

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011415\
 Data File : BM000196.D
 Acq On : 14 Jan 2015 20:14
 Operator : TP/IZ
 Sample : SSTD0.2030
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampled :
 SSTD02030

Quant Time: Jan 14 22:22:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 21:49:10 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	70	-0.03
2	1,4-Dioxane	8.000	8.472	-5.9	76	0.00
3 S	1,4-Dioxane-d8	8.000	9.151	-14.4	81	-0.01
4	Benzaldehyde	20.000	20.541	-2.7	69	0.00
5 S	Phenol-d5	20.000	19.771	1.1	71	-0.02
6	Phenol	20.000	19.786	1.1	71	-0.01
7 S	Bis-(2-Chloroethyl)ether-d8	20.000	20.533	-2.7	76	-0.02
8	Bis(2-Chloroethyl)ether	20.000	19.533	2.3	70	-0.01
9 S	2-Chlorophenol-d4	20.000	20.493	-2.5	75	-0.02
10	2-Chlorophenol	20.000	20.209	-1.0	73	-0.01
11	2-Methylphenol	20.000	18.823	5.9	68	-0.01
12	2,2'-oxybis(1-Chloropropane	20.000	22.104	-10.5	80	-0.02
13 S	4-Methylphenol-d8	20.000	19.137	4.3	69	-0.01
14	Acetophenone	20.000	19.011	4.9	68	-0.02
15 P	N-Nitroso-di-n-propylamine	20.000	18.830	5.9	67	-0.02
16	4-Methylphenol	20.000	18.818	5.9	67	-0.02
17	Hexachloroethane	20.000	21.199	-6.0	78	-0.02
18 I	Naphthalene-d8	20.000	20.000	0.0	66	-0.02
19 S	Nitrobenzene-d5	20.000	19.431	2.8	67	-0.02
20	Nitrobenzene	20.000	22.239	-11.2	75	-0.01
21	Isophorone	20.000	18.670	6.6	63	-0.02
22 S	2-Nitrophenol-d4	20.000	20.026	-0.1	68	-0.02
23 C	2-Nitrophenol	20.000	20.867	-4.3	68	-0.02
24	2,4-Dimethylphenol	20.000	20.844	-4.2	70	-0.02
25	Bis(2-Chloroethoxy)methane	20.000	19.453	2.7	66	-0.01
26 S	2,4-Dichlorophenol-d3	20.000	19.925	0.4	68	-0.01
27 C	2,4-Dichlorophenol	20.000	19.632	1.8	66	-0.02
28	Naphthalene	20.000	20.188	-0.9	69	-0.02
29 S	4-Chloroaniline-d4	20.000	22.513	-12.6	67	-0.02
30	4-Chloroaniline	20.000	22.713	-13.6	67	-0.02
31 C	Hexachlorobutadiene	20.000	21.079	-5.4	72	-0.02
32	Caprolactam	20.000	14.766	26.2#	48	-0.02
33 C	4-Chloro-3-methylphenol	20.000	19.130	4.4	65	-0.01
34	2-Methylnaphthalene	20.000	19.564	2.2	66	-0.02
35 I	Acenaphthene-d10	20.000	20.000	0.0	62	-0.02
36	1,2,4,5-Tetrachlorobenzene	20.000	21.214	-6.1	68	-0.03
37	Hexachlorocyclopentadiene	20.000	21.810	-9.0	69	-0.02
38 C	2,4,6-Trichlorophenol	20.000	19.886	0.6	63	-0.01
39	2,4,5-Trichlorophenol	20.000	19.776	1.1	61	-0.02
40	1,1'-Biphenyl	20.000	20.695	-3.5	65	-0.02
41	2-Chloronaphthalene	20.000	21.232	-6.2	68	-0.01
42	2-Nitroaniline	20.000	20.507	-2.5	67	-0.01
43 S	Dimethylphthalate-d6	20.000	19.272	3.6	60	-0.02
44	Dimethylphthalate	20.000	19.798	1.0	63	-0.01

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011415\
 Data File : BM000196.D
 Acq On : 14 Jan 2015 20:14
 Operator : TP/IZ
 Sample : SSTD0.2030
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 LabSampled :
 SSTD02030

Quant Time: Jan 14 22:22:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 14 21:49:10 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	Amount	Calc.	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	20.000	20.405	-2.0	63	-0.02
46 S	Acenaphthylene-d8	20.000	20.223	-1.1	64	-0.02
47	Acenaphthylene	20.000	19.925	0.4	62	-0.02
48	3-Nitroaniline	20.000	20.860	-4.3	63	-0.01
49 C	Acenaphthene	20.000	20.463	-2.3	65	-0.02
50	2,4-Dinitrophenol	20.000	17.940	10.3	63	-0.01
51 S	4-Nitrophenol-d4	20.000	18.098	9.5	58	-0.01
52	4-Nitrophenol	20.000	20.085	-0.4	65	-0.01
53	Dibenzofuran	20.000	20.092	-0.5	63	-0.02
54	2,4-Dinitrotoluene	20.000	19.835	0.8	62	0.00
55	2,3,4,6-Tetrachlorophenol	20.000	19.302	3.5	58	-0.01
56	Diethylphthalate	20.000	19.491	2.5	61	-0.02
57 S	Fluorene-d10	20.000	19.871	0.6	62	-0.02
58	Fluorene	20.000	19.862	0.7	62	-0.02
59	4-Chlorophenyl-phenylether	20.000	20.331	-1.7	65	-0.02
60	4-Nitroaniline	20.000	19.726	1.4	62	-0.02
61 I	Phenanthrene-d10	20.000	20.000	0.0	58	-0.02
62 S	4,6-Dinitro-2-methylphenol-	20.000	19.752	1.2	65	-0.02
63	4,6-Dinitro-2-methylphenol	20.000	19.885	0.6	64	-0.02
64	N-Nitrosodiphenylamine	20.000	20.441	-2.2	62	-0.02
65	4-Bromophenyl-phenylether	20.000	20.259	-1.3	62	-0.03
66	Hexachlorobenzene	20.000	20.857	-4.3	63	-0.01
67	Atrazine	20.000	19.650	1.8	58	-0.03
68 C	Pentachlorophenol	20.000	16.378	18.1	52	-0.01
69	Phenanthrene	20.000	21.022	-5.1	62	-0.02
70 S	Anthracene-d10	20.000	20.616	-3.1	62	-0.01
71	Anthracene	20.000	20.624	-3.1	62	-0.01
72	Carbazole	20.000	20.552	-2.8	61	-0.02
73	Di-n-butylphthalate	20.000	19.766	1.2	57	-0.03
74 C	Fluoranthene	20.000	20.907	-4.5	61	-0.02
75 I	Chrysene-d12	20.000	20.000	0.0	56	-0.02
76 S	Pyrene-d10	20.000	20.308	-1.5	60	-0.02
77	Pyrene	20.000	20.768	-3.8	60	-0.02
78	Butylbenzylphthalate	20.000	19.190	4.0	55	-0.02
79	3,3'-Dichlorobenzidine	20.000	22.005	-10.0	57	-0.02
80	Benzo(a)anthracene	20.000	20.950	-4.7	62	-0.02
81	Bis(2-ethylhexyl)phthalate	20.000	18.966	5.2	53	-0.03
82	Chrysene	20.000	21.398	-7.0	61	-0.02
83 I	Perylene-d12	20.000	20.000	0.0	60	-0.03
84	Di-n-octyl phthalate	20.000	18.752	6.2	55	-0.04
85	Benzo(b)fluoranthene	20.000	20.314	-1.6	60	-0.03
86	Benzo(k)fluoranthene	20.000	21.386	-6.9	66	-0.03
87 S	Benzo(a)pyrene-d12	20.000	20.922	-4.6	64	-0.03

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011415\
Data File : BM000196.D
Acq On : 14 Jan 2015 20:14
Operator : TP/IZ
Sample : SSTD0.2030
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
LabSampleId :
SSTD02030

Quant Time: Jan 14 22:22:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 21:49:10 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	Amount	Calc.	%Dev	Area%	Dev(min)
88 C	Benzo(a)pyrene	20.000	21.092	-5.5	63	-0.04
89	Indeno(1,2,3-cd)pyrene	20.000	23.516	-17.6	74	-0.04
90	Dibenzo(a,h)anthracene	20.000	23.210	-16.1	72	-0.05
91	Benzo(g,h,i)perylene	20.000	24.227	-21.1#	76	-0.05

(#) = Out of Range

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