

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003686.D
 Acq On : 21 Dec 2015 20:30
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02060

Quant Time: Dec 22 02:22:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:16:02 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	127	0.00
2	1,4-Dioxane	0.436	0.509	-16.7	145	0.00
3 S	1,4-Dioxane-d8	0.371	0.436	-17.5	151#	0.00
4	Benzaldehyde	0.972	0.995	-2.4	115	0.00
5 S	Phenol-d5	1.685	1.570	6.8	115	0.00
6	Phenol	1.775	1.663	6.3	115	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.898	0.878	2.2	119	0.00
8	Bis(2-Chloroethyl)ether	1.312	1.262	3.8	116	0.00
9 S	2-Chlorophenol-d4	1.376	1.373	0.2	122	0.00
10	2-Chlorophenol	1.430	1.429	0.1	121	0.00
11	2-Methylphenol	1.405	1.280	8.9	112	0.00
12	2,2'-oxybis(1-Chloropropane	1.324	1.249	5.7	113	0.00
13 S	4-Methylphenol-d8	1.460	1.277	12.5	108	0.00
14	Acetophenone	2.280	2.041	10.5	107	0.00
15 P	N-Nitroso-di-n-propylamine	1.105	0.946	14.4	101	0.00
16	4-Methylphenol	1.567	1.365	12.9	107	0.00
17	Hexachloroethane	0.544	0.566	-4.0	128	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	108	0.00
19 S	Nitrobenzene-d5	0.145	0.151	-4.1	109	0.00
20	Nitrobenzene	0.335	0.351	-4.8	108	0.00
21	Isophorone	0.668	0.615	7.9	95	0.00
22 S	2-Nitrophenol-d4	0.163	0.164	-0.6	104	0.00
23 C	2-Nitrophenol	0.181	0.186	-2.8	106	0.00
24	2,4-Dimethylphenol	0.371	0.373	-0.5	103	0.00
25	Bis(2-Chloroethoxy)methane	0.403	0.390	3.2	101	0.00
26 S	2,4-Dichlorophenol-d3	0.298	0.297	0.3	103	0.00
27 C	2,4-Dichlorophenol	0.310	0.310	0.0	104	0.00
28	Naphthalene	1.030	1.066	-3.5	108	0.00
29 S	4-Chloroaniline-d4	0.397	0.396	0.3	99	0.00
30	4-Chloroaniline	0.401	0.403	-0.5	100	0.00
31 C	Hexachlorobutadiene	0.191	0.205	-7.3	114	0.00
32	Caprolactam	0.116	0.083	28.4#	75	0.00
33 C	4-Chloro-3-methylphenol	0.363	0.328	9.6	92	0.00
34	2-Methylnaphthalene	0.770	0.743	3.5	100	0.00
35	1-Methylnaphthalene	0.731	0.700	4.2	98	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
37	1,2,4,5-Tetrachlorobenzene	0.605	0.679	-12.2	98	0.00
38	Hexachlorocyclopentadiene	0.324	0.355	-9.6	107	0.00
39 C	2,4,6-Trichlorophenol	0.409	0.420	-2.7	90	0.00
40	2,4,5-Trichlorophenol	0.452	0.458	-1.3	89	0.00
41	1,1'-Biphenyl	1.624	1.750	-7.8	94	0.00
42	2-Chloronaphthalene	1.220	1.325	-8.6	95	0.00
43	2-Nitroaniline	0.338	0.326	3.6	83	0.00
44 S	Dimethylphthalate-d6	1.653	1.607	2.8	85	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003686.D
 Acq On : 21 Dec 2015 20:30
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02060

Quant Time: Dec 22 02:22:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:16:02 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)
45	Dimethylphthalate	1.691	1.648	2.5	85	0.00
46	2,6-Dinitrotoluene	0.329	0.320	2.7	84	0.00
47 S	Acenaphthylene-d8	1.882	1.995	-6.0	92	0.00
48	Acenaphthylene	2.058	2.158	-4.9	91	0.00
49	3-Nitroaniline	0.368	0.352	4.3	81	0.00
50 C	Acenaphthene	1.374	1.439	-4.7	91	0.00
51	2,4-Dinitrophenol	0.175	0.152	13.1	91	0.00
52 S	4-Nitrophenol-d4	0.322	0.287	10.9	79	0.00
53	4-Nitrophenol	0.272	0.245	9.9	78	0.00
54	Dibenzofuran	1.962	1.999	-1.9	88	0.00
55	2,4-Dinitrotoluene	0.500	0.480	4.0	82	0.00
56	2,3,4,6-Tetrachlorophenol	0.389	0.366	5.9	82	0.00
57	Diethylphthalate	1.789	1.660	7.2	81	0.00
58 S	Fluorene-d10	1.368	1.368	0.0	87	0.00
59	Fluorene	1.574	1.593	-1.2	86	0.00
60	4-Chlorophenyl-phenylether	0.764	0.767	-0.4	87	0.00
61	4-Nitroaniline	0.408	0.378	7.4	79	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	81	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.113	0.112	0.9	83	0.00
64	4,6-Dinitro-2-methylphenol	0.121	0.123	-1.7	84	0.00
65	N-Nitrosodiphenylamine	0.585	0.629	-7.5	84	0.00
66	4-Bromophenyl-phenylether	0.199	0.208	-4.5	84	0.00
67	Hexachlorobenzene	0.221	0.233	-5.4	83	0.00
68	Atrazine	0.225	0.223	0.9	77	0.00
69 C	Pentachlorophenol	0.125	0.109	12.8	71	0.00
70	Phenanthrene	1.106	1.154	-4.3	82	0.00
71 S	Anthracene-d10	0.910	0.945	-3.8	82	0.00
72	Anthracene	1.128	1.186	-5.1	82	0.00
73	1,2,3,4-Tetrachlorobenzene	0.274	0.328	-19.7	96	0.00
74	Pentachlorobenzene	0.258	0.290	-12.4	89	0.00
75	Carbazole	1.030	1.080	-4.9	79	0.00
76	Di-n-butylphthalate	1.340	1.218	9.1	72	0.00
77 C	Fluoranthene	1.272	1.304	-2.5	77	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	74	0.00
79 S	Pyrene-d10	0.874	0.913	-4.5	76	0.00
80	Pyrene	1.151	1.211	-5.2	77	0.00
81	Butylbenzylphthalate	0.544	0.491	9.7	65	0.00
82	3,3'-Dichlorobenzidine	0.382	0.405	-6.0	72	0.00
83	Benzo(a)anthracene	1.206	1.215	-0.7	73	0.00
84	Bis(2-ethylhexyl)phthalate	0.810	0.709	12.5	63	0.00
85	Chrysene	1.163	1.167	-0.3	73	0.00
86 I	Perylene-d12	1.000	1.000	0.0	70	0.00
87	Di-n-octyl phthalate	1.382	1.263	8.6	61	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003686.D
Acq On : 21 Dec 2015 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02060

Quant Time: Dec 22 02:22:14 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:16:02 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	1.206	1.246	-3.3	71	0.00
89	Benzo(k)fluoranthene	1.142	1.133	0.8	68	0.00
90 S	Benzo(a)pyrene-d12	0.994	1.024	-3.0	70	0.00
91 C	Benzo(a)pyrene	1.153	1.190	-3.2	69	0.00
92	Indeno(1,2,3-cd)pyrene	1.241	1.393	-12.2	70	0.00
93	Dibenzo(a,h)anthracene	1.041	1.178	-13.2	71	0.00
94	Benzo(a,h,i)perylene	1.020	1.165	-14.2	71	0.00

(#) = Out of Range

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