

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF111418\  
 Data File : BF110761.D  
 Acq On : 14 Nov 2018 13:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 14 14:54:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 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	97	0.00
2	1,4-Dioxane	0.613	0.632	-3.1	99	0.00
3	Pyridine	1.324	1.345	-1.6	91	0.00
4	n-Nitrosodimethylamine	0.568	0.594	-4.6	96	0.00
5 S	2-Fluorophenol	1.231	1.276	-3.7	97	0.00
6	Aniline	2.053	1.973	3.9	93	0.00
7 S	Phenol-d6	1.575	1.593	-1.1	97	0.00
8	2-Chlorophenol	1.443	1.484	-2.8	99	0.00
9	Benzaldehyde	0.893	0.862	3.5	96	0.00
10 C	Phenol	1.826	1.852	-1.4	97	0.00
11	bis(2-Chloroethyl)ether	1.368	1.374	-0.4	97	0.00
12	1,3-Dichlorobenzene	1.579	1.598	-1.2	97	0.00
13 C	1,4-Dichlorobenzene	1.604	1.628	-1.5	98	0.00
14	1,2-Dichlorobenzene	1.492	1.527	-2.3	100	0.00
15	Benzyl Alcohol	1.232	1.241	-0.7	95	0.00
16	2,2'-oxybis(1-Chloropropane	2.149	2.195	-2.1	98	0.00
17	2-Methylphenol	1.149	1.148	0.1	97	0.00
18	Hexachloroethane	0.592	0.611	-3.2	99	0.00
19 P	n-Nitroso-di-n-propylamine	1.005	1.028	-2.3	99	0.00
20	3+4-Methylphenols	1.475	1.504	-2.0	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22	Acetophenone	0.466	0.468	-0.4	96	0.00
23 S	Nitrobenzene-d5	0.347	0.354	-2.0	98	0.00
24	Nitrobenzene	0.356	0.359	-0.8	97	0.00
25	Isophorone	0.569	0.570	-0.2	98	0.00
26 C	2-Nitrophenol	0.178	0.183	-2.8	96	0.00
27	2,4-Dimethylphenol	0.270	0.273	-1.1	97	0.00
28	bis(2-Chloroethoxy)methane	0.385	0.390	-1.3	98	0.00
29 C	2,4-Dichlorophenol	0.278	0.282	-1.4	96	0.00
30	1,2,4-Trichlorobenzene	0.314	0.317	-1.0	97	0.00
31	Naphthalene	0.939	0.938	0.1	97	0.00
32	Benzoic acid	0.191	0.156	18.3	73	-0.01
33	4-Chloroaniline	0.425	0.407	4.2	95	0.00
34 C	Hexachlorobutadiene	0.179	0.183	-2.2	99	0.00
35	Caprolactam	0.093	0.093	0.0	96	0.00
36 C	4-Chloro-3-methylphenol	0.300	0.303	-1.0	96	0.00
37	2-Methylnaphthalene	0.615	0.614	0.2	96	0.00
38	1-Methylnaphthalene	0.592	0.588	0.7	96	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.633	0.636	-0.5	97	0.00
41 P	Hexachlorocyclopentadiene	0.203	0.181	10.8	81	0.00
42 S	2,4,6-Tribromophenol	0.202	0.195	3.5	93	0.00
43 C	2,4,6-Trichlorophenol	0.398	0.395	0.8	94	0.00
44	2,4,5-Trichlorophenol	0.424	0.412	2.8	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF111418\  
 Data File : BF110761.D  
 Acq On : 14 Nov 2018 13:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 14 14:54:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 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	1.400	1.375	1.8	96	0.00
46	1,1'-Biphenyl	1.866	1.866	0.0	97	0.00
47	2-Chloronaphthalene	1.344	1.332	0.9	97	0.00
48	2-Nitroaniline	0.414	0.414	0.0	95	0.00
49	Acenaphthylene	1.936	1.926	0.5	96	0.00
50	Dimethylphthalate	1.492	1.461	2.1	95	0.00
51	2,6-Dinitrotoluene	0.328	0.323	1.5	94	0.00
52 C	Acenaphthene	1.223	1.212	0.9	97	0.00
53	3-Nitroaniline	0.380	0.377	0.8	96	0.00
54 P	2,4-Dinitrophenol	0.116	0.095	18.1	74	0.00
55	Dibenzofuran	1.790	1.761	1.6	96	0.00
56 P	4-Nitrophenol	0.252	0.220	12.7	80	0.00
57	2,4-Dinitrotoluene	0.427	0.423	0.9	95	0.00
58	Fluorene	1.375	1.355	1.5	96	0.00
59	2,3,4,6-Tetrachlorophenol	0.334	0.328	1.8	94	0.00
60	Diethylphthalate	1.476	1.435	2.8	96	0.00
61	4-Chlorophenyl-phenylether	0.712	0.709	0.4	97	0.00
62	4-Nitroaniline	0.383	0.379	1.0	95	0.00
63	Azobenzene	1.440	1.443	-0.2	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.087	13.9	79	0.00
66 c	n-Nitrosodiphenylamine	0.674	0.683	-1.3	97	0.00
67	4-Bromophenyl-phenylether	0.221	0.223	-0.9	97	0.00
68	Hexachlorobenzene	0.233	0.234	-0.4	96	0.00
69	Atrazine	0.206	0.194	5.8	90	0.00
70 C	Pentachlorophenol	0.124	0.114	8.1	84	0.00
71	Phenanthrene	1.071	1.062	0.8	97	0.00
72	Anthracene	1.081	1.076	0.5	96	0.00
73	Carbazole	1.038	1.031	0.7	95	0.00
74	Di-n-butylphthalate	1.217	1.206	0.9	94	0.00
75 C	Fluoranthene	1.074	1.045	2.7	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77	Benzidine	0.550	0.553	-0.5	94	0.00
78	Pyrene	1.540	1.585	-2.9	93	0.00
79 S	Terphenyl-d14	1.068	1.076	-0.7	94	0.00
80	Butylbenzylphthalate	0.663	0.674	-1.7	89	0.00
81	Benzo(a)anthracene	1.195	1.195	0.0	91	0.00
82	3,3'-Dichlorobenzidine	0.400	0.391	2.3	90	0.00
83	Chrysene	1.139	1.162	-2.0	95	0.00
84	Bis(2-ethylhexyl)phthalate	0.822	0.839	-2.1	93	0.00
85 c	Di-n-octyl phthalate	1.209	1.257	-4.0	97	0.00
86	Indeno(1,2,3-cd)pyrene	0.817	0.845	-3.4	96	0.00
87 I	Perylene-d12	1.000	1.000	0.0	93	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF111418\  
 Data File : BF110761.D  
 Acq On : 14 Nov 2018 13:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 14 14:54:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 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	1.196	1.195	0.1	91	0.00
89	Benzo(k)fluoranthene	1.182	1.172	0.8	96	0.00
90 C	Benzo(a)pyrene	1.087	1.083	0.4	94	0.00
91	Dibenzo(a,h)anthracene	0.920	0.970	-5.4	96	0.00
92	Benzo(a,h,i)perylene	0.913	0.967	-5.9	96	0.00

(#) = Out of Range

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