

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\  
 Data File : BF100725.D  
 Acq On : 20 Nov 2017 12:50  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 20 14:27:41 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 15:22:08 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	45#	0.00
2	1,4-Dioxane	0.608	0.574	5.6	42#	-0.02
3	Pyridine	1.659	1.540	7.2	40#	-0.03
4	n-Nitrosodimethylamine	0.805	0.693	13.9	37#	-0.02
5 S	2-Fluorophenol	1.248	1.256	-0.6	46#	-0.01
6	Aniline	2.174	2.022	7.0	41#	-0.01
7 S	Phenol-d6	1.539	1.502	2.4	44#	-0.01
8	2-Chlorophenol	1.320	1.352	-2.4	46#	-0.01
9	Benzaldehyde	1.099	0.939	14.6	39#	0.00
10 C	Phenol	1.615	1.547	4.2	43#	-0.01
11	bis(2-Chloroethyl)ether	1.357	1.285	5.3	43#	-0.01
12	1,3-Dichlorobenzene	1.522	1.566	-2.9	46#	0.00
13 C	1,4-Dichlorobenzene	1.540	1.591	-3.3	47#	0.00
14	1,2-Dichlorobenzene	1.424	1.486	-4.4	47#	-0.01
15	Benzyl Alcohol	1.201	1.188	1.1	43#	-0.01
16	2,2'-oxybis(1-Chloropropane	2.170	1.927	11.2	40#	0.00
17	2-Methylphenol	1.128	1.120	0.7	45#	0.00
18	Hexachloroethane	0.508	0.524	-3.1	45#	-0.01
19 P	n-Nitroso-di-n-propylamine	1.067	0.983	7.9	42#	-0.01
20	3+4-Methylphenols	1.427	1.415	0.8	44#	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	44#	-0.01
22	Acetophenone	0.488	0.477	2.3	44#	0.00
23 S	Nitrobenzene-d5	0.303	0.339	-11.9	47#	-0.01
24	Nitrobenzene	0.311	0.343	-10.3	45#	-0.01
25	Isophorone	0.636	0.589	7.4	41#	-0.01
26 C	2-Nitrophenol	0.132	0.182	-37.9#	56	-0.01
27	2,4-Dimethylphenol	0.285	0.285	0.0	43#	0.00
28	bis(2-Chloroethoxy)methane	0.416	0.400	3.8	42#	0.00
29 C	2,4-Dichlorophenol	0.272	0.290	-6.6	45#	-0.01
30	1,2,4-Trichlorobenzene	0.294	0.317	-7.8	47#	0.00
31	Naphthalene	0.963	0.987	-2.5	45#	0.00
32	Benzoic acid	0.186	0.237	-27.4#	53	0.00
33	4-Chloroaniline	0.401	0.410	-2.2	44#	-0.01
34 C	Hexachlorobutadiene	0.175	0.186	-6.3	47#	-0.01
35	Caprolactam	0.093	0.090	3.2	42#	0.00
36 C	4-Chloro-3-methylphenol	0.292	0.295	-1.0	43#	-0.01
37	2-Methylnaphthalene	0.640	0.661	-3.3	46#	-0.01
38 I	Acenaphthene-d10	1.000	1.000	0.0	42#	-0.01
39	1,2,4,5-Tetrachlorobenzene	0.663	0.749	-13.0	48#	-0.01
40 P	Hexachlorocyclopentadiene	0.312	0.344	-10.3	44#	-0.01
41 S	2,4,6-Tribromophenol	0.204	0.237	-16.2	47#	-0.01
42 C	2,4,6-Trichlorophenol	0.420	0.467	-11.2	45#	0.00
43	2,4,5-Trichlorophenol	0.436	0.503	-15.4	47#	-0.01
44 S	2-Fluorobiphenyl	1.313	1.458	-11.0	48#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	1.730	1.869	-8.0	47#	-0.01
46	2-Chloronaphthalene	1.255	1.360	-8.4	46#	-0.01
47	2-Nitroaniline	0.350	0.403	-15.1	46#	-0.01
48	Acenaphthylene	2.080	2.192	-5.4	45#	-0.01
49	Dimethylphthalate	1.527	1.602	-4.9	45#	0.00
50	2,6-Dinitrotoluene	0.302	0.347	-14.9	46#	-0.01
51 C	Acenaphthene	1.265	1.370	-8.3	47#	-0.01
52	3-Nitroaniline	0.357	0.405	-13.4	46#	-0.01
53 P	2,4-Dinitrophenol	0.091	0.170	-86.8#	79	0.00
54	Dibenzofuran	1.773	1.873	-5.6	45#	-0.01
55 P	4-Nitrophenol	0.290	0.301	-3.8	42#	0.00
56	2,4-Dinitrotoluene	0.381	0.457	-19.9	47#	-0.01
57	Fluorene	1.299	1.457	-12.2	47#	0.00
58	2,3,4,6-Tetrachlorophenol	0.357	0.389	-9.0	44#	0.00
59	Diethylphthalate	1.528	1.587	-3.9	45#	-0.01
60	4-Chlorophenyl-phenylether	0.637	0.717	-12.6	48#	0.00
61	4-Nitroaniline	0.338	0.396	-17.2	47#	0.00
62	Azobenzene	1.439	1.361	5.4	41#	-0.01
63 I	Phenanthrene-d10	1.000	1.000	0.0	44#	0.00
64	4,6-Dinitro-2-methylphenol	0.087	0.135	-55.2#	64	0.00
65 c	n-Nitrosodiphenylamine	0.695	0.714	-2.7	45#	-0.01
66	4-Bromophenyl-phenylether	0.214	0.227	-6.1	46#	-0.01
67	Hexachlorobenzene	0.224	0.239	-6.7	47#	0.00
68	Atrazine	0.211	0.217	-2.8	44#	-0.01
69 C	Pentachlorophenol	0.161	0.167	-3.7	44#	-0.01
70	Phenanthrene	1.053	1.102	-4.7	48#	-0.01
71	Anthracene	1.068	1.104	-3.4	47#	-0.01
72	Carbazole	0.986	1.004	-1.8	46#	-0.01
73	Di-n-butylphthalate	1.154	1.245	-7.9	48#	-0.01
74 C	Fluoranthene	1.116	1.155	-3.5	47#	-0.01
75 I	Chrysene-d12	1.000	1.000	0.0	46#	0.00
76	Benzidine	0.801	0.748	6.6	40#	-0.01
77	Pyrene	1.426	1.457	-2.2	47#	-0.01
78 S	Terphenyl-d14	0.870	0.898	-3.2	50#	0.00
79	Butylbenzylphthalate	0.581	0.631	-8.6	48#	0.00
80	Benzo(a)anthracene	1.204	1.264	-5.0	48#	0.00
81	3,3'-Dichlorobenzidine	0.432	0.461	-6.7	46#	-0.01
82	Chrysene	1.166	1.185	-1.6	47#	-0.01
83	Bis(2-ethylhexyl)phthalate	0.765	0.875	-14.4	50#	-0.01
84 c	Di-n-octyl phthalate	1.314	1.443	-9.8	48#	-0.01
85	Indeno(1,2,3-cd)pyrene	0.943	0.885	6.2	44#	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	43#	-0.01
87	Benzo(b)fluoranthene	1.185	1.287	-8.6	47#	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.120	1.186	-5.9	43#	0.00
89 C	Benzo(a)pyrene	1.050	1.115	-6.2	45#	-0.01
90	Dibenzo(a,h)anthracene	0.859	0.877	-2.1	45#	-0.02
91	Benzo(a,h,i)perylene	0.841	0.833	1.0	44#	-0.02

(#) = Out of Range

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