

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102318\
 Data File : BF110080.D
 Acq On : 23 Oct 2018 16:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 24 09:06:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 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)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	-0.01
2	1,4-Dioxane	0.643	0.626	2.6	123	-0.04
3	Pyridine	1.433	1.514	-5.7	127	-0.03
4	n-Nitrosodimethylamine	0.600	0.631	-5.2	129	-0.02
5 S	2-Fluorophenol	1.228	1.201	2.2	122	-0.02
6	Aniline	2.046	2.138	-4.5	130	-0.01
7 S	Phenol-d6	1.571	1.569	0.1	126	-0.01
8	2-Chlorophenol	1.416	1.425	-0.6	125	-0.02
9	Benzaldehyde	0.954	0.805	15.6	107	-0.01
10 C	Phenol	1.679	1.854	-10.4	138	-0.01
11	bis(2-Chloroethyl)ether	1.381	1.397	-1.2	128	-0.01
12	1,3-Dichlorobenzene	1.558	1.506	3.3	122	-0.01
13 C	1,4-Dichlorobenzene	1.576	1.530	2.9	123	-0.01
14	1,2-Dichlorobenzene	1.463	1.420	2.9	122	-0.02
15	Benzyl Alcohol	1.208	1.269	-5.0	129	-0.01
16	2,2'-oxybis(1-Chloropropane	2.209	2.258	-2.2	128	-0.01
17	2-Methylphenol	1.128	1.158	-2.7	128	-0.01
18	Hexachloroethane	0.577	0.580	-0.5	127	-0.02
19 P	n-Nitroso-di-n-propylamine	1.008	1.027	-1.9	129	0.00
20	3+4-Methylphenols	1.459	1.445	1.0	124	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	130	-0.02
22	Acetophenone	0.461	0.442	4.1	127	-0.01
23 S	Nitrobenzene-d5	0.337	0.335	0.6	128	-0.01
24	Nitrobenzene	0.348	0.349	-0.3	129	-0.01
25	Isophorone	0.575	0.583	-1.4	132	-0.01
26 C	2-Nitrophenol	0.166	0.178	-7.2	133	-0.01
27	2,4-Dimethylphenol	0.275	0.271	1.5	128	-0.01
28	bis(2-Chloroethoxy)methane	0.390	0.383	1.8	129	-0.01
29 C	2,4-Dichlorophenol	0.277	0.277	0.0	128	-0.01
30	1,2,4-Trichlorobenzene	0.311	0.303	2.6	127	-0.01
31	Naphthalene	0.922	0.880	4.6	126	-0.02
32	Benzoic acid	0.212	0.230	-8.5	137	0.02
33	4-Chloroaniline	0.415	0.406	2.2	129	-0.01
34 C	Hexachlorobutadiene	0.173	0.167	3.5	129	-0.01
35	Caprolactam	0.097	0.101	-4.1	131	0.00
36 C	4-Chloro-3-methylphenol	0.300	0.300	0.0	129	0.00
37	2-Methylnaphthalene	0.610	0.584	4.3	126	-0.01
38	1-Methylnaphthalene	0.589	0.563	4.4	126	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	133	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.623	0.585	6.1	125	-0.01
41 P	Hexachlorocyclopentadiene	0.319	0.323	-1.3	127	-0.01
42 S	2,4,6-Tribromophenol	0.198	0.192	3.0	128	0.00
43 C	2,4,6-Trichlorophenol	0.402	0.394	2.0	128	-0.01
44	2,4,5-Trichlorophenol	0.425	0.420	1.2	130	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102318\
 Data File : BF110080.D
 Acq On : 23 Oct 2018 16:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 24 09:06:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 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)
45 S	2-Fluorobiphenyl	1.274	1.199	5.9	125	-0.01
46	1,1'-Biphenyl	1.809	1.670	7.7	125	-0.01
47	2-Chloronaphthalene	1.327	1.249	5.9	126	-0.01
48	2-Nitroaniline	0.402	0.409	-1.7	132	0.00
49	Acenaphthylene	1.916	1.804	5.8	126	-0.01
50	Dimethylphthalate	1.476	1.422	3.7	130	0.00
51	2,6-Dinitrotoluene	0.318	0.326	-2.5	131	0.00
52 C	Acenaphthene	1.268	1.217	4.0	129	-0.01
53	3-Nitroaniline	0.378	0.382	-1.1	130	0.00
54 P	2,4-Dinitrophenol	0.112	0.144	-28.6#	170#	0.00
55	Dibenzofuran	1.775	1.649	7.1	124	-0.01
56 P	4-Nitrophenol	0.280	0.299	-6.8	132	0.00
57	2,4-Dinitrotoluene	0.404	0.432	-6.9	135	0.00
58	Fluorene	1.321	1.231	6.8	126	-0.01
59	2,3,4,6-Tetrachlorophenol	0.346	0.345	0.3	130	-0.01
60	Diethylphthalate	1.441	1.379	4.3	128	-0.01
61	4-Chlorophenyl-phenylether	0.697	0.646	7.3	126	-0.01
62	4-Nitroaniline	0.376	0.384	-2.1	133	0.00
63	Azobenzene	1.431	1.367	4.5	129	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	132	-0.01
65	4,6-Dinitro-2-methylphenol	0.091	0.101	-11.0	141	-0.01
66 c	n-Nitrosodiphenylamine	0.656	0.626	4.6	128	-0.01
67	4-Bromophenyl-phenylether	0.217	0.209	3.7	128	-0.01
68	Hexachlorobenzene	0.230	0.224	2.6	130	-0.02
69	Atrazine	0.207	0.199	3.9	126	0.00
70 C	Pentachlorophenol	0.134	0.146	-9.0	130	-0.01
71	Phenanthrene	1.046	0.967	7.6	125	-0.01
72	Anthracene	1.049	0.978	6.8	125	-0.01
73	Carbazole	1.024	0.971	5.2	128	0.00
74	Di-n-butylphthalate	1.157	1.096	5.3	126	-0.01
75 C	Fluoranthene	1.062	0.998	6.0	127	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	130	0.00
77	Benzidine	0.681	0.580	14.8	124	-0.01
78	Pyrene	1.434	1.391	3.0	127	-0.01
79 S	Terphenyl-d14	0.962	0.889	7.6	124	-0.01
80	Butylbenzylphthalate	0.622	0.633	-1.8	130	-0.01
81	Benzo(a)anthracene	1.186	1.160	2.2	127	0.00
82	3,3'-Dichlorobenzidine	0.413	0.382	7.5	118	0.00
83	Chrysene	1.127	1.070	5.1	124	-0.01
84	Bis(2-ethylhexyl)phthalate	0.841	0.831	1.2	126	-0.02
85 c	Di-n-octyl phthalate	1.308	1.312	-0.3	129	-0.01
86	Indeno(1,2,3-cd)pyrene	0.935	0.905	3.2	139	-0.02
87 I	Perylene-d12	1.000	1.000	0.0	136	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102318\
Data File : BF110080.D
Acq On : 23 Oct 2018 16:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 24 09:06:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 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(b)fluoranthene	1.155	1.189	-2.9	137	-0.01
89	Benzo(k)fluoranthene	1.135	1.022	10.0	121	-0.01
90 C	Benzo(a)pyrene	1.063	1.044	1.8	133	-0.02
91	Dibenzo(a,h)anthracene	0.917	0.905	1.3	137	-0.02
92	Benzo(g,h,i)perylene	0.904	0.899	0.6	139	-0.02

(#) = Out of Range

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