

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG072316\  
 Data File : BG023246.D  
 Acq On : 23 Jul 2016 11:36  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 25 01:30:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 19 15:46:37 2016  
 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	95	0.00
2	1,4-Dioxane	40.000	41.511	-3.8	103	0.00
3	Pyridine	40.000	39.270	1.8	94	0.00
4	n-Nitrosodimethylamine	40.000	47.728	-19.3	112	0.00
5 S	2-Fluorophenol	80.000	95.355	-19.2	116	0.00
6	Aniline	40.000	27.624	30.9#	65	0.01
7 S	Phenol-d6	80.000	92.627	-15.8	108	0.00
8	2-Chlorophenol	40.000	44.691	-11.7	107	0.00
9	Benzaldehyde	40.000	40.384	-1.0	98	0.00
10 C	Phenol	40.000	45.150	-12.9	106	0.00
11	bis(2-Chloroethyl)ether	40.000	43.291	-8.2	103	0.00
12	1,3-Dichlorobenzene	40.000	42.155	-5.4	103	0.00
13 C	1,4-Dichlorobenzene	40.000	41.961	-4.9	101	0.00
14	1,2-Dichlorobenzene	40.000	41.662	-4.2	103	0.00
15	Benzyl Alcohol	40.000	24.744	38.1#	57	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	50.357	-25.9#	120	0.00
17	2-Methylphenol	40.000	44.246	-10.6	105	0.00
18	Hexachloroethane	40.000	43.570	-8.9	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	44.085	-10.2	102	0.00
20	3+4-Methylphenols	40.000	44.734	-11.8	100	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	38.848	2.9	98	0.00
23 S	Nitrobenzene-d5	80.000	83.641	-4.6	106	0.00
24	Nitrobenzene	40.000	40.569	-1.4	105	0.00
25	Isophorone	40.000	38.093	4.8	93	0.00
26 C	2-Nitrophenol	40.000	38.400	4.0	91	0.00
27	2,4-Dimethylphenol	40.000	38.070	4.8	96	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.764	3.1	96	0.00
29 C	2,4-Dichlorophenol	40.000	37.414	6.5	92	0.00
30	1,2,4-Trichlorobenzene	40.000	35.680	10.8	91	0.00
31	Naphthalene	40.000	39.746	0.6	101	0.00
32	Benzoic acid	40.000	30.333	24.2	72	0.00
33	4-Chloroaniline	40.000	29.500	26.3#	74	0.05
34 C	Hexachlorobutadiene	40.000	32.470	18.8	84	0.00
35	Caprolactam	40.000	36.393	9.0	91	0.01
36 C	4-Chloro-3-methylphenol	40.000	36.409	9.0	90	0.00
37	2-Methylnaphthalene	40.000	38.883	2.8	96	0.00
38 I	Acenaphthene-d10	20.000	20.000	0.0	93	0.01
39	1,2,4,5-Tetrachlorobenzene	40.000	34.058	14.9	80	0.00
40 P	Hexachlorocyclopentadiene	40.000	41.698	-4.2	98	0.00
41 S	2,4,6-Tribromophenol	80.000	60.816	24.0	73	0.01
42 C	2,4,6-Trichlorophenol	40.000	34.822	12.9	81	0.00
43	2,4,5-Trichlorophenol	40.000	34.593	13.5	82	0.01
44 S	2-Fluorobiphenyl	80.000	78.496	1.9	94	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	40.000	39.863	0.3	94	0.01
46	2-Chloronaphthalene	40.000	39.612	1.0	93	0.00
47	2-Nitroaniline	40.000	42.485	-6.2	100	0.01
48	Acenaphthylene	40.000	40.172	-0.4	95	0.00
49	Dimethylphthalate	40.000	37.164	7.1	89	0.00
50	2,6-Dinitrotoluene	40.000	38.408	4.0	91	0.01
51 C	Acenaphthene	40.000	39.187	2.0	93	0.01
52	3-Nitroaniline	40.000	38.449	3.9	90	0.01
53 P	2,4-Dinitrophenol	40.000	36.166	9.6	82	0.01
54	Dibenzofuran	40.000	38.363	4.1	92	0.00
55 P	4-Nitrophenol	40.000	43.711	-9.3	103	0.01
56	2,4-Dinitrotoluene	40.000	37.812	5.5	90	0.00
57	Fluorene	40.000	38.297	4.3	92	0.02
58	2,3,4,6-Tetrachlorophenol	40.000	30.546	23.6	72	0.00
59	Diethylphthalate	40.000	38.422	3.9	92	0.01
60	4-Chlorophenyl-phenylether	40.000	34.565	13.6	81	0.01
61	4-Nitroaniline	40.000	42.123	-5.3	100	0.01
62	Azobenzene	40.000	43.320	-8.3	103	0.01
63 I	Phenanthrene-d10	20.000	20.000	0.0	90	0.02
64	4,6-Dinitro-2-methylphenol	40.000	39.116	2.2	84	0.01
65 c	n-Nitrosodiphenylamine	40.000	40.049	-0.1	90	0.01
66	4-Bromophenyl-phenylether	40.000	34.142	14.6	76	0.02
67	Hexachlorobenzene	40.000	33.378	16.6	75	0.02
68	Atrazine	40.000	31.767	20.6	73	0.03
69 C	Pentachlorophenol	40.000	40.840	-2.1	87	0.02
70	Phenanthrene	40.000	40.237	-0.6	92	0.01
71	Anthracene	40.000	41.425	-3.6	95	0.02
72	Carbazole	40.000	42.585	-6.5	98	0.01
73	Di-n-butylphthalate	40.000	44.860	-12.1	99	0.01
74 C	Fluoranthene	40.000	38.847	2.9	93	0.01
75 I	Chrysene-d12	20.000	20.000	0.0	89	0.02
76	Benzidine	40.000	1.033	97.4#	2	0.11
77	Pyrene	40.000	39.908	0.2	94	0.01
78 S	Terphenyl-d14	80.000	82.462	-3.1	91	0.01
79	Butylbenzylphthalate	40.000	45.445	-13.6	102	0.02
80	Benzo(a)anthracene	40.000	39.220	2.0	89	0.02
81	3,3'-Dichlorobenzidine	40.000	30.346	24.1	66	0.02
82	Chrysene	40.000	39.705	0.7	91	0.02
83	Bis(2-ethylhexyl)phthalate	40.000	44.598	-11.5	101	0.03
84 c	Di-n-octyl phthalate	40.000	46.160	-15.4	103	0.03
85	Indeno(1,2,3-cd)pyrene	40.000	37.235	6.9	85	0.04
86 I	Perylene-d12	20.000	20.000	0.0	87	0.03
87	Benzo(b)fluoranthene	40.000	40.015	-0.0	89	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	40.000	39.348	1.6	84	0.03
89 C	Benzo(a)pyrene	40.000	39.154	2.1	86	0.04
90	Dibenzo(a,h)anthracene	40.000	38.294	4.3	84	0.05
91	Benzo(g,h,i)perylene	40.000	38.946	2.6	85	0.04

(#) = Out of Range

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