

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121517\
 Data File : BF101439.D
 Acq On : 15 Dec 2017 13:31
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 15 17:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 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	97	0.00
2	1,4-Dioxane	0.690	0.652	5.5	90	0.00
3	Pyridine	1.917	1.814	5.4	90	0.00
4	n-Nitrosodimethylamine	0.883	0.798	9.6	85	0.00
5 S	2-Fluorophenol	1.343	1.322	1.6	95	0.00
6	Aniline	2.322	2.173	6.4	92	0.00
7 S	Phenol-d6	1.671	1.527	8.6	92	0.00
8	2-Chlorophenol	1.412	1.342	5.0	94	0.00
9	Benzaldehyde	1.234	1.146	7.1	90	0.00
10 C	Phenol	1.905	1.786	6.2	93	0.00
11	bis(2-Chloroethyl)ether	1.494	1.407	5.8	92	0.00
12	1,3-Dichlorobenzene	1.594	1.532	3.9	94	0.00
13 C	1,4-Dichlorobenzene	1.628	1.540	5.4	94	0.00
14	1,2-Dichlorobenzene	1.465	1.394	4.8	94	0.00
15	Benzyl Alcohol	1.150	1.050	8.7	91	0.00
16	2,2'-oxybis(1-Chloropropane	2.286	2.159	5.6	91	0.00
17	2-Methylphenol	1.299	1.193	8.2	94	0.00
18	Hexachloroethane	0.566	0.527	6.9	92	0.00
19 P	n-Nitroso-di-n-propylamine	1.097	0.962	12.3	91	0.00
20	3+4-Methylphenols	1.377	1.328	3.6	94	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22	Acetophenone	0.456	0.422	7.5	92	0.00
23 S	Nitrobenzene-d5	0.359	0.342	4.7	92	0.00
24	Nitrobenzene	0.398	0.368	7.5	92	0.00
25	Isophorone	0.721	0.651	9.7	90	0.00
26 C	2-Nitrophenol	0.171	0.179	-4.7	98	0.00
27	2,4-Dimethylphenol	0.290	0.268	7.6	92	0.00
28	bis(2-Chloroethoxy)methane	0.458	0.422	7.9	92	0.00
29 C	2,4-Dichlorophenol	0.287	0.275	4.2	94	0.00
30	1,2,4-Trichlorobenzene	0.303	0.284	6.3	93	0.00
31	Naphthalene	1.007	0.923	8.3	92	0.00
32	Benzoic acid	0.173	0.167	3.5	97	0.00
33	4-Chloroaniline	0.438	0.403	8.0	93	0.00
34 C	Hexachlorobutadiene	0.175	0.167	4.6	94	0.00
35	Caprolactam	0.100	0.096	4.0	95	0.00
36 C	4-Chloro-3-methylphenol	0.315	0.294	6.7	91	0.00
37	2-Methylnaphthalene	0.656	0.606	7.6	93	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
39	1,2,4,5-Tetrachlorobenzene	0.675	0.637	5.6	95	0.00
40 P	Hexachlorocyclopentadiene	0.088	0.101	-14.8	117	0.00
41 S	2,4,6-Tribromophenol	0.193	0.198	-2.6	102	0.00
42 C	2,4,6-Trichlorophenol	0.407	0.389	4.4	93	0.00
43	2,4,5-Trichlorophenol	0.445	0.430	3.4	94	0.00
44 S	2-Fluorobiphenyl	1.289	1.221	5.3	95	0.00

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121517\
 Data File : BF101439.D
 Acq On : 15 Dec 2017 13:31
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 15 17:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 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)
45	1,1'-Biphenyl	1.774	1.636	7.8	95	0.00
46	2-Chloronaphthalene	1.357	1.241	8.5	94	0.00
47	2-Nitroaniline	0.469	0.462	1.5	97	0.00
48	Acenaphthylene	2.144	1.941	9.5	93	0.00
49	Dimethylphthalate	1.609	1.474	8.4	94	0.00
50	2,6-Dinitrotoluene	0.327	0.319	2.4	94	0.00
51 C	Acenaphthene	1.288	1.186	7.9	95	0.00
52	3-Nitroaniline	0.408	0.406	0.5	97	0.00
53 P	2,4-Dinitrophenol	0.087	0.095	-9.2	105	0.00
54	Dibenzofuran	1.637	1.576	3.7	96	0.00
55 P	4-Nitrophenol	0.178	0.165	7.3	87	0.00
56	2,4-Dinitrotoluene	0.368	0.373	-1.4	99	0.00
57	Fluorene	1.385	1.350	2.5	97	0.00
58	2,3,4,6-Tetrachlorophenol	0.320	0.321	-0.3	98	0.00
59	Diethylphthalate	1.593	1.493	6.3	98	0.00
60	4-Chlorophenyl-phenylether	0.664	0.655	1.4	97	0.00
61	4-Nitroaniline	0.410	0.378	7.8	91	0.00
62	Azobenzene	1.650	1.483	10.1	94	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
64	4,6-Dinitro-2-methylphenol	0.102	0.117	-14.7	109	0.00
65 c	n-Nitrosodiphenylamine	0.738	0.691	6.4	97	0.00
66	4-Bromophenyl-phenylether	0.225	0.220	2.2	100	0.00
67	Hexachlorobenzene	0.238	0.230	3.4	99	0.00
68	Atrazine	0.220	0.214	2.7	99	0.00
69 C	Pentachlorophenol	0.079	0.077	2.5	98	0.00
70	Phenanthrene	1.112	1.029	7.5	98	0.00
71	Anthracene	1.136	1.055	7.1	98	0.00
72	Carbazole	1.064	1.015	4.6	100	0.00
73	Di-n-butylphthalate	1.291	1.227	5.0	100	0.00
74 C	Fluoranthene	1.167	1.108	5.1	100	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	108	0.00
76	Benzidine	0.845	0.777	8.0	100	0.00
77	Pyrene	1.501	1.362	9.3	101	0.00
78 S	Terphenyl-d14	0.830	0.730	12.0	101	0.00
79	Butylbenzylphthalate	0.679	0.630	7.2	101	0.00
80	Benzo(a)anthracene	1.321	1.193	9.7	101	0.00
81	3,3'-Dichlorobenzidine	0.431	0.403	6.5	102	0.00
82	Chrysene	1.247	1.154	7.5	104	0.00
83	Bis(2-ethylhexyl)phthalate	0.860	0.780	9.3	100	0.00
84 c	Di-n-octyl phthalate	1.534	1.438	6.3	104	0.00
85	Indeno(1,2,3-cd)pyrene	1.110	0.987	11.1	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	113	0.00
87	Benzo(b)fluoranthene	1.219	1.133	7.1	105	0.00

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121517\
Data File : BF101439.D
Acq On : 15 Dec 2017 13:31
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 15 17:36:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 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)
88	Benzo(k)fluoranthene	1.185	1.011	14.7	102	0.00
89 C	Benzo(a)pyrene	1.124	1.013	9.9	105	0.00
90	Dibenzo(a,h)anthracene	0.965	0.829	14.1	103	0.00
91	Benzo(g,h,i)perylene	0.955	0.820	14.1	102	0.00

(#) = Out of Range

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