

Data Path : Z:\HPCHEM1\BNA F\Data\BF082317\  
 Data File : BF097991.D  
 Acq On : 23 Aug 2017 11:56  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 23 17:47:37 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.01
2	1,4-Dioxane	0.733	0.761	-3.8	102	-0.01
3	Pyridine	2.027	2.097	-3.5	101	-0.01
4	n-Nitrosodimethylamine	0.780	0.765	1.9	92	-0.01
5 S	2-Fluorophenol	1.315	1.322	-0.5	99	0.00
6	Aniline	2.510	2.468	1.7	97	-0.01
7 S	Phenol-d6	1.787	1.801	-0.8	99	0.00
8	2-Chlorophenol	1.387	1.412	-1.8	98	0.00
9	Benzaldehyde	1.132	1.068	5.7	91	-0.01
10 C	Phenol	2.089	2.117	-1.3	95	0.00
11	bis(2-Chloroethyl)ether	1.577	1.561	1.0	97	-0.01
12	1,3-Dichlorobenzene	1.492	1.493	-0.1	98	-0.01
13 C	1,4-Dichlorobenzene	1.517	1.502	1.0	97	-0.01
14	1,2-Dichlorobenzene	1.399	1.388	0.8	97	0.00
15	Benzyl Alcohol	1.338	1.310	2.1	94	0.00
16	2,2'-oxybis(1-Chloropropane	2.122	2.001	5.7	92	-0.01
17	2-Methylphenol	1.222	1.220	0.2	97	-0.01
18	Hexachloroethane	0.595	0.609	-2.4	98	-0.01
19 P	n-Nitroso-di-n-propylamine	1.223	1.121	8.3	89	-0.01
20	3+4-Methylphenols	1.493	1.427	4.4	93	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22	Acetophenone	0.528	0.495	6.3	93	0.00
23 S	Nitrobenzene-d5	0.368	0.408	-10.9	104	-0.01
24	Nitrobenzene	0.410	0.444	-8.3	98	-0.01
25	Isophorone	0.766	0.743	3.0	94	-0.01
26 C	2-Nitrophenol	0.137	0.176	-28.5#	119	-0.01
27	2,4-Dimethylphenol	0.319	0.319	0.0	98	0.00
28	bis(2-Chloroethoxy)methane	0.503	0.492	2.2	94	0.00
29 C	2,4-Dichlorophenol	0.265	0.271	-2.3	97	0.00
30	1,2,4-Trichlorobenzene	0.294	0.290	1.4	96	0.00
31	Naphthalene	1.038	1.020	1.7	96	0.00
32	Benzoic acid	0.212	0.243	-14.6	112	-0.02
33	4-Chloroaniline	0.438	0.434	0.9	97	0.00
34 C	Hexachlorobutadiene	0.172	0.168	2.3	96	-0.01
35	Caprolactam	0.090	0.093	-3.3	97	-0.02
36 C	4-Chloro-3-methylphenol	0.341	0.340	0.3	95	0.00
37	2-Methylnaphthalene	0.637	0.619	2.8	95	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
39	1,2,4,5-Tetrachlorobenzene	0.614	0.616	-0.3	96	0.00
40 P	Hexachlorocyclopentadiene	0.295	0.300	-1.7	91	0.00
41 S	2,4,6-Tribromophenol	0.174	0.181	-4.0	95	-0.01
42 C	2,4,6-Trichlorophenol	0.412	0.431	-4.6	97	0.00
43	2,4,5-Trichlorophenol	0.409	0.431	-5.4	97	0.00
44 S	2-Fluorobiphenyl	1.361	1.290	5.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	1.824	1.772	2.9	93	0.00
46	2-Chloronaphthalene	1.348	1.321	2.0	95	0.00
47	2-Nitroaniline	0.452	0.537	-18.8	107	-0.01
48	Acenaphthylene	2.116	2.079	1.7	93	-0.01
49	Dimethylphthalate	1.462	1.436	1.8	93	0.00
50	2,6-Dinitrotoluene	0.292	0.316	-8.2	99	0.00
51 C	Acenaphthene	1.335	1.273	4.6	91	-0.01
52	3-Nitroaniline	0.376	0.421	-12.0	104	-0.01
53 P	2,4-Dinitrophenol	0.106	0.153	-44.3#	133	0.00
54	Dibenzofuran	1.789	1.718	4.0	92	0.00
55 P	4-Nitrophenol	0.300	0.318	-6.0	96	0.00
56	2,4-Dinitrotoluene	0.366	0.411	-12.3	101	0.00
57	Fluorene	1.383	1.334	3.5	94	0.00
58	2,3,4,6-Tetrachlorophenol	0.317	0.325	-2.5	95	-0.01
59	Diethylphthalate	1.529	1.458	4.6	90	0.00
60	4-Chlorophenyl-phenylether	0.642	0.624	2.8	94	-0.01
61	4-Nitroaniline	0.358	0.417	-16.5	107	-0.01
62	Azobenzene	1.816	1.705	6.1	89	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
64	4,6-Dinitro-2-methylphenol	0.083	0.116	-39.8#	129	0.00
65 c	n-Nitrosodiphenylamine	0.681	0.667	2.1	94	0.00
66	4-Bromophenyl-phenylether	0.208	0.204	1.9	93	-0.01
67	Hexachlorobenzene	0.212	0.209	1.4	94	-0.01
68	Atrazine	0.181	0.170	6.1	90	0.00
69 C	Pentachlorophenol	0.123	0.124	-0.8	90	0.00
70	Phenanthrene	1.066	1.023	4.0	93	0.00
71	Anthracene	1.081	1.062	1.8	95	-0.01
72	Carbazole	1.026	1.015	1.1	96	0.00
73	Di-n-butylphthalate	1.182	1.188	-0.5	94	0.00
74 C	Fluoranthene	1.112	1.115	-0.3	97	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
76	Benzidine	0.656	0.513	21.8	85	-0.01
77	Pyrene	1.636	1.563	4.5	98	0.00
78 S	Terphenyl-d14	0.959	0.884	7.8	96	0.00
79	Butylbenzylphthalate	0.627	0.663	-5.7	105	-0.01
80	Benzo(a)anthracene	1.199	1.107	7.7	96	0.00
81	3,3'-Dichlorobenzidine	0.404	0.412	-2.0	99	0.00
82	Chrysene	1.192	1.140	4.4	99	-0.01
83	Bis(2-ethylhexyl)phthalate	0.695	0.734	-5.6	100	0.00
84 c	Di-n-octyl phthalate	1.209	1.288	-6.5	103	-0.01
85	Indeno(1,2,3-cd)pyrene	0.877	0.803	8.4	96	0.00
86 I	Perylene-d12	1.000	1.000	0.0	94	0.00
87	Benzo(b)fluoranthene	1.261	1.303	-3.3	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.184	1.214	-2.5	94	0.00
89 C	Benzo(a)pyrene	1.116	1.157	-3.7	95	-0.01
90	Dibenzo(a,h)anthracene	0.909	0.961	-5.7	97	-0.01
91	Benzo(a,h,i)perylene	0.948	1.009	-6.4	98	-0.01

(#) = Out of Range

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