

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084699.D
 Acq On : 30 Jan 2016 22:40
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 01 03:57:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 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	124	0.00
2	1,4-Dioxane	0.618	0.559	9.5	109	0.00
3	Pyridine	1.646	1.391	15.5	99	0.00
4	n-Nitrosodimethylamine	0.805	0.701	12.9	98	0.00
5 S	2-Fluorophenol	1.325	1.292	2.5	136	0.01
6	Aniline	2.038	1.841	9.7	122	0.00
7 S	Phenol-d6	1.588	1.471	7.4	127	0.00
8	2-Chlorophenol	1.470	1.338	9.0	115	0.00
9	Benzaldehyde	0.920	0.917	0.3	134	0.00
10 C	Phenol	1.770	1.652	6.7	124	0.01
11	bis(2-Chloroethyl)ether	1.377	1.300	5.6	132	0.00
12	1,3-Dichlorobenzene	1.575	1.505	4.4	132	0.01
13 C	1,4-Dichlorobenzene	1.545	1.446	6.4	116	0.01
14	1,2-Dichlorobenzene	1.423	1.440	-1.2	99	0.00
15	Benzyl Alcohol	1.081	0.944	12.7	91	0.00
16	2,2'-oxybis(1-Chloropropane	2.356	2.078	11.8	97	0.00
17	2-Methylphenol	1.139	1.083	4.9	99	0.00
18	Hexachloroethane	0.605	0.525	13.2	90	0.00
19 P	n-Nitroso-di-n-propylamine	0.970	0.838	13.6	94	0.00
20	3+4-Methylphenols	1.383	1.336	3.4	103	0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.522	0.536	-2.7	101	0.01
23 S	Nitrobenzene-d5	0.358	0.357	0.3	92	0.00
24	Nitrobenzene	0.380	0.376	1.1	104	0.01
25	Isophorone	0.670	0.680	-1.5	94	0.00
26 C	2-Nitrophenol	0.181	0.169	6.6	88	0.00
27	2,4-Dimethylphenol	0.317	0.325	-2.5	109	0.01
28	bis(2-Chloroethoxy)methane	0.402	0.404	-0.5	99	0.00
29 C	2,4-Dichlorophenol	0.277	0.278	-0.4	92	0.00
30	1,2,4-Trichlorobenzene	0.317	0.316	0.3	96	0.00
31	Naphthalene	1.010	0.978	3.2	101	0.01
32	Benzoic acid	0.243	0.168	30.9#	64	-0.01
33	4-Chloroaniline	0.411	0.362	11.9	91	0.00
34 C	Hexachlorobutadiene	0.187	0.180	3.7	91	0.00
35	Caprolactam	0.080	0.075	6.3	91	0.00
36 C	4-Chloro-3-methylphenol	0.305	0.261	14.4	80	0.00
37	2-Methylnaphthalene	0.620	0.610	1.6	90	0.00
38 I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
39	1,2,4,5-Tetrachlorobenzene	0.649	0.659	-1.5	90	0.00
40 P	Hexachlorocyclopentadiene	0.295	0.052	82.4#	14#	0.00
41 S	2,4,6-Tribromophenol	0.210	0.200	4.8	75	0.00
42 C	2,4,6-Trichlorophenol	0.403	0.433	-7.4	88	0.00
43	2,4,5-Trichlorophenol	0.416	0.393	5.5	77	0.01
44 S	2-Fluorobiphenyl	1.346	1.353	-0.5	88	0.00

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084699.D
 Acq On : 30 Jan 2016 22:40
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 01 03:57:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 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	1.833	1.964	-7.1	87	0.00
46	2-Chloronaphthalene	1.337	1.358	-1.6	85	0.00
47	2-Nitroaniline	0.402	0.365	9.2	82	0.00
48	Acenaphthylene	2.026	2.089	-3.1	84	0.00
49	Dimethylphthalate	1.501	1.465	2.4	83	-0.01
50	2,6-Dinitrotoluene	0.330	0.352	-6.7	83	0.00
51 C	Acenaphthene	1.357	1.312	3.3	76	0.00
52	3-Nitroaniline	0.345	0.318	7.8	82	0.00
53 P	2,4-Dinitrophenol	0.163	0.028#	82.8#	14#	0.01
54	Dibenzofuran	1.619	1.637	-1.1	81	0.00
55 P	4-Nitrophenol	0.253	0.235	7.1	78	0.01
56	2,4-Dinitrotoluene	0.429	0.419	2.3	76	0.00
57	Fluorene	1.373	1.305	5.0	83	0.01
58	2,3,4,6-Tetrachlorophenol	0.315	0.279	11.4	72	0.01
59	Diethylphthalate	1.469	1.399	4.8	80	0.00
60	4-Chlorophenyl-phenylether	0.616	0.592	3.9	81	0.00
61	4-Nitroaniline	0.327	0.362	-10.7	77	0.00
62	Azobenzene	1.406	1.350	4.0	76	0.00
63 I	Phenanthrene-d10	1.000	1.000	0.0	74	0.00
64	4,6-Dinitro-2-methylphenol	0.131	0.038	71.0#	22#	0.00
65 c	n-Nitrosodiphenylamine	0.648	0.730	-12.7	79	0.00
66	4-Bromophenyl-phenylether	0.225	0.249	-10.7	75	0.00
67	Hexachlorobenzene	0.245	0.238	2.9	75	0.00
68	Atrazine	0.194	0.205	-5.7	80	0.00
69 C	Pentachlorophenol	0.118	0.116	1.7	72	0.01
70	Phenanthrene	1.106	1.062	4.0	78	0.00
71	Anthracene	1.124	1.196	-6.4	74	0.00
72	Carbazole	0.969	1.041	-7.4	77	0.00
73	Di-n-butylphthalate	1.179	1.251	-6.1	82	0.00
74 C	Fluoranthene	1.093	1.174	-7.4	76	0.00
75 I	Chrysene-d12	1.000	1.000	0.0	108	0.01
76	Benzidine	0.761	0.698	8.3	84	0.00
77	Pyrene	1.508	1.319	12.5	83	0.00
78 S	Terphenyl-d14	0.886	0.722	18.5	78	0.00
79	Butylbenzylphthalate	0.644	0.602	6.5	92	0.00
80	Benzo(a)anthracene	1.247	1.161	6.9	101	0.01
81	3,3'-Dichlorobenzidine	0.439	0.488	-11.2	114	0.00
82	Chrysene	1.229	1.201	2.3	104	0.00
83	Bis(2-ethylhexyl)phthalate	0.836	0.765	8.5	92	0.00
84 c	Di-n-octyl phthalate	1.321	1.463	-10.7	118	0.01
85	Indeno(1,2,3-cd)pyrene	1.086	1.185	-9.1	123	0.01
86 I	Perylene-d12	1.000	1.000	0.0	138	0.01
87	Benzo(b)fluoranthene	1.295	1.071	17.3	111	0.00

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084699.D
Acq On : 30 Jan 2016 22:40
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 01 03:57:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 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	1.070	1.118	-4.5	148	0.01
89 C	Benzo(a)pyrene	1.120	1.053	6.0	132	0.01
90	Dibenzo(a,h)anthracene	1.010	0.903	10.6	124	0.01
91	Benzo(a,h,i)perylene	1.019	0.810	20.5	110	0.02

(#) = Out of Range

SPCC's out = 1 CCC's out = 0