

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022519\
 Data File : BM018910.D
 Acq On : 25 Feb 2019 11:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 25 13:14:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 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	115	-0.02
2	1,4-Dioxane	0.532	0.474	10.9	102	0.00
3	Pyridine	1.450	1.508	-4.0	109	0.00
4	n-Nitrosodimethylamine	0.369	0.422	-14.4	125	-0.01
5 S	2-Fluorophenol	1.221	1.217	0.3	112	-0.02
6	Aniline	2.107	2.323	-10.3	123	-0.02
7 S	Phenol-d6	1.720	1.900	-10.5	123	-0.01
8	2-Chlorophenol	1.340	1.441	-7.5	121	-0.02
9	Benzaldehyde	0.941	1.053	-11.9	129	-0.02
10 C	Phenol	1.809	1.974	-9.1	123	-0.02
11	bis(2-Chloroethyl)ether	1.380	1.507	-9.2	122	-0.02
12	1,3-Dichlorobenzene	1.507	1.560	-3.5	118	-0.02
13 C	1,4-Dichlorobenzene	1.534	1.587	-3.5	118	-0.02
14	1,2-Dichlorobenzene	1.474	1.558	-5.7	120	-0.02
15	Benzyl Alcohol	1.366	1.569	-14.9	125	-0.02
16	2,2'-oxybis(1-Chloropropane	1.336	1.491	-11.6	129	-0.02
17	2-Methylphenol	1.152	1.284	-11.5	124	-0.02
18	Hexachloroethane	0.560	0.584	-4.3	118	-0.02
19 P	n-Nitroso-di-n-propylamine	1.331	1.539	-15.6	127	-0.02
20	3+4-Methylphenols	1.590	1.819	-14.4	126	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	121	-0.02
22	Acetophenone	0.549	0.579	-5.5	127	-0.02
23 S	Nitrobenzene-d5	0.433	0.463	-6.9	127	-0.02
24	Nitrobenzene	0.449	0.472	-5.1	126	-0.02
25	Isophorone	0.690	0.748	-8.4	128	-0.02
26 C	2-Nitrophenol	0.179	0.197	-10.1	128	-0.02
27	2,4-Dimethylphenol	0.261	0.279	-6.9	128	-0.02
28	bis(2-Chloroethoxy)methane	0.446	0.471	-5.6	126	-0.02
29 C	2,4-Dichlorophenol	0.300	0.328	-9.3	128	-0.02
30	1,2,4-Trichlorobenzene	0.346	0.360	-4.0	127	-0.02
31	Naphthalene	0.975	1.011	-3.7	127	-0.02
32	Benzoic acid	0.228	0.241	-5.7	127	0.00
33	4-Chloroaniline	0.436	0.475	-8.9	129	-0.02
34 C	Hexachlorobutadiene	0.201	0.200	0.5	122	-0.02
35	Caprolactam	0.122	0.138	-13.1	132	0.00
36 C	4-Chloro-3-methylphenol	0.362	0.400	-10.5	130	-0.01
37	2-Methylnaphthalene	0.687	0.736	-7.1	130	-0.02
38	1-Methylnaphthalene	0.672	0.718	-6.8	130	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	124	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.640	0.656	-2.5	128	-0.02
41 P	Hexachlorocyclopentadiene	0.327	0.292	10.7	110	-0.02
42 S	2,4,6-Tribromophenol	0.288	0.326	-13.2	137	-0.01
43 C	2,4,6-Trichlorophenol	0.424	0.455	-7.3	129	-0.02
44	2,4,5-Trichlorophenol	0.444	0.483	-8.8	131	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022519\
 Data File : BM018910.D
 Acq On : 25 Feb 2019 11:35
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 25 13:14:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 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 S	2-Fluorobiphenyl	1.507	1.566	-3.9	131	-0.02
46	1,1'-Biphenyl	1.722	1.803	-4.7	132	-0.02
47	2-Chloronaphthalene	1.330	1.393	-4.7	131	-0.02
48	2-Nitroaniline	0.442	0.505	-14.3	135	-0.01
49	Acenaphthylene	1.980	2.119	-7.0	132	-0.02
50	Dimethylphthalate	1.667	1.756	-5.3	131	-0.02
51	2,6-Dinitrotoluene	0.361	0.400	-10.8	133	-0.01
52 C	Acenaphthene	1.214	1.275	-5.0	131	-0.01
53	3-Nitroaniline	0.408	0.428	-4.9	129	-0.01
54 P	2,4-Dinitrophenol	0.200	0.195	2.5	121	-0.01
55	Dibenzofuran	1.995	2.092	-4.9	131	-0.02
56 P	4-Nitrophenol	0.326	0.342	-4.9	129	-0.01
57	2,4-Dinitrotoluene	0.497	0.564	-13.5	135	-0.01
58	Fluorene	1.527	1.649	-8.0	135	-0.02
59	2,3,4,6-Tetrachlorophenol	0.392	0.413	-5.4	128	-0.02
60	Diethylphthalate	1.719	1.826	-6.2	133	-0.01
61	4-Chlorophenyl-phenylether	0.856	0.907	-6.0	133	-0.01
62	4-Nitroaniline	0.400	0.394	1.5	121	-0.01
63	Azobenzene	1.844	2.013	-9.2	133	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	126	-0.02
65	4,6-Dinitro-2-methylphenol	0.140	0.140	0.0	124	-0.01
66 c	n-Nitrosodiphenylamine	0.632	0.680	-7.6	134	-0.01
67	4-Bromophenyl-phenylether	0.224	0.237	-5.8	132	-0.02
68	Hexachlorobenzene	0.260	0.277	-6.5	135	-0.01
69	Atrazine	0.204	0.190	6.9	116	-0.01
70 C	Pentachlorophenol	0.168	0.181	-7.7	128	-0.02
71	Phenanthrene	1.075	1.146	-6.6	136	-0.01
72	Anthracene	1.046	1.130	-8.0	135	-0.02
73	Carbazole	1.093	1.152	-5.4	130	-0.01
74	Di-n-butylphthalate	1.257	1.401	-11.5	136	-0.01
75 C	Fluoranthene	1.242	1.322	-6.4	132	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	116	-0.01
77	Benzidine	0.450	0.363	19.3	76	-0.01
78	Pyrene	1.162	1.330	-14.5	131	-0.01
79 S	Terphenyl-d14	0.970	1.125	-16.0	130	0.00
80	Butylbenzylphthalate	0.529	0.651	-23.1	136	-0.01
81	Benzo(a)anthracene	1.166	1.232	-5.7	121	-0.01
82	3,3'-Dichlorobenzidine	0.461	0.462	-0.2	112	-0.01
83	Chrysene	1.117	1.168	-4.6	120	-0.01
84	Bis(2-ethylhexyl)phthalate	0.775	0.950	-22.6	137	-0.01
85 c	Di-n-octyl phthalate	1.302	1.551	-19.1	131	-0.01
86	Indeno(1,2,3-cd)pyrene	1.290	1.104	14.4	90	-0.03
87 I	Perylene-d12	1.000	1.000	0.0	96	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022519\
Data File : BM018910.D
Acq On : 25 Feb 2019 11:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 25 13:14:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 12:45:05 2019
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	1.144	1.260	-10.1	107	-0.02
89	Benzo(k)fluoranthene	1.139	1.259	-10.5	108	-0.02
90 C	Benzo(a)pyrene	1.084	1.152	-6.3	102	-0.02
91	Dibenzo(a,h)anthracene	1.074	1.064	0.9	90	-0.03
92	Benzo(q,h,i)perylene	1.000	0.996	0.4	90	-0.03

(#) = Out of Range

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