

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019751.D
 Acq On : 05 Apr 2019 16:21
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02098

Quant Time: Apr 06 01:00:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2	1,4-Dioxane	0.581	0.448	22.9	82	0.00
3 S	1,4-Dioxane-d8	0.511	0.428	16.2	90	0.00
4	Benzaldehyde	1.276	1.313	-2.9	108	0.00
5 S	Phenol-d5	1.781	1.780	0.1	112	0.00
6	Phenol	1.859	1.873	-0.8	112	0.00
7 S	Bis-(2-Chloroethyl)ether-d8	1.192	1.133	4.9	105	0.00
8	Bis(2-Chloroethyl)ether	1.422	1.361	4.3	104	0.00
9 S	2-Chlorophenol-d4	1.350	1.383	-2.4	110	0.00
10	2-Chlorophenol	1.372	1.403	-2.3	109	0.00
11	2-Methylphenol	1.296	1.351	-4.2	119	0.00
12	2,2'-oxybis(1-Chloropropane	1.348	1.313	2.6	113	0.00
13 S	4-Methylphenol-d8	1.337	1.417	-6.0	121	0.00
14	Acetophenone	2.177	2.188	-0.5	115	0.00
15 P	N-Nitroso-di-n-propylamine	1.220	1.319	-8.1	121	0.00
16	4-Methylphenol	1.422	1.521	-7.0	122	0.00
17	Hexachloroethane	0.577	0.569	1.4	112	0.00
18 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
19 S	Nitrobenzene-d5	0.143	0.144	-0.7	125	0.00
20	Nitrobenzene	0.425	0.387	8.9	117	0.00
21	Isophorone	0.729	0.725	0.5	125	0.00
22 S	2-Nitrophenol-d4	0.159	0.164	-3.1	124	0.00
23 C	2-Nitrophenol	0.175	0.179	-2.3	124	0.00
24	2,4-Dimethylphenol	0.381	0.367	3.7	120	0.00
25	Bis(2-Chloroethoxy)methane	0.440	0.419	4.8	116	0.00
26 S	2,4-Dichlorophenol-d3	0.300	0.311	-3.7	125	0.00
27 C	2,4-Dichlorophenol	0.296	0.306	-3.4	121	0.00
28	Naphthalene	1.036	0.986	4.8	116	0.00
29 S	4-Chloroaniline-d4	0.360	0.384	-6.7	129	0.00
30	4-Chloroaniline	0.379	0.397	-4.7	124	0.00
31 C	Hexachlorobutadiene	0.187	0.174	7.0	111	0.00
32	Caprolactam	0.088	0.096	-9.1	146	0.00
33 C	4-Chloro-3-methylphenol	0.319	0.346	-8.5	134	0.00
34	2-Methylnaphthalene	0.726	0.727	-0.1	123	0.00
35	1-Methylnaphthalene	0.685	0.685	0.0	125	0.00
36 I	Acenaphthene-d10	1.000	1.000	0.0	125	0.00
37	1,2,4,5-Tetrachlorobenzene	0.636	0.588	7.5	121	0.00
38	Hexachlorocyclopentadiene	0.326	0.300	8.0	145	0.00
39 C	2,4,6-Trichlorophenol	0.397	0.400	-0.8	130	0.00
40	2,4,5-Trichlorophenol	0.426	0.435	-2.1	135	0.00
41	1,1'-Biphenyl	1.703	1.581	7.2	124	0.00
42	2-Chloronaphthalene	1.305	1.243	4.8	127	0.00
43	2-Nitroaniline	0.358	0.379	-5.9	141	0.00
44 S	Dimethylphthalate-d6	1.614	1.541	4.5	127	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	Dimethylphthalate	1.619	1.547	4.4	127	0.00
46	2,6-Dinitrotoluene	0.297	0.317	-6.7	139	0.00
47 S	Acenaphthylene-d8	2.018	1.982	1.8	128	0.00
48	Acenaphthylene	2.000	1.950	2.5	128	0.00
49	3-Nitroaniline	0.291	0.310	-6.5	144	0.00
50 C	Acenaphthene	1.409	1.337	5.1	128	0.00
51	2,4-Dinitrophenol	0.172	0.130	24.4	131	0.00
52 S	4-Nitrophenol-d4	0.253	0.222	12.3	133	0.00
53	4-Nitrophenol	0.198	0.171	13.6	131	0.00
54	Dibenzofuran	1.967	1.899	3.5	129	0.00
55	2,4-Dinitrotoluene	0.440	0.470	-6.8	140	0.00
56	2,3,4,6-Tetrachlorophenol	0.359	0.361	-0.6	130	0.00
57	Diethylphthalate	1.593	1.586	0.4	134	0.00
58 S	Fluorene-d10	1.390	1.359	2.2	130	0.00
59	Fluorene	1.559	1.537	1.4	131	0.00
60	4-Chlorophenyl-phenylether	0.778	0.739	5.0	127	0.00
61	4-Nitroaniline	0.318	0.334	-5.0	148	0.00
62 I	Phenanthrene-d10	1.000	1.000	0.0	130	0.00
63 S	4,6-Dinitro-2-methylphenol-	0.132	0.106	19.7	124	0.00
64	4,6-Dinitro-2-methylphenol	0.140	0.113	19.3	121	0.00
65	N-Nitrosodiphenylamine	0.622	0.594	4.5	131	0.00
66	4-Bromophenyl-phenylether	0.217	0.204	6.0	130	0.00
67	Hexachlorobenzene	0.263	0.247	6.1	132	0.00
68	Atrazine	0.218	0.206	5.5	137	0.00
69 C	Pentachlorophenol	0.137	0.124	9.5	142	0.00
70	Phenanthrene	1.134	1.073	5.4	133	0.00
71 S	Anthracene-d10	0.960	0.942	1.9	137	0.00
72	Anthracene	1.157	1.117	3.5	135	0.00
73	1,2,3,4-Tetrachlorobenzene	0.290	0.257	11.4	121	0.00
74	Pentachlorobenzene	0.303	0.275	9.2	126	0.00
75	Carbazole	1.038	0.993	4.3	139	0.00
76	Di-n-butylphthalate	1.150	1.209	-5.1	147	0.00
77 C	Fluoranthene	1.299	1.214	6.5	136	0.00
78 I	Chrysene-d12	1.000	1.000	0.0	117	0.00
79 S	Pyrene-d10	0.924	0.987	-6.8	133	0.00
80	Pyrene	1.203	1.286	-6.9	133	0.00
81	Butylbenzylphthalate	0.476	0.599	-25.8#	158#	0.00
82	3,3'-Dichlorobenzidine	0.434	0.433	0.2	124	0.00
83	Benzo(a)anthracene	1.204	1.167	3.1	122	0.00
84	Bis(2-ethylhexyl)phthalate	0.691	0.894	-29.4#	162#	0.00
85	Chrysene	1.155	1.092	5.5	120	0.00
86 I	Perylene-d12	1.000	1.000	0.0	96	0.00
87	Di-n-octyl phthalate	1.247	1.724	-38.3#	151#	0.00

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88	Benzo(b)fluoranthene	1.218	1.192	2.1	99	0.00
89	Benzo(k)fluoranthene	1.170	1.170	0.0	103	0.00
90 S	Benzo(a)pyrene-d12	1.060	1.036	2.3	101	0.00
91 C	Benzo(a)pyrene	1.165	1.109	4.8	98	0.00
92	Indeno(1,2,3-cd)pyrene	1.458	1.319	9.5	92	0.00
93	Dibenzo(a,h)anthracene	1.243	1.118	10.1	92	0.00
94	Benzo(g,h,i)perylene	1.219	1.090	10.6	90	0.00

(#) = Out of Range

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