

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020311.D
 Acq On : 13 May 2019 12:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 14 03:55:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	41	-0.03
2	1,4-Dioxane	40.000	44.128	-10.3	49	-0.02
3	Pyridine	40.000	50.495	-26.2#	50	-0.01
4	n-Nitrosodimethylamine	40.000	42.221	-5.6	45	-0.02
5 S	2-Fluorophenol	80.000	93.048	-16.3	50	-0.02
6	Aniline	40.000	46.296	-15.7	49	-0.03
7 S	Phenol-d6	80.000	91.858	-14.8	49	-0.02
8	2-Chlorophenol	40.000	45.960	-14.9	48	-0.03
9	Benzaldehyde	40.000	40.291	-0.7	42	-0.02
10 C	Phenol	40.000	45.229	-13.1	47	-0.02
11	bis(2-Chloroethyl)ether	40.000	47.244	-18.1	49	-0.03
12	1,3-Dichlorobenzene	40.000	44.966	-12.4	48	-0.04
13 C	1,4-Dichlorobenzene	40.000	44.921	-12.3	47	-0.03
14	1,2-Dichlorobenzene	40.000	45.277	-13.2	48	-0.03
15	Benzyl Alcohol	40.000	39.970	0.1	42	-0.03
16	2,2'-oxybis(1-Chloropropane)	40.000	42.905	-7.3	43	-0.02
17	2-Methylphenol	40.000	44.366	-10.9	46	-0.02
18	Hexachloroethane	40.000	43.124	-7.8	46	-0.04
19 P	n-Nitroso-di-n-propylamine	40.000	42.122	-5.3	43	-0.03
20	3+4-Methylphenols	40.000	44.645	-11.6	46	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	40	-0.04
22	Acetophenone	40.000	43.395	-8.5	45	-0.03
23 S	Nitrobenzene-d5	80.000	84.523	-5.7	44	-0.03
24	Nitrobenzene	40.000	41.604	-4.0	44	-0.03
25	Isophorone	40.000	44.513	-11.3	45	-0.03
26 C	2-Nitrophenol	40.000	51.935	-29.8#	53	-0.03
27	2,4-Dimethylphenol	40.000	43.503	-8.8	46	-0.03
28	bis(2-Chloroethoxy)methane	40.000	44.856	-12.1	46	-0.04
29 C	2,4-Dichlorophenol	40.000	44.948	-12.4	47	-0.02
30	1,2,4-Trichlorobenzene	40.000	43.267	-8.2	45	-0.03
31	Naphthalene	40.000	44.295	-10.7	46	-0.03
32	Benzoic acid	40.000	44.690	-11.7	48	0.00
33	4-Chloroaniline	40.000	42.711	-6.8	44	-0.02
34 C	Hexachlorobutadiene	40.000	41.950	-4.9	44	-0.04
35	Caprolactam	40.000	53.613	-34.0#	53	0.00
36 C	4-Chloro-3-methylphenol	40.000	44.336	-10.8	45	-0.01
37	2-Methylnaphthalene	40.000	44.567	-11.4	46	-0.04
38	1-Methylnaphthalene	40.000	45.308	-13.3	47	-0.03
39 I	Acenaphthene-d10	20.000	20.000	0.0	41	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	41.994	-5.0	45	-0.03
41 P	Hexachlorocyclopentadiene	40.000	44.425	-11.1	48	-0.04
42 S	2,4,6-Tribromophenol	80.000	100.732	-25.9#	52	-0.02
43 C	2,4,6-Trichlorophenol	40.000	47.095	-17.7	49	-0.02
44	2,4,5-Trichlorophenol	40.000	45.036	-12.6	48	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45 S	2-Fluorobiphenyl	80.000	85.231	-6.5	46	-0.04
46	1,1'-Biphenyl	40.000	43.424	-8.6	46	-0.03
47	2-Chloronaphthalene	40.000	43.728	-9.3	47	-0.03
48	2-Nitroaniline	40.000	40.914	-2.3	42	-0.02
49	Acenaphthylene	40.000	43.734	-9.3	46	-0.02
50	Dimethylphthalate	40.000	44.157	-10.4	46	-0.03
51	2,6-Dinitrotoluene	40.000	46.487	-16.2	48	-0.02
52 C	Acenaphthene	40.000	44.129	-10.3	46	-0.02
53	3-Nitroaniline	40.000	45.233	-13.1	47	-0.02
54 P	2,4-Dinitrophenol	40.000	47.291	-18.2	55	-0.01
55	Dibenzofuran	40.000	44.335	-10.8	47	-0.02
56 P	4-Nitrophenol	40.000	41.088	-2.7	42	0.00
57	2,4-Dinitrotoluene	40.000	47.126	-17.8	48	-0.02
58	Fluorene	40.000	44.760	-11.9	47	-0.03
59	2,3,4,6-Tetrachlorophenol	40.000	47.583	-19.0	50	-0.02
60	Diethylphthalate	40.000	44.878	-12.2	46	-0.03
61	4-Chlorophenyl-phenylether	40.000	44.296	-10.7	46	-0.03
62	4-Nitroaniline	40.000	43.264	-8.2	44	-0.01
63	Azobenzene	40.000	40.422	-1.1	42	-0.03
64 I	Phenanthrene-d10	20.000	20.000	0.0	42	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	49.434	-23.6	60	-0.02
66 c	n-Nitrosodiphenylamine	40.000	43.193	-8.0	47	-0.02
67	4-Bromophenyl-phenylether	40.000	43.345	-8.4	47	-0.02
68	Hexachlorobenzene	40.000	43.360	-8.4	47	-0.02
69	Atrazine	40.000	43.290	-8.2	47	-0.02
70 C	Pentachlorophenol	40.000	47.438	-18.6	51	-0.02
71	Phenanthrene	40.000	44.365	-10.9	49	-0.02
72	Anthracene	40.000	43.434	-8.6	47	-0.02
73	Carbazole	40.000	44.816	-12.0	49	-0.02
74	Di-n-butylphthalate	40.000	45.815	-14.5	49	-0.02
75 C	Fluoranthene	40.000	46.592	-16.5	51	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	46	-0.02
77	Benzidine	40.000	29.985	25.0#	35	-0.01
78	Pyrene	40.000	42.382	-6.0	51	-0.02
79 S	Terphenyl-d14	80.000	85.144	-6.4	51	-0.02
80	Butylbenzylphthalate	40.000	48.635	-21.6	57	-0.02
81	Benzo(a)anthracene	40.000	44.064	-10.2	53	-0.02
82	3,3'-Dichlorobenzidine	40.000	43.187	-8.0	51	-0.01
83	Chrysene	40.000	44.283	-10.7	53	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	47.516	-18.8	55	-0.03
85 c	Di-n-octyl phthalate	40.000	49.437	-23.6#	57	-0.03
86	Indeno(1,2,3-cd)pyrene	40.000	40.616	-1.5	50	-0.02
87 I	Perylene-d12	20.000	20.000	0.0	46	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	40.000	43.598	-9.0	52	-0.02
89	Benzo(k)fluoranthene	40.000	45.540	-13.8	54	-0.02
90 C	Benzo(a)pyrene	40.000	44.374	-10.9	53	-0.02
91	Dibenzo(a,h)anthracene	40.000	41.197	-3.0	50	-0.02
92	Benzo(q,h,i)perylene	40.000	41.155	-2.9	49	-0.03

(#) = Out of Range

SPCC's out = 0 CCC's out = 2