

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\  
 Data File : BF094044.D  
 Acq On : 30 Mar 2017 4:52  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 30 06:45:17 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 27 16:10:49 2017  
 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	84	-0.03
2	1,4-Dioxane	40.000	38.457	3.9	80	-0.06
3	Pyridine	40.000	39.672	0.8	81	-0.05
4	n-Nitrosodimethylamine	40.000	38.600	3.5	78	-0.05
5 S	2-Fluorophenol	80.000	77.725	2.8	82	-0.02
6	Aniline	40.000	36.598	8.5	75	-0.03
7 S	Phenol-d6	80.000	76.872	3.9	80	-0.02
8	2-Chlorophenol	40.000	39.731	0.7	82	-0.03
9	Benzaldehyde	40.000	36.824	7.9	77	-0.03
10 C	Phenol	40.000	37.336	6.7	74	-0.02
11	bis(2-Chloroethyl)ether	40.000	38.704	3.2	80	-0.03
12	1,3-Dichlorobenzene	40.000	39.426	1.4	82	-0.03
13 C	1,4-Dichlorobenzene	40.000	39.716	0.7	82	-0.04
14	1,2-Dichlorobenzene	40.000	39.660	0.9	83	-0.04
15	Benzyl Alcohol	40.000	37.800	5.5	77	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	35.855	10.4	73	-0.02
17	2-Methylphenol	40.000	38.930	2.7	80	-0.02
18	Hexachloroethane	40.000	37.311	6.7	76	-0.04
19 P	n-Nitroso-di-n-propylamine	40.000	38.333	4.2	80	-0.03
20	3+4-Methylphenols	40.000	40.558	-1.4	86	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	81	-0.03
22	Acetophenone	40.000	41.916	-4.8	88	-0.03
23 S	Nitrobenzene-d5	80.000	80.042	-0.1	81	-0.03
24	Nitrobenzene	40.000	39.310	1.7	79	-0.03
25	Isophorone	40.000	39.192	2.0	80	-0.03
26 C	2-Nitrophenol	40.000	30.015	25.0#	57	-0.03
27	2,4-Dimethylphenol	40.000	39.570	1.1	80	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.008	2.5	79	-0.03
29 C	2,4-Dichlorophenol	40.000	39.636	0.9	79	-0.02
30	1,2,4-Trichlorobenzene	40.000	40.265	-0.7	82	-0.03
31	Naphthalene	40.000	39.811	0.5	82	-0.04
32	Benzoic acid	40.000	16.853	57.9#	30	-0.05
33	4-Chloroaniline	40.000	40.026	-0.1	81	-0.03
34 C	Hexachlorobutadiene	40.000	40.164	-0.4	82	-0.03
35	Caprolactam	40.000	40.439	-1.1	79	-0.03
36 C	4-Chloro-3-methylphenol	40.000	38.453	3.9	77	-0.02
37	2-Methylnaphthalene	40.000	40.101	-0.3	82	-0.03
38 I	Acenaphthene-d10	20.000	20.000	0.0	83	-0.03
39	1,2,4,5-Tetrachlorobenzene	40.000	41.856	-4.6	87	-0.03
40 P	Hexachlorocyclopentadiene	40.000	19.161	52.1#	37	-0.03
41 S	2,4,6-Tribromophenol	80.000	69.600	13.0	70	-0.04
42 C	2,4,6-Trichlorophenol	40.000	37.323	6.7	76	-0.03
43	2,4,5-Trichlorophenol	40.000	36.209	9.5	71	-0.02
44 S	2-Fluorobiphenyl	80.000	81.706	-2.1	85	-0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	40.000	39.661	0.8	82	-0.03
46	2-Chloronaphthalene	40.000	39.932	0.2	83	-0.03
47	2-Nitroaniline	40.000	43.200	-8.0	85	-0.03
48	Acenaphthylene	40.000	39.651	0.9	82	-0.03
49	Dimethylphthalate	40.000	40.791	-2.0	85	-0.03
50	2,6-Dinitrotoluene	40.000	36.178	9.6	72	-0.03
51 C	Acenaphthene	40.000	39.054	2.4	82	-0.04
52	3-Nitroaniline	40.000	44.800	-12.0	91	-0.02
53 P	2,4-Dinitrophenol	40.000	8.090	79.8#	8	-0.03
54	Dibenzofuran	40.000	39.485	1.3	81	-0.04
55 P	4-Nitrophenol	40.000	24.035	39.9#	47	-0.02
56	2,4-Dinitrotoluene	40.000	34.120	14.7	67	-0.03
57	Fluorene	40.000	38.064	4.8	84	-0.03
58	2,3,4,6-Tetrachlorophenol	40.000	33.551	16.1	67	-0.03
59	Diethylphthalate	40.000	40.272	-0.7	83	-0.03
60	4-Chlorophenyl-phenylether	40.000	38.658	3.4	84	-0.03
61	4-Nitroaniline	40.000	44.509	-11.3	89	-0.03
62	Azobenzene	40.000	38.541	3.6	78	-0.03
63 I	Phenanthrene-d10	20.000	20.000	0.0	80	-0.03
64	4,6-Dinitro-2-methylphenol	40.000	7.284	81.8#	14	-0.04
65 c	n-Nitrosodiphenylamine	40.000	41.213	-3.0	83	-0.03
66	4-Bromophenyl-phenylether	40.000	41.826	-4.6	83	-0.03
67	Hexachlorobenzene	40.000	41.286	-3.2	83	-0.03
68	Atrazine	40.000	39.923	0.2	79	-0.03
69 C	Pentachlorophenol	40.000	23.057	42.4#	44	-0.03
70	Phenanthrene	40.000	39.331	1.7	80	-0.04
71	Anthracene	40.000	39.926	0.2	80	-0.04
72	Carbazole	40.000	37.363	6.6	75	-0.03
73	Di-n-butylphthalate	40.000	41.451	-3.6	82	-0.03
74 C	Fluoranthene	40.000	36.387	9.0	74	-0.04
75 I	Chrysene-d12	20.000	20.000	0.0	66	-0.04
76	Benzidine	40.000	23.335	41.7#	37	-0.04
77	Pyrene	40.000	42.866	-7.2	70	-0.04
78 S	Terphenyl-d14	80.000	89.414	-11.8	74	-0.04
79	Butylbenzylphthalate	40.000	47.729	-19.3	74	-0.03
80	Benzo(a)anthracene	40.000	40.460	-1.2	66	-0.04
81	3,3'-Dichlorobenzidine	40.000	37.922	5.2	59	-0.03
82	Chrysene	40.000	41.083	-2.7	67	-0.04
83	Bis(2-ethylhexyl)phthalate	40.000	50.277	-25.7#	79	-0.03
84 c	Di-n-octyl phthalate	40.000	46.162	-15.4	71	-0.03
85	Indeno(1,2,3-cd)pyrene	40.000	41.336	-3.3	70	-0.05
86 I	Perylene-d12	20.000	20.000	0.0	72	-0.04
87	Benzo(b)fluoranthene	40.000	39.811	0.5	70	-0.03

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88	Benzo(k)fluoranthene	40.000	41.050	-2.6	72	-0.04
89 C	Benzo(a)pyrene	40.000	41.076	-2.7	72	-0.04
90	Dibenzo(a,h)anthracene	40.000	39.486	1.3	71	-0.05
91	Benzo(a,h,i)perylene	40.000	36.603	8.5	67	-0.06

(#) = Out of Range

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