.9	110	0.00
23 C	2-Nitrophenol	0.197	0.187	5.1	114	0.00
24	2,4-Dimethylphenol	0.462	0.449	2.8	113	0.00
25	Bis(2-Chloroethoxy)methane	0.499	0.483	3.2	115	0.00
26 S	2,4-Dichlorophenol-d3	0.309	0.292	5.5	112	0.00
27 C	2,4-Dichlorophenol	0.323	0.311	3.7	108	0.00
28	Naphthalene	1.122	1.073	4.4	114	0.00
29 S	4-Chloroaniline-d4	0.391	0.386	1.3	103	0.00
30	4-Chloroaniline	0.427	0.417	2.3	105	0.00
31 C	Hexachlorobutadiene	0.216	0.209	3.2	115	0.00
32	Caprolactam	0.125	0.118	5.6	109	0.00
33 C	4-Chloro-3-methylphenol	0.431	0.430	0.2	115	0.00
34	2-Methylnaphthalene	0.812	0.782	3.7	114	0.00
35	1-Methylnaphthalene	0.761	0.731	3.9	114	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00
37	1,2,4,5-Tetrachlorobenzene	0.683	0.663	2.9	114	0.00
38	Hexachlorocyclopentadiene	0.459	0.375	18.3	100	0.00
39 C	2,4,6-Trichlorophenol	0.464	0.470	-1.3	115	0.00
40	2,4,5-Trichlorophenol	0.498	0.488	2.0	113	0.00
41	1,1'-Biphenyl	1.737	1.682	3.2	113	0.00
42	2-Chloronaphthalene	1.324	1.309	1.1	115	0.00
43	2-Nitroaniline	0.570	0.581	-1.9	115	0.00
44 S	Dimethylphthalate-d6	1.676	1.597	4.7	109	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021329.D
 Acq On : 6 Mar 2016 6:59
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Quant Time: Mar 07 06:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 04:51:57 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	Dimethylphthalate	1.803	1.686	6.5	108	0.00
46	2,6-Dinitrotoluene	0.369	0.363	1.6	114	0.00
47 S	Acenaphthylene-d8	2.086	2.047	1.9	114	0.00
48	Acenaphthylene	2.161	2.146	0.7	115	0.00
49	3-Nitroaniline	0.369	0.324	12.2	95	0.00
50 C	Acenaphthene	1.483	1.486	-0.2	116	0.00
51	2,4-Dinitrophenol	0.254	0.201	20.9#	96	0.00
52 S	4-Nitrophenol-d4	0.327	0.299	8.6	108	0.00
53	4-Nitrophenol	0.395	0.375	5.1	112	0.00
54	Dibenzofuran	2.015	1.969	2.3	113	0.00
55	2,4-Dinitrotoluene	0.546	0.530	2.9	113	0.00
56	2,3,4,6-Tetrachlorophenol	0.441	0.427	3.2	116	0.00
57	Diethylphthalate	1.982	1.856	6.4	109	0.00
58 S	Fluorene-d10	1.472	1.433	2.6	113	0.00
59	Fluorene	1.755	1.725	1.7	115	0.00
60	4-Chlorophenyl-phenylether	0.881	0.831	5.7	111	0.00
61	4-Nitroaniline	0.440	0.329	25.2#	84	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	116	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.144	0.122	15.3	104	0.00
64	4,6-Dinitro-2-methylphenol	0.155	0.139	10.3	108	0.00
65	N-Nitrosodiphenylamine	0.659	0.644	2.3	110	0.00
66	4-Bromophenyl-phenylether	0.223	0.211	5.4	110	0.00
67	Hexachlorobenzene	0.219	0.226	-3.2	116	0.00
68	Atrazine	0.249	0.240	3.6	109	0.00
69 C	Pentachlorophenol	0.151	0.135	10.6	107	0.00
70	Phenanthrene	1.203	1.147	4.7	108	0.00
71 S	Anthracene-d10	0.995	0.960	3.5	110	0.00
72	Anthracene	1.215	1.182	2.7	112	0.00
73	1,2,3,4-Tetrachlorobenzene	0.271	0.273	-0.7	114	0.00
74	Pentachlorobenzene	0.270	0.270	0.0	115	0.00
75	Carbazole	1.062	1.025	3.5	109	0.00
76	Di-n-butylphthalate	1.438	1.378	4.2	107	0.00
77 C	Fluoranthene	1.408	1.328	5.7	107	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	112	0.00
79 S	Pyrene-d10	1.012	0.969	4.2	105	0.00
80	Pyrene	1.340	1.275	4.9	105	0.00
81	Butylbenzylphthalate	0.608	0.594	2.3	107	0.00
82	3,3'-Dichlorobenzidine	0.442	0.392	11.3	92	0.00
83	Benzo(a)anthracene	1.296	1.247	3.8	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.903	0.880	2.5	107	0.00
85	Chrysene	1.210	1.166	3.6	105	0.00
86 I	Perylene-d12	1.000	1.000	0.0	112	0.00
87	Di-n-octyl phthalate	1.669	1.665	0.2	108	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021329.D
Acq On : 6 Mar 2016 6:59
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Quant Time: Mar 07 06:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 04:51:57 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	Benzo(b)fluoranthene	1.385	1.349	2.6	103	0.00
89	Benzo(k)fluoranthene	1.336	1.287	3.7	107	0.00
90 S	Benzo(a)pyrene-d12	1.080	1.026	5.0	104	0.00
91 C	Benzo(a)pyrene	1.337	1.308	2.2	106	0.00
92	Indeno(1,2,3-cd)pyrene	1.453	1.421	2.2	106	0.00
93	Dibenzo(a,h)anthracene	1.255	1.211	3.5	105	0.00
94	Benzo(g,h,i)perylene	1.213	1.171	3.5	105	0.00

(#) = Out of Range

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