

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF120117\  
 Data File : BF101083.D  
 Acq On : 2 Dec 2017 1:13  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 04 01:25:39 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 15:52:19 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	92	0.00
2	1,4-Dioxane	0.500	0.496	0.8	88	-0.01
3	Pyridine	1.297	1.346	-3.8	85	-0.01
4	n-Nitrosodimethylamine	0.634	0.680	-7.3	94	-0.01
5 S	2-Fluorophenol	1.210	1.240	-2.5	91	0.00
6	Aniline	1.911	1.931	-1.0	90	0.00
7 S	Phenol-d6	1.469	1.512	-2.9	92	0.00
8	2-Chlorophenol	1.320	1.339	-1.4	91	0.00
9	Benzaldehyde	0.899	0.888	1.2	93	0.00
10 C	Phenol	1.634	1.645	-0.7	91	0.00
11	bis(2-Chloroethyl)ether	1.226	1.243	-1.4	91	0.00
12	1,3-Dichlorobenzene	1.537	1.572	-2.3	91	0.00
13 C	1,4-Dichlorobenzene	1.591	1.591	0.0	90	0.00
14	1,2-Dichlorobenzene	1.484	1.489	-0.3	92	0.00
15	Benzyl Alcohol	1.135	1.143	-0.7	88	0.00
16	2,2'-oxybis(1-Chloropropane	1.666	1.682	-1.0	89	0.00
17	2-Methylphenol	1.066	1.064	0.2	90	0.00
18	Hexachloroethane	0.511	0.432	15.5	76	0.00
19 P	n-Nitroso-di-n-propylamine	0.990	0.966	2.4	89	0.00
20	3+4-Methylphenols	1.390	1.367	1.7	88	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	88	0.00
22	Acetophenone	0.483	0.491	-1.7	88	0.00
23 S	Nitrobenzene-d5	0.335	0.345	-3.0	88	0.00
24	Nitrobenzene	0.329	0.339	-3.0	90	0.00
25	Isophorone	0.573	0.577	-0.7	88	0.00
26 C	2-Nitrophenol	0.180	0.159	11.7	76	0.00
27	2,4-Dimethylphenol	0.261	0.271	-3.8	90	0.00
28	bis(2-Chloroethoxy)methane	0.385	0.387	-0.5	87	0.00
29 C	2,4-Dichlorophenol	0.284	0.288	-1.4	86	0.00
30	1,2,4-Trichlorobenzene	0.312	0.320	-2.6	89	0.00
31	Naphthalene	0.986	0.987	-0.1	87	0.00
32	Benzoic acid	0.203	0.070	65.5#	31#	-0.06
33	4-Chloroaniline	0.396	0.398	-0.5	85	0.00
34 C	Hexachlorobutadiene	0.192	0.195	-1.6	89	0.00
35	Caprolactam	0.089	0.074	16.9	70	0.00
36 C	4-Chloro-3-methylphenol	0.294	0.284	3.4	84	0.00
37	2-Methylnaphthalene	0.670	0.651	2.8	84	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	76	0.00
39	1,2,4,5-Tetrachlorobenzene	0.727	0.811	-11.6	85	0.00
40 P	Hexachlorocyclopentadiene	0.215	0.023#	89.3#	8#	0.00
41 S	2,4,6-Tribromophenol	0.240	0.191	20.4	60	0.00
42 C	2,4,6-Trichlorophenol	0.426	0.440	-3.3	77	0.00
43	2,4,5-Trichlorophenol	0.455	0.465	-2.2	76	0.00
44 S	2-Fluorobiphenyl	1.462	1.618	-10.7	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	1.832	1.973	-7.7	82	0.00
46	2-Chloronaphthalene	1.301	1.394	-7.1	81	0.00
47	2-Nitroaniline	0.385	0.406	-5.5	79	0.00
48	Acenaphthylene	2.139	2.174	-1.6	77	0.00
49	Dimethylphthalate	1.613	1.723	-6.8	81	0.00
50	2,6-Dinitrotoluene	0.340	0.338	0.6	76	0.00
51 C	Acenaphthene	1.281	1.277	0.3	77	0.00
52	3-Nitroaniline	0.382	0.386	-1.0	76	0.00
53 P	2,4-Dinitrophenol	0.155	0.002#	98.7#	1#	0.01
54	Dibenzofuran	1.845	1.867	-1.2	77	0.00
55 P	4-Nitrophenol	0.258	0.198	23.3	56	0.00
56	2,4-Dinitrotoluene	0.455	0.419	7.9	68	0.00
57	Fluorene	1.500	1.420	5.3	72	0.00
58	2,3,4,6-Tetrachlorophenol	0.365	0.288	21.1	59	0.00
59	Diethylphthalate	1.591	1.646	-3.5	77	0.00
60	4-Chlorophenyl-phenylether	0.741	0.754	-1.8	77	0.00
61	4-Nitroaniline	0.397	0.355	10.6	68	0.00
62	Azobenzene	1.350	1.276	5.5	71	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	58	0.00
64	4,6-Dinitro-2-methylphenol	0.134	0.013	90.3#	5#	0.00
65 c	n-Nitrosodiphenylamine	0.706	0.880	-24.6#	72	0.00
66	4-Bromophenyl-phenylether	0.224	0.272	-21.4	70	0.00
67	Hexachlorobenzene	0.240	0.266	-10.8	64	0.00
68	Atrazine	0.216	0.242	-12.0	65	0.00
69 C	Pentachlorophenol	0.132	0.098	25.8#	41#	0.00
70	Phenanthrene	1.101	1.137	-3.3	60	0.00
71	Anthracene	1.115	1.143	-2.5	59	0.00
72	Carbazole	1.018	0.991	2.7	56	0.00
73	Di-n-butylphthalate	1.277	1.419	-11.1	63	0.00
74 C	Fluoranthene	1.221	1.038	15.0	50#	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	54	0.00
76	Benzidine	0.650	0.702	-8.0	58	0.00
77	Pyrene	1.380	1.295	6.2	50#	0.00
78 S	Terphenyl-d14	0.914	0.872	4.6	51	0.00
79	Butylbenzylphthalate	0.608	0.569	6.4	49#	0.00
80	Benzo(a)anthracene	1.263	1.285	-1.7	54	0.00
81	3,3'-Dichlorobenzidine	0.437	0.485	-11.0	58	0.00
82	Chrysene	1.173	1.203	-2.6	55	0.00
83	Bis(2-ethylhexyl)phthalate	0.868	0.804	7.4	48#	0.00
84 c	Di-n-octyl phthalate	1.444	1.450	-0.4	52	0.00
85	Indeno(1,2,3-cd)pyrene	1.043	0.980	6.0	51	0.00
86 I	Perylene-d12	1.000	1.000	0.0	55	0.00
87	Benzo(b)fluoranthene	1.198	1.289	-7.6	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(k)fluoranthene	1.180	1.232	-4.4	56	0.00
89 C	Benzo(a)pyrene	1.089	1.126	-3.4	57	0.00
90	Dibenzo(a,h)anthracene	0.960	0.883	8.0	51	0.00
91	Benzo(a,h,i)perylene	0.905	0.768	15.1	48#	0.00

(#) = Out of Range

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