

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
 Data File : BM008285.D
 Acq On : 13 Dec 2016 22:38
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02042

Quant Time: Dec 14 02:40:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 02:14:07 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
2	1,4-Dioxane	0.516	0.518	-0.4	87	0.00
3 S	1,4-Dioxane-d8	0.425	0.454	-6.8	97	0.00
4	Benzaldehyde	1.026	1.174	-14.4	95	0.00
5 S	Phenol-d5	1.527	1.562	-2.3	96	0.00
6	Phenol	1.592	1.630	-2.4	96	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.892	0.945	-5.9	97	0.00
8	Bis(2-Chloroethyl)ether	1.209	1.268	-4.9	95	0.00
9 S	2-Chlorophenol-d4	1.156	1.236	-6.9	96	0.00
10	2-Chlorophenol	1.176	1.254	-6.6	94	0.00
11	2-Methylphenol	1.168	1.201	-2.8	95	0.00
12	2,2'-oxybis(1-Chloropropane	1.365	1.466	-7.4	98	0.00
13 S	4-Methylphenol-d8	1.196	1.231	-2.9	97	0.00
14	Acetophenone	1.940	2.015	-3.9	97	0.00
15 P	N-Nitroso-di-n-propylamine	0.995	1.068	-7.3	98	0.00
16	4-Methylphenol	1.263	1.309	-3.6	97	0.00
17	Hexachloroethane	0.537	0.570	-6.1	96	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
19 S	Nitrobenzene-d5	0.145	0.150	-3.4	95	0.00
20	Nitrobenzene	0.377	0.410	-8.8	99	0.00
21	Isophorone	0.670	0.719	-7.3	100	0.00
22 S	2-Nitrophenol-d4	0.162	0.174	-7.4	97	0.00
23 C	2-Nitrophenol	0.166	0.177	-6.6	96	0.00
24	2,4-Dimethylphenol	0.369	0.395	-7.0	97	0.00
25	Bis(2-Chloroethoxy)methane	0.389	0.410	-5.4	97	0.00
26 S	2,4-Dichlorophenol-d3	0.297	0.318	-7.1	99	0.00
27 C	2,4-Dichlorophenol	0.297	0.314	-5.7	99	0.00
28	Naphthalene	0.950	1.021	-7.5	98	0.00
29 S	4-Chloroaniline-d4	0.336	0.372	-10.7	98	0.00
30	4-Chloroaniline	0.339	0.383	-13.0	100	0.00
31 C	Hexachlorobutadiene	0.241	0.259	-7.5	99	0.00
32	Caprolactam	0.091	0.092	-1.1	100	0.00
33 C	4-Chloro-3-methylphenol	0.320	0.337	-5.3	99	0.00
34	2-Methylnaphthalene	0.683	0.735	-7.6	100	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
36	1,2,4,5-Tetrachlorobenzene	0.627	0.689	-9.9	102	0.00
37	Hexachlorocyclopentadiene	0.241	0.213	11.6	108	0.00
38 C	2,4,6-Trichlorophenol	0.362	0.390	-7.7	100	0.00
39	2,4,5-Trichlorophenol	0.385	0.416	-8.1	100	0.00
40	1,1'-Biphenyl	1.326	1.452	-9.5	100	0.00
41	2-Chloronaphthalene	1.023	1.116	-9.1	101	0.00
42	2-Nitroaniline	0.306	0.325	-6.2	100	0.00
43 S	Dimethylphthalate-d6	1.314	1.440	-9.6	104	0.00
44	Dimethylphthalate	1.287	1.417	-10.1	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.253	0.274	-8.3	102	0.00
46 S	Acenaphthylene-d8	1.573	1.710	-8.7	101	0.00
47	Acenaphthylene	1.595	1.748	-9.6	102	0.00
48	3-Nitroaniline	0.248	0.270	-8.9	103	0.00
49 C	Acenaphthene	1.097	1.187	-8.2	101	0.00
50	2,4-Dinitrophenol	0.144	0.132	8.3	111	0.00
51 S	4-Nitrophenol-d4	0.198	0.184	7.1	100	0.00
52	4-Nitrophenol	0.197	0.175	11.2	98	0.00
53	Dibenzofuran	1.586	1.746	-10.1	103	0.00
54	2,4-Dinitrotoluene	0.373	0.412	-10.5	106	0.00
55	2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	104	0.00
56	Diethylphthalate	1.289	1.402	-8.8	104	0.00
57 S	Fluorene-d10	1.144	1.255	-9.7	103	0.00
58	Fluorene	1.297	1.428	-10.1	104	0.00
59	4-Chlorophenyl-phenylether	0.695	0.760	-9.4	102	0.00
60	4-Nitroaniline	0.226	0.255	-12.8	118	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.117	0.113	3.4	107	0.00
63	4,6-Dinitro-2-methylphenol	0.120	0.119	0.8	111	0.00
64	N-Nitrosodiphenylamine	0.549	0.597	-8.7	104	0.00
65	4-Bromophenyl-phenylether	0.223	0.241	-8.1	106	0.00
66	Hexachlorobenzene	0.249	0.269	-8.0	105	0.00
67	Atrazine	0.223	0.232	-4.0	105	0.00
68 C	Pentachlorophenol	0.136	0.128	5.9	101	0.00
69	Phenanthrene	1.031	1.107	-7.4	104	0.00
70 S	Anthracene-d10	0.874	0.948	-8.5	106	0.00
71	Anthracene	1.042	1.127	-8.2	104	0.00
72	1,2,3,4-Tetrachlorobenzene	0.299	0.320	-7.0	100	0.00
73	Pentachlorobenzene	0.302	0.334	-10.6	104	0.00
74	Carbazole	0.912	0.955	-4.7	105	0.00
75	Di-n-butylphthalate	1.047	1.103	-5.3	104	0.00
76 C	Fluoranthene	1.251	1.318	-5.4	104	0.00
77 I	Chrysene-d12	1.000	1.000	0.0	106	0.00
78 S	Pyrene-d10	0.778	0.841	-8.1	106	0.00
79	Pyrene	0.995	1.078	-8.3	106	0.00
80	Butylbenzylphthalate	0.368	0.388	-5.4	105	0.00
81	3,3'-Dichlorobenzidine	0.342	0.379	-10.8	109	0.00
82	Benzo(a)anthracene	1.039	1.116	-7.4	105	0.00
83	Bis(2-ethylhexyl)phthalate	0.539	0.567	-5.2	103	0.00
84	Chrysene	0.999	1.084	-8.5	107	0.00
85 I	Perylene-d12	1.000	1.000	0.0	105	0.00
86	Di-n-octyl phthalate	0.977	1.012	-3.6	103	0.00
87	Benzo(b)fluoranthene	1.069	1.167	-9.2	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.037	1.155	-11.4	103	0.00
89 S	Benzo(a)pyrene-d12	0.841	0.923	-9.8	105	0.00
90 C	Benzo(a)pyrene	1.035	1.152	-11.3	106	0.00
91	Indeno(1,2,3-cd)pyrene	1.269	1.386	-9.2	103	0.00
92	Dibenzo(a,h)anthracene	1.068	1.164	-9.0	104	0.00
93	Benzo(a,h,i)perylene	1.057	1.158	-9.6	103	0.00

(#) = Out of Range

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