

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF080118\
 Data File : BF107883.D
 Acq On : 1 Aug 2018 12:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 16:42:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
2	1,4-Dioxane	0.515	0.531	-3.1	92	0.00
3	Pyridine	1.258	1.063	15.5	77	0.00
4	n-Nitrosodimethylamine	0.599	0.493	17.7	81	0.00
5 S	2-Fluorophenol	1.177	1.185	-0.7	88	0.00
6	Aniline	1.613	1.640	-1.7	90	0.00
7 S	Phenol-d6	1.551	1.459	5.9	92	0.00
8	2-Chlorophenol	1.478	1.392	5.8	90	0.00
9	Benzaldehyde	0.936	0.945	-1.0	96	0.00
10 C	Phenol	1.850	1.844	0.3	109	0.00
11	bis(2-Chloroethyl)ether	1.645	1.517	7.8	89	0.00
12	1,3-Dichlorobenzene	1.550	1.471	5.1	89	0.00
13 C	1,4-Dichlorobenzene	1.726	1.713	0.8	91	0.00
14	1,2-Dichlorobenzene	1.602	1.582	1.2	96	0.00
15	Benzyl Alcohol	0.964	0.922	4.4	86	0.00
16	2,2'-oxybis(1-Chloropropane	2.365	2.220	6.1	90	0.00
17	2-Methylphenol	1.091	1.089	0.2	91	0.00
18	Hexachloroethane	0.620	0.562	9.4	88	0.00
19 P	n-Nitroso-di-n-propylamine	0.984	0.954	3.0	89	0.00
20	3+4-Methylphenols	1.340	1.226	8.5	79	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	95	0.00
22	Acetophenone	0.481	0.434	9.8	89	0.00
23 S	Nitrobenzene-d5	0.347	0.328	5.5	93	0.00
24	Nitrobenzene	0.364	0.338	7.1	90	0.00
25	Isophorone	0.570	0.520	8.8	86	0.00
26 C	2-Nitrophenol	0.183	0.173	5.5	86	0.00
27	2,4-Dimethylphenol	0.245	0.235	4.1	93	0.00
28	bis(2-Chloroethoxy)methane	0.376	0.374	0.5	91	0.00
29 C	2,4-Dichlorophenol	0.277	0.268	3.2	89	0.00
30	1,2,4-Trichlorobenzene	0.316	0.300	5.1	89	0.00
31	Naphthalene	0.930	0.879	5.5	86	0.00
32	Benzoic acid	0.157	0.055	65.0#	30#	-0.02
33	4-Chloroaniline	0.397	0.389	2.0	92	0.00
34 C	Hexachlorobutadiene	0.195	0.173	11.3	85	0.00
35	Caprolactam	0.083	0.074	10.8	84	-0.01
36 C	4-Chloro-3-methylphenol	0.300	0.288	4.0	87	0.00
37	2-Methylnaphthalene	0.584	0.567	2.9	88	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
39	1,2,4,5-Tetrachlorobenzene	0.682	0.674	1.2	87	0.00
40 P	Hexachlorocyclopentadiene	0.243	0.225	7.4	79	0.00
41 S	2,4,6-Tribromophenol	0.272	0.251	7.7	82	0.00
42 C	2,4,6-Trichlorophenol	0.377	0.389	-3.2	87	0.00
43	2,4,5-Trichlorophenol	0.454	0.429	5.5	80	0.00
44 S	2-Fluorobiphenyl	1.435	1.356	5.5	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF080118\
 Data File : BF107883.D
 Acq On : 1 Aug 2018 12:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 01 16:42:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
45	1,1'-Biphenyl	1.820	1.774	2.5	87	0.00
46	2-Chloronaphthalene	1.373	1.344	2.1	88	0.00
47	2-Nitroaniline	0.446	0.442	0.9	87	0.00
48	Acenaphthylene	2.128	1.981	6.9	87	0.00
49	Dimethylphthalate	1.502	1.425	5.1	85	0.00
50	2,6-Dinitrotoluene	0.326	0.324	0.6	90	0.00
51 C	Acenaphthene	1.236	1.142	7.6	89	0.00
52	3-Nitroaniline	0.411	0.404	1.7	88	0.00
53 P	2,4-Dinitrophenol	0.140	0.115	17.9	69	0.00
54	Dibenzofuran	1.911	1.803	5.7	86	0.00
55 P	4-Nitrophenol	0.150	0.136	9.3	72	0.00
56	2,4-Dinitrotoluene	0.429	0.404	5.8	83	0.00
57	Fluorene	1.485	1.357	8.6	85	0.00
58	2,3,4,6-Tetrachlorophenol	0.417	0.385	7.7	78	0.00
59	Diethylphthalate	1.615	1.458	9.7	84	0.00
60	4-Chlorophenyl-phenylether	0.809	0.748	7.5	86	0.00
61	4-Nitroaniline	0.365	0.361	1.1	90	0.00
62	Azobenzene	1.504	1.390	7.6	86	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	90	0.00
64	4,6-Dinitro-2-methylphenol	0.109	0.091	16.5	72	0.00
65 c	n-Nitrosodiphenylamine	0.659	0.621	5.8	86	0.00
66	4-Bromophenyl-phenylether	0.233	0.225	3.4	90	0.00
67	Hexachlorobenzene	0.258	0.238	7.8	84	0.00
68	Atrazine	0.195	0.182	6.7	83	0.00
69 C	Pentachlorophenol	0.127	0.104	18.1	69	0.00
70	Phenanthrene	0.950	0.888	6.5	84	0.00
71	Anthracene	1.095	1.017	7.1	85	0.00
72	Carbazole	1.082	1.036	4.3	86	0.00
73	Di-n-butylphthalate	1.181	1.059	10.3	82	0.00
74 C	Fluoranthene	1.116	1.011	9.4	83	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	80	0.00
76	Benzidine	0.647	0.579	10.5	69	0.00
77	Pyrene	1.440	1.455	-1.0	83	0.00
78 S	Terphenyl-d14	0.922	0.943	-2.3	86	0.00
79	Butylbenzylphthalate	0.631	0.616	2.4	78	0.00
80	Benzo(a)anthracene	1.133	1.069	5.6	76	0.00
81	3,3'-Dichlorobenzidine	0.439	0.402	8.4	74	0.00
82	Chrysene	1.222	1.146	6.2	77	0.00
83	Bis(2-ethylhexyl)phthalate	0.793	0.706	11.0	72	0.00
84 c	Di-n-octyl phthalate	1.273	1.117	12.3	70	0.00
85	Indeno(1,2,3-cd)pyrene	0.929	0.923	0.6	86	0.01
86 I	Perylene-d12	1.000	1.000	0.0	77	0.00
87	Benzo(b)fluoranthene	0.986	0.885	10.2	70	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF080118\
Data File : BF107883.D
Acq On : 1 Aug 2018 12:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 01 16:42:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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)
88	Benzo(k)fluoranthene	1.211	1.180	2.6	74	0.00
89 C	Benzo(a)pyrene	1.018	0.940	7.7	74	0.00
90	Dibenzo(a,h)anthracene	0.888	0.945	-6.4	86	0.00
91	Benzo(a,h,i)perylene	0.859	0.925	-7.7	87	0.00

(#) = Out of Range

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