

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091875.D
 Acq On : 22 Dec 2016 10:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 22 16:21:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 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	117	0.00
2	1,4-Dioxane	0.590	0.612	-3.7	120	0.00
3	Pyridine	2.058	1.553	24.5	85	0.00
4	n-Nitrosodimethylamine	0.776	0.654	15.7	94	0.00
5 S	2-Fluorophenol	1.198	1.095	8.6	111	0.00
6	Aniline	1.899	1.774	6.6	109	0.00
7 S	Phenol-d6	1.462	1.431	2.1	112	0.00
8	2-Chlorophenol	1.362	1.279	6.1	107	-0.01
9	Benzaldehyde	0.904	0.854	5.5	118	0.00
10 C	Phenol	1.666	1.749	-5.0	113	0.00
11	bis(2-Chloroethyl)ether	1.326	1.291	2.6	105	-0.01
12	1,3-Dichlorobenzene	1.455	1.369	5.9	104	0.00
13 C	1,4-Dichlorobenzene	1.480	1.354	8.5	105	-0.01
14	1,2-Dichlorobenzene	1.285	1.263	1.7	117	0.00
15	Benzyl Alcohol	1.136	0.998	12.1	101	0.00
16	2,2'-oxybis(1-Chloropropane	1.975	1.788	9.5	105	0.00
17	2-Methylphenol	1.096	0.993	9.4	106	0.00
18	Hexachloroethane	0.549	0.513	6.6	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.973	0.879	9.7	100	-0.01
20	3+4-Methylphenols	1.307	1.281	2.0	108	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.493	0.482	2.2	107	0.00
23 S	Nitrobenzene-d5	0.360	0.322	10.6	103	0.00
24	Nitrobenzene	0.383	0.386	-0.8	101	0.00
25	Isophorone	0.664	0.632	4.8	106	0.00
26 C	2-Nitrophenol	0.189	0.175	7.4	105	0.00
27	2,4-Dimethylphenol	0.313	0.311	0.6	101	0.00
28	bis(2-Chloroethoxy)methane	0.402	0.370	8.0	99	-0.01
29 C	2,4-Dichlorophenol	0.265	0.262	1.1	107	0.00
30	1,2,4-Trichlorobenzene	0.291	0.283	2.7	103	0.00
31	Naphthalene	0.915	0.909	0.7	100	0.00
32	Benzoic acid	0.232	0.236	-1.7	106	0.00
33	4-Chloroaniline	0.413	0.386	6.5	102	0.00
34 C	Hexachlorobutadiene	0.153	0.147	3.9	103	0.00
35	Caprolactam	0.087	0.080	8.0	99	0.00
36 C	4-Chloro-3-methylphenol	0.305	0.302	1.0	102	0.00
37	2-Methylnaphthalene	0.628	0.581	7.5	112	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	125	0.00
39	1,2,4,5-Tetrachlorobenzene	0.505	0.442	12.5	98	0.00
40 P	Hexachlorocyclopentadiene	0.199	0.153	23.1	83	-0.01
41 S	2,4,6-Tribromophenol	0.166	0.142	14.5	110	0.00
42 C	2,4,6-Trichlorophenol	0.353	0.337	4.5	108	0.00
43	2,4,5-Trichlorophenol	0.364	0.307	15.7	101	0.00
44 S	2-Fluorobiphenyl	1.042	0.857	17.8	106	0.00

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091875.D
 Acq On : 22 Dec 2016 10:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 22 16:21:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 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	1.369	1.296	5.3	104	0.00
46	2-Chloronaphthalene	1.084	0.988	8.9	108	0.00
47	2-Nitroaniline	0.386	0.352	8.8	100	-0.01
48	Acenaphthylene	1.668	1.625	2.6	120	0.00
49	Dimethylphthalate	1.279	1.224	4.3	113	0.00
50	2,6-Dinitrotoluene	0.280	0.283	-1.1	124	0.00
51 C	Acenaphthene	1.131	1.025	9.4	113	0.00
52	3-Nitroaniline	0.346	0.392	-13.3	123	0.00
53 P	2,4-Dinitrophenol	0.156	0.132	15.4	92	0.00
54	Dibenzofuran	1.527	1.369	10.3	120	0.00
55 P	4-Nitrophenol	0.235	0.226	3.8	109	0.00
56	2,4-Dinitrotoluene	0.351	0.319	9.1	115	0.00
57	Fluorene	1.111	1.081	2.7	116	0.00
58	2,3,4,6-Tetrachlorophenol	0.288	0.276	4.2	110	0.00
59	Diethylphthalate	1.242	1.127	9.3	103	-0.01
60	4-Chlorophenyl-phenylether	0.486	0.421	13.4	108	0.00
61	4-Nitroaniline	0.359	0.340	5.3	105	-0.01
62	Azobenzene	1.368	1.255	8.3	115	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00
64	4,6-Dinitro-2-methylphenol	0.121	0.131	-8.3	115	0.00
65 c	n-Nitrosodiphenylamine	0.593	0.631	-6.4	122	0.00
66	4-Bromophenyl-phenylether	0.208	0.206	1.0	114	0.00
67	Hexachlorobenzene	0.222	0.218	1.8	110	0.00
68	Atrazine	0.191	0.156	18.3	93	-0.01
69 C	Pentachlorophenol	0.109	0.115	-5.5	107	0.00
70	Phenanthrene	1.084	1.013	6.5	103	-0.01
71	Anthracene	1.086	0.990	8.8	116	0.00
72	Carbazole	1.005	0.978	2.7	122	0.00
73	Di-n-butylphthalate	1.174	1.034	11.9	108	0.00
74 C	Fluoranthene	1.082	0.965	10.8	114	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
76	Benzidine	0.580	0.423	27.1#	89	0.00
77	Pyrene	1.467	1.378	6.1	116	0.00
78 S	Terphenyl-d14	0.825	0.695	15.8	107	0.00
79	Butylbenzylphthalate	0.667	0.689	-3.3	111	0.00
80	Benzo(a)anthracene	1.129	0.986	12.7	102	0.00
81	3,3'-Dichlorobenzidine	0.428	0.383	10.5	110	0.00
82	Chrysene	1.132	0.990	12.5	111	0.00
83	Bis(2-ethylhexyl)phthalate	0.786	0.730	7.1	108	0.00
84 c	Di-n-octyl phthalate	1.456	1.403	3.6	112	0.00
85	Indeno(1,2,3-cd)pyrene	0.981	0.937	4.5	113	0.00
86 I	Perylene-d12	1.000	1.000	0.0	117	0.00
87	Benzo(b)fluoranthene	1.245	1.346	-8.1	119	0.00

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091875.D
Acq On : 22 Dec 2016 10:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 22 16:21:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
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	1.062	0.853	19.7	97	0.00
89 C	Benzo(a)pyrene	1.105	1.037	6.2	108	0.00
90	Dibenzo(a,h)anthracene	0.908	0.914	-0.7	115	-0.01
91	Benzo(a,h,i)perylene	0.945	0.931	1.5	113	-0.01

(#) = Out of Range

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