

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM005021.D
 Acq On : 21 Apr 2016 10:10
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02064

Quant Time: Apr 21 11:09:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 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	86	0.00
2	1,4-Dioxane	0.681	0.679	0.3	84	0.00
3 S	1,4-Dioxane-d8	0.373	0.370	0.8	83	0.00
4	Benzaldehyde	0.816	0.945	-15.8	81	0.00
5 S	Phenol-d5	1.428	1.465	-2.6	82	0.00
6	Phenol	1.478	1.538	-4.1	83	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.819	0.838	-2.3	82	0.00
8	Bis(2-Chloroethyl)ether	1.155	1.175	-1.7	82	0.00
9 S	2-Chlorophenol-d4	1.193	1.220	-2.3	87	0.00
10	2-Chlorophenol	1.226	1.232	-0.5	84	0.00
11	2-Methylphenol	1.161	1.182	-1.8	82	0.00
12	2,2'-oxybis(1-Chloropropane	1.434	1.471	-2.6	81	0.00
13 S	4-Methylphenol-d8	1.179	1.216	-3.1	83	0.00
14	Acetophenone	1.765	1.902	-7.8	82	0.00
15 P	N-Nitroso-di-n-propylamine	0.931	0.913	1.9	79	0.00
16	4-Methylphenol	1.257	1.291	-2.7	81	0.00
17	Hexachloroethane	0.481	0.485	-0.8	87	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	83	0.00
19 S	Nitrobenzene-d5	0.132	0.135	-2.3	83	0.00
20	Nitrobenzene	0.309	0.316	-2.3	83	0.00
21	Isophorone	0.587	0.586	0.2	81	0.00
22 S	2-Nitrophenol-d4	0.149	0.151	-1.3	82	0.00
23 C	2-Nitrophenol	0.158	0.162	-2.5	82	0.00
24	2,4-Dimethylphenol	0.318	0.331	-4.1	82	0.00
25	Bis(2-Chloroethoxy)methane	0.369	0.359	2.7	80	0.00
26 S	2,4-Dichlorophenol-d3	0.271	0.278	-2.6	84	0.00
27 C	2,4-Dichlorophenol	0.273	0.280	-2.6	84	0.00
28	Naphthalene	0.891	0.917	-2.9	84	0.00
29 S	4-Chloroaniline-d4	0.305	0.358	-17.4	82	0.00
30	4-Chloroaniline	0.308	0.364	-18.2	83	0.00
31 C	Hexachlorobutadiene	0.176	0.189	-7.4	89	0.00
32	Caprolactam	0.084	0.082	2.4	81	0.00
33 C	4-Chloro-3-methylphenol	0.301	0.302	-0.3	81	0.00
34	2-Methylnaphthalene	0.649	0.657	-1.2	81	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	82	0.00
36	1,2,4,5-Tetrachlorobenzene	0.571	0.600	-5.1	83	0.00
37	Hexachlorocyclopentadiene	0.306	0.308	-0.7	86	0.00
38 C	2,4,6-Trichlorophenol	0.376	0.384	-2.1	81	0.00
39	2,4,5-Trichlorophenol	0.406	0.416	-2.5	82	0.00
40	1,1'-Biphenyl	1.435	1.482	-3.3	82	0.00
41	2-Chloronaphthalene	1.091	1.127	-3.3	82	0.00
42	2-Nitroaniline	0.307	0.307	0.0	80	0.00
43 S	Dimethylphthalate-d6	1.360	1.374	-1.0	81	0.00
44	Dimethylphthalate	1.354	1.360	-0.4	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.270	0.280	-3.7	82	0.00
46 S	Acenaphthylene-d8	1.668	1.727	-3.5	82	0.00
47	Acenaphthylene	1.772	1.822	-2.8	81	0.00
48	3-Nitroaniline	0.273	0.295	-8.1	83	0.00
49 C	Acenaphthene	1.153	1.181	-2.4	81	0.00
50	2,4-Dinitrophenol	0.119	0.083	30.3#	77	0.00
51 S	4-Nitrophenol-d4	0.232	0.226	2.6	82	0.00
52	4-Nitrophenol	0.196	0.196	0.0	84	0.00
53	Dibenzofuran	1.669	1.720	-3.1	82	0.00
54	2,4-Dinitrotoluene	0.384	0.399	-3.9	83	0.00
55	2,3,4,6-Tetrachlorophenol	0.334	0.345	-3.3	84	0.00
56	Diethylphthalate	1.326	1.348	-1.7	82	0.00
57 S	Fluorene-d10	1.175	1.197	-1.9	82	0.00
58	Fluorene	1.284	1.329	-3.5	82	0.00
59	4-Chlorophenyl-phenylether	0.643	0.664	-3.3	81	0.00
60	4-Nitroaniline	0.283	0.300	-6.0	88	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.087	0.074	14.9	77	0.00
63	4,6-Dinitro-2-methylphenol	0.090	0.077	14.4	76	0.00
64	N-Nitrosodiphenylamine	0.516	0.529	-2.5	82	0.00
65	4-Bromophenyl-phenylether	0.184	0.191	-3.8	83	0.00
66	Hexachlorobenzene	0.206	0.214	-3.9	84	0.00
67	Atrazine	0.175	0.189	-8.0	85	0.00
68 C	Pentachlorophenol	0.113	0.118	-4.4	89	0.00
69	Phenanthrene	0.933	0.963	-3.2	84	0.00
70 S	Anthracene-d10	0.795	0.823	-3.5	84	0.00
71	Anthracene	0.944	0.972	-3.0	83	0.00
72	Carbazole	0.795	0.879	-10.6	87	0.00
73	Di-n-butylphthalate	0.957	0.982	-2.6	85	0.00
74 C	Fluoranthene	0.961	1.078	-12.2	88	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	93	0.00
76 S	Pyrene-d10	0.833	0.821	1.4	89	0.00
77	Pyrene	1.057	1.037	1.9	89	0.00
78	Butylbenzylphthalate	0.409	0.414	-1.2	93	0.00
79	3,3'-Dichlorobenzidine	0.293	0.341	-16.4	95	0.00
80	Benzo(a)anthracene	0.985	1.010	-2.5	94	0.00
81	Bis(2-ethylhexyl)phthalate	0.559	0.577	-3.2	95	0.00
82	Chrysene	0.934	0.953	-2.0	94	0.00
83 I	Perylene-d12	1.000	1.000	0.0	94	0.00
84	Di-n-octyl phthalate	0.960	1.041	-8.4	97	0.00
85	Benzo(b)fluoranthene	0.992	1.037	-4.5	98	0.00
86	Benzo(k)fluoranthene	0.957	0.981	-2.5	93	0.00
87 S	Benzo(a)pyrene-d12	0.770	0.796	-3.4	96	0.00

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88 C	Benzo(a)pyrene	0.950	0.994	-4.6	96	0.00
89	Indeno(1,2,3-cd)pyrene	1.057	1.091	-3.2	95	0.00
90	Dibenzo(a,h)anthracene	0.885	0.915	-3.4	94	0.00
91	Benzo(g,h,i)perylene	0.890	0.900	-1.1	94	0.00

(#) = Out of Range

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