

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
 Data File : BM007785.D
 Acq On : 07 Nov 2016 23:16
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02039

Quant Time: Nov 08 03:28:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 08 02:10:44 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	95	0.00
2	1,4-Dioxane	0.510	0.506	0.8	93	0.00
3 S	1,4-Dioxane-d8	0.467	0.468	-0.2	92	0.00
4	Benzaldehyde	0.976	1.111	-13.8	96	0.00
5 S	Phenol-d5	1.544	1.512	2.1	96	0.00
6	Phenol	1.584	1.583	0.1	96	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	0.916	0.913	0.3	95	0.00
8	Bis(2-Chloroethyl)ether	1.221	1.219	0.2	94	0.00
9 S	2-Chlorophenol-d4	1.184	1.224	-3.4	98	0.00
10	2-Chlorophenol	1.215	1.231	-1.3	95	0.00
11	2-Methylphenol	1.153	1.129	2.1	96	0.00
12	2,2'-oxybis(1-Chloropropane	1.353	1.375	-1.6	95	0.00
13 S	4-Methylphenol-d8	1.208	1.171	3.1	94	0.00
14	Acetophenone	1.894	1.865	1.5	95	0.00
15 P	N-Nitroso-di-n-propylamine	0.940	0.963	-2.4	98	0.00
16	4-Methylphenol	1.243	1.250	-0.6	97	0.00
17	Hexachloroethane	0.537	0.547	-1.9	94	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
19 S	Nitrobenzene-d5	0.144	0.152	-5.6	94	0.00
20	Nitrobenzene	0.370	0.394	-6.5	97	0.00
21	Isophorone	0.633	0.667	-5.4	96	0.00
22 S	2-Nitrophenol-d4	0.153	0.166	-8.5	100	0.00
23 C	2-Nitrophenol	0.159	0.173	-8.8	96	0.00
24	2,4-Dimethylphenol	0.364	0.385	-5.8	95	0.00
25	Bis(2-Chloroethoxy)methane	0.387	0.407	-5.2	95	0.00
26 S	2,4-Dichlorophenol-d3	0.300	0.322	-7.3	97	0.00
27 C	2,4-Dichlorophenol	0.295	0.315	-6.8	96	0.00
28	Naphthalene	0.973	1.005	-3.3	95	0.00
29 S	4-Chloroaniline-d4	0.342	0.386	-12.9	99	0.00
30	4-Chloroaniline	0.347	0.383	-10.4	97	0.00
31 C	Hexachlorobutadiene	0.241	0.255	-5.8	96	0.00
32	Caprolactam	0.082	0.079	3.7	97	0.00
33 C	4-Chloro-3-methylphenol	0.310	0.332	-7.1	97	0.00
34	2-Methylnaphthalene	0.692	0.718	-3.8	94	0.00
35 I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00
36	1,2,4,5-Tetrachlorobenzene	0.646	0.671	-3.9	95	0.00
37	Hexachlorocyclopentadiene	0.380	0.292	23.2#	77	0.00
38 C	2,4,6-Trichlorophenol	0.359	0.387	-7.8	99	0.00
39	2,4,5-Trichlorophenol	0.393	0.419	-6.6	98	0.00
40	1,1'-Biphenyl	1.410	1.456	-3.3	94	0.00
41	2-Chloronaphthalene	1.079	1.127	-4.4	95	0.00
42	2-Nitroaniline	0.286	0.315	-10.1	100	0.00
43 S	Dimethylphthalate-d6	1.362	1.411	-3.6	96	0.00
44	Dimethylphthalate	1.322	1.370	-3.6	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	2,6-Dinitrotoluene	0.249	0.269	-8.0	100	0.00
46 S	Acenaphthylene-d8	1.639	1.718	-4.8	95	0.00
47	Acenaphthylene	1.662	1.753	-5.5	96	0.00
48	3-Nitroaniline	0.246	0.270	-9.8	102	0.00
49 C	Acenaphthene	1.147	1.191	-3.8	96	0.00
50	2,4-Dinitrophenol	0.153	0.127	17.0	92	0.00
51 S	4-Nitrophenol-d4	0.215	0.213	0.9	101	0.00
52	4-Nitrophenol	0.214	0.200	6.5	91	0.00
53	Dibenzofuran	1.647	1.718	-4.3	96	0.00
54	2,4-Dinitrotoluene	0.359	0.390	-8.6	99	0.00
55	2,3,4,6-Tetrachlorophenol	0.351	0.373	-6.3	98	0.00
56	Diethylphthalate	1.309	1.364	-4.2	97	0.00
57 S	Fluorene-d10	1.194	1.231	-3.1	94	0.00
58	Fluorene	1.315	1.370	-4.2	95	0.00
59	4-Chlorophenyl-phenylether	0.701	0.735	-4.9	96	0.00
60	4-Nitroaniline	0.248	0.249	-0.4	106	0.00
61 I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
62 S	4,6-Dinitro-2-methylphenol-	0.119	0.108	9.2	94	0.00
63	4,6-Dinitro-2-methylphenol	0.123	0.113	8.1	94	0.00
64	N-Nitrosodiphenylamine	0.572	0.605	-5.8	97	0.00
65	4-Bromophenyl-phenylether	0.228	0.238	-4.4	96	0.00
66	Hexachlorobenzene	0.253	0.262	-3.6	95	0.00
67	Atrazine	0.220	0.224	-1.8	98	0.00
68 C	Pentachlorophenol	0.142	0.138	2.8	101	0.00
69	Phenanthrene	1.063	1.107	-4.1	97	0.00
70 S	Anthracene-d10	0.901	0.966	-7.2	98	0.00
71	Anthracene	1.083	1.137	-5.0	97	0.00
72	Carbazole	0.937	0.974	-3.9	97	0.00
73	Di-n-butylphthalate	1.044	1.130	-8.2	99	0.00
74 C	Fluoranthene	1.243	1.321	-6.3	99	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	95	0.00
76 S	Pyrene-d10	0.822	0.845	-2.8	97	0.00
77	Pyrene	1.033	1.066	-3.2	98	0.00
78	Butylbenzylphthalate	0.368	0.396	-7.6	103	0.00
79	3,3'-Dichlorobenzidine	0.355	0.376	-5.9	101	0.00
80	Benzo(a)anthracene	1.069	1.112	-4.0	99	0.00
81	Bis(2-ethylhexyl)phthalate	0.541	0.583	-7.8	102	0.00
82	Chrysene	1.027	1.070	-4.2	99	0.00
83 I	Perylene-d12	1.000	1.000	0.0	100	0.00
84	Di-n-octyl phthalate	1.014	1.003	1.1	104	0.00
85	Benzo(b)fluoranthene	1.143	1.157	-1.2	101	0.00
86	Benzo(k)fluoranthene	1.051	1.089	-3.6	102	0.00
87 S	Benzo(a)pyrene-d12	0.873	0.908	-4.0	104	0.00

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88 C	Benzo(a)pyrene	1.076	1.113	-3.4	103	0.00
89	Indeno(1,2,3-cd)pyrene	1.289	1.359	-5.4	105	0.00
90	Dibenzo(a,h)anthracene	1.088	1.140	-4.8	104	0.00
91	Benzo(a,h,i)perylene	1.083	1.127	-4.1	103	0.00

(#) = Out of Range

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