

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM004989.D
 Acq On : 20 Apr 2016 10:53
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02061

Quant Time: Apr 21 10:03:17 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	97	0.00
2	1,4-Dioxane	0.681	0.731	-7.3	102	0.00
3 S	1,4-Dioxane-d8	0.373	0.395	-5.9	100	0.00
4	Benzaldehyde	0.816	0.962	-17.9	93	0.00
5 S	Phenol-d5	1.428	1.480	-3.6	94	0.00
6	Phenol	1.478	1.583	-7.1	97	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.819	0.906	-10.6	100	0.00
8	Bis(2-Chloroethyl)ether	1.155	1.262	-9.3	99	0.00
9 S	2-Chlorophenol-d4	1.193	1.226	-2.8	98	0.00
10	2-Chlorophenol	1.226	1.245	-1.5	96	0.00
11	2-Methylphenol	1.161	1.203	-3.6	94	0.00
12	2,2'-oxybis(1-Chloropropane	1.434	1.609	-12.2	100	0.00
13 S	4-Methylphenol-d8	1.179	1.218	-3.3	94	0.00
14	Acetophenone	1.765	1.958	-10.9	96	0.00
15 P	N-Nitroso-di-n-propylamine	0.931	0.942	-1.2	92	0.00
16	4-Methylphenol	1.257	1.343	-6.8	95	0.00
17	Hexachloroethane	0.481	0.484	-0.6	97	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
19 S	Nitrobenzene-d5	0.132	0.127	3.8	91	0.00
20	Nitrobenzene	0.309	0.309	0.0	95	0.00
21	Isophorone	0.587	0.582	0.9	93	0.00
22 S	2-Nitrophenol-d4	0.149	0.138	7.4	87	0.00
23 C	2-Nitrophenol	0.158	0.152	3.8	89	0.00
24	2,4-Dimethylphenol	0.318	0.327	-2.8	95	0.00
25	Bis(2-Chloroethoxy)methane	0.369	0.372	-0.8	96	0.00
26 S	2,4-Dichlorophenol-d3	0.271	0.269	0.7	94	0.00
27 C	2,4-Dichlorophenol	0.273	0.274	-0.4	95	0.00
28	Naphthalene	0.891	0.913	-2.5	97	0.00
29 S	4-Chloroaniline-d4	0.305	0.348	-14.1	93	0.00
30	4-Chloroaniline	0.308	0.355	-15.3	94	0.00
31 C	Hexachlorobutadiene	0.176	0.178	-1.1	97	0.00
32	Caprolactam	0.084	0.072	14.3	82	0.00
33 C	4-Chloro-3-methylphenol	0.301	0.295	2.0	92	0.00
34	2-Methylnaphthalene	0.649	0.664	-2.3	95	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
36	1,2,4,5-Tetrachlorobenzene	0.571	0.595	-4.2	94	0.00
37	Hexachlorocyclopentadiene	0.306	0.335	-9.5	108	0.00
38 C	2,4,6-Trichlorophenol	0.376	0.371	1.3	90	0.00
39	2,4,5-Trichlorophenol	0.406	0.405	0.2	92	0.00
40	1,1'-Biphenyl	1.435	1.507	-5.0	95	0.00
41	2-Chloronaphthalene	1.091	1.137	-4.2	95	0.00
42	2-Nitroaniline	0.307	0.282	8.1	84	0.00
43 S	Dimethylphthalate-d6	1.360	1.376	-1.2	93	0.00
44	Dimethylphthalate	1.354	1.384	-2.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.270	0.259	4.1	87	0.00
46 S	Acenaphthylene-d8	1.668	1.720	-3.1	93	0.00
47	Acenaphthylene	1.772	1.831	-3.3	93	0.00
48	3-Nitroaniline	0.273	0.271	0.7	87	0.00
49 C	Acenaphthene	1.153	1.183	-2.6	93	0.00
50	2,4-Dinitrophenol	0.119	0.094	21.0#	100	0.00
51 S	4-Nitrophenol-d4	0.232	0.192	17.2	80	0.00
52	4-Nitrophenol	0.196	0.169	13.8	82	0.00
53	Dibenzofuran	1.669	1.707	-2.3	93	0.00
54	2,4-Dinitrotoluene	0.384	0.374	2.6	89	0.00
55	2,3,4,6-Tetrachlorophenol	0.334	0.328	1.8	91	0.00
56	Diethylphthalate	1.326	1.310	1.2	91	0.00
57 S	Fluorene-d10	1.175	1.192	-1.4	94	0.00
58	Fluorene	1.284	1.319	-2.7	93	0.00
59	4-Chlorophenyl-phenylether	0.643	0.662	-3.0	92	0.00
60	4-Nitroaniline	0.283	0.253	10.6	85	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.087	0.085	2.3	100	0.00
63	4,6-Dinitro-2-methylphenol	0.090	0.091	-1.1	101	0.00
64	N-Nitrosodiphenylamine	0.516	0.533	-3.3	93	0.00
65	4-Bromophenyl-phenylether	0.184	0.187	-1.6	92	0.00
66	Hexachlorobenzene	0.206	0.210	-1.9	93	0.00
67	Atrazine	0.175	0.175	0.0	89	0.00
68 C	Pentachlorophenol	0.113	0.103	8.8	88	0.00
69	Phenanthrene	0.933	0.960	-2.9	94	0.00
70 S	Anthracene-d10	0.795	0.811	-2.0	93	0.00
71	Anthracene	0.944	0.978	-3.6	94	0.00
72	Carbazole	0.795	0.851	-7.0	95	0.00
73	Di-n-butylphthalate	0.957	0.899	6.1	88	0.00
74 C	Fluoranthene	0.961	1.042	-8.4	96	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
76 S	Pyrene-d10	0.833	0.826	0.8	97	0.00
77	Pyrene	1.057	1.063	-0.6	98	0.00
78	Butylbenzylphthalate	0.409	0.347	15.2	84	0.00
79	3,3'-Dichlorobenzidine	0.293	0.311	-6.1	93	0.00
80	Benzo(a)anthracene	0.985	1.000	-1.5	101	0.00
81	Bis(2-ethylhexyl)phthalate	0.559	0.498	10.9	88	0.00
82	Chrysene	0.934	0.962	-3.0	103	0.00
83 I	Perylene-d12	1.000	1.000	0.0	103	0.00
84	Di-n-octyl phthalate	0.960	0.882	8.1	90	0.00
85	Benzo(b)fluoranthene	0.992	1.010	-1.8	104	0.00
86	Benzo(k)fluoranthene	0.957	0.982	-2.6	102	0.00
87 S	Benzo(a)pyrene-d12	0.770	0.776	-0.8	102	0.00

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88 C	Benzo(a)pyrene	0.950	0.981	-3.3	104	0.00
89	Indeno(1,2,3-cd)pyrene	1.057	1.078	-2.0	102	0.00
90	Dibenzo(a,h)anthracene	0.885	0.896	-1.2	101	0.00
91	Benzo(g,h,i)perylene	0.890	0.913	-2.6	104	0.00

(#) = Out of Range

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