

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101304.D
 Acq On : 11 Dec 2017 23:10
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 12 11:03:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 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	89	0.00
2	1,4-Dioxane	40.000	37.971	5.1	82	-0.02
3	Pyridine	40.000	36.984	7.5	73	-0.01
4	n-Nitrosodimethylamine	40.000	40.228	-0.6	85	-0.02
5 S	2-Fluorophenol	80.000	78.755	1.6	85	0.00
6	Aniline	40.000	37.601	6.0	81	0.00
7 S	Phenol-d6	80.000	77.139	3.6	84	0.00
8	2-Chlorophenol	40.000	38.506	3.7	84	0.01
9	Benzaldehyde	40.000	35.304	11.7	80	0.00
10 C	Phenol	40.000	37.965	5.1	83	0.01
11	bis(2-Chloroethyl)ether	40.000	37.506	6.2	81	0.00
12	1,3-Dichlorobenzene	40.000	38.300	4.3	83	0.00
13 C	1,4-Dichlorobenzene	40.000	37.804	5.5	83	0.00
14	1,2-Dichlorobenzene	40.000	38.224	4.4	85	0.00
15	Benzyl Alcohol	40.000	37.720	5.7	80	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.542	8.6	78	0.00
17	2-Methylphenol	40.000	37.938	5.2	83	0.01
18	Hexachloroethane	40.000	31.057	22.4	68	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.972	7.6	82	0.00
20	3+4-Methylphenols	40.000	37.499	6.3	81	0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	82	0.00
22	Acetophenone	40.000	39.962	0.1	81	0.00
23 S	Nitrobenzene-d5	80.000	80.328	-0.4	81	0.00
24	Nitrobenzene	40.000	40.343	-0.9	82	0.00
25	Isophorone	40.000	38.803	3.0	79	0.00
26 C	2-Nitrophenol	40.000	32.568	18.6	66	0.00
27	2,4-Dimethylphenol	40.000	40.589	-1.5	82	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.548	1.1	80	0.00
29 C	2,4-Dichlorophenol	40.000	39.059	2.4	77	0.01
30	1,2,4-Trichlorobenzene	40.000	39.563	1.1	81	0.00
31	Naphthalene	40.000	38.400	4.0	78	0.00
32	Benzoic acid	40.000	18.026	54.9#	38	-0.02
33	4-Chloroaniline	40.000	38.167	4.6	76	0.00
34 C	Hexachlorobutadiene	40.000	39.569	1.1	81	0.00
35	Caprolactam	40.000	32.942	17.6	65	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.697	8.3	75	0.00
37	2-Methylnaphthalene	40.000	36.843	7.9	74	0.00
38 I	Acenaphthene-d10	20.000	20.000	0.0	72	0.00
39	1,2,4,5-Tetrachlorobenzene	40.000	42.141	-5.4	76	0.01
40 P	Hexachlorocyclopentadiene	40.000	8.966	77.6#	2	0.00
41 S	2,4,6-Tribromophenol	80.000	60.474	24.4	54	0.00
42 C	2,4,6-Trichlorophenol	40.000	38.994	2.5	68	0.00
43	2,4,5-Trichlorophenol	40.000	37.229	6.9	65	0.01
44 S	2-Fluorobiphenyl	80.000	85.524	-6.9	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	40.000	41.149	-2.9	74	0.00
46	2-Chloronaphthalene	40.000	40.143	-0.4	72	0.00
47	2-Nitroaniline	40.000	40.086	-0.2	71	0.00
48	Acenaphthylene	40.000	38.658	3.4	69	0.00
49	Dimethylphthalate	40.000	40.016	-0.0	72	0.00
50	2,6-Dinitrotoluene	40.000	35.978	10.1	65	0.00
51 C	Acenaphthene	40.000	38.057	4.9	69	0.00
52	3-Nitroaniline	40.000	38.479	3.8	68	0.00
53 P	2,4-Dinitrophenol	40.000	0.000	100.0#	0	-9.95#
54	Dibenzofuran	40.000	37.297	6.8	66	0.00
55 P	4-Nitrophenol	40.000	31.062	22.3	53	0.01
56	2,4-Dinitrotoluene	40.000	31.153	22.1	54	0.01
57	Fluorene	40.000	36.018	10.0	64	0.00
58	2,3,4,6-Tetrachlorophenol	40.000	31.362	21.6	55	0.01
59	Diethylphthalate	40.000	38.548	3.6	68	0.00
60	4-Chlorophenyl-phenylether	40.000	38.139	4.7	68	0.00
61	4-Nitroaniline	40.000	35.340	11.6	63	0.00
62	Azobenzene	40.000	35.121	12.2	63	0.00
63 I	Phenanthrene-d10	20.000	20.000	0.0	56	0.00
64	4,6-Dinitro-2-methylphenol	40.000	3.078	92.3#	4	0.01
65 c	n-Nitrosodiphenylamine	40.000	45.453	-13.6	63	0.00
66	4-Bromophenyl-phenylether	40.000	44.613	-11.5	62	0.00
67	Hexachlorobenzene	40.000	39.576	1.1	56	0.01
68	Atrazine	40.000	40.167	-0.4	57	0.00
69 C	Pentachlorophenol	40.000	31.120	22.2#	41	0.01
70	Phenanthrene	40.000	38.243	4.4	54	0.00
71	Anthracene	40.000	37.879	5.3	53	0.00
72	Carbazole	40.000	35.968	10.1	50	0.00
73	Di-n-butylphthalate	40.000	41.138	-2.8	57	0.00
74 C	Fluoranthene	40.000	33.111	17.2	47	0.01
75 I	Chrysene-d12	20.000	20.000	0.0	52	0.01
76	Benzidine	40.000	34.609	13.5	44	0.00
77	Pyrene	40.000	36.838	7.9	47	0.00
78 S	Terphenyl-d14	80.000	76.518	4.4	49	0.00
79	Butylbenzylphthalate	40.000	36.985	7.5	46	0.00
80	Benzo(a)anthracene	40.000	37.502	6.2	48	0.01
81	3,3'-Dichlorobenzidine	40.000	39.569	1.1	50	0.00
82	Chrysene	40.000	38.178	4.6	49	0.00
83	Bis(2-ethylhexyl)phthalate	40.000	36.689	8.3	46	0.00
84 c	Di-n-octyl phthalate	40.000	37.808	5.5	47	0.00
85	Indeno(1,2,3-cd)pyrene	40.000	32.118	19.7	42	0.04
86 I	Perylene-d12	20.000	20.000	0.0	48	0.02
87	Benzo(b)fluoranthene	40.000	38.720	3.2	47	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	40.000	40.755	-1.9	47	0.01
89 C	Benzo(a)pyrene	40.000	37.721	5.7	45	0.02
90	Dibenzo(a,h)anthracene	40.000	34.946	12.6	42	0.03
91	Benzo(a,h,i)perylene	40.000	32.988	17.5	40	0.04

(#) = Out of Range

SPCC's out = 0 CCC's out = 1