

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049833.D
 Acq On : 07 Apr 2025 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 07 11:55:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 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	108	-0.02
2	1,4-Dioxane	0.513	0.426	17.0	93	-0.02
3	Pyridine	1.310	1.138	13.1	95	-0.02
4	n-Nitrosodimethylamine	0.580	0.436	24.8	84	-0.02
5 S	2-Fluorophenol	1.185	1.053	11.1	97	-0.02
6	Aniline	1.246	1.135	8.9	101	-0.02
7 S	Phenol-d6	1.487	1.338	10.0	99	-0.02
8	2-Chlorophenol	1.174	1.094	6.8	103	-0.02
9	Benzaldehyde	0.735	0.689	6.3	109	-0.02
10 C	Phenol	1.442	1.294	10.3	100	-0.02
11	bis(2-Chloroethyl)ether	1.168	1.033	11.6	100	-0.02
12	1,3-Dichlorobenzene	1.426	1.292	9.4	102	-0.02
13 C	1,4-Dichlorobenzene	1.439	1.303	9.5	101	-0.02
14	1,2-Dichlorobenzene	1.368	1.230	10.1	100	-0.02
15	Benzyl Alcohol	0.933	0.866	7.2	101	-0.02
16	2,2'-oxybis(1-Chloropropane	1.373	1.157	15.7	95	-0.02
17	2-Methylphenol	0.856	0.815	4.8	104	-0.02
18	Hexachloroethane	0.508	0.454	10.6	98	-0.02
19 P	n-Nitroso-di-n-propylamine	0.863	0.766	11.2	96	-0.02
20	3+4-Methylphenols	1.148	1.102	4.0	105	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	111	-0.02
22	Acetophenone	0.516	0.444	14.0	98	-0.02
23 S	Nitrobenzene-d5	0.390	0.329	15.6	95	-0.02
24	Nitrobenzene	0.367	0.318	13.4	98	-0.02
25	Isophorone	0.598	0.560	6.4	105	-0.02
26 C	2-Nitrophenol	0.156	0.167	-7.1	118	-0.02
27	2,4-Dimethylphenol	0.199	0.194	2.5	110	-0.02
28	bis(2-Chloroethoxy)methane	0.421	0.373	11.4	102	-0.02
29 C	2,4-Dichlorophenol	0.324	0.313	3.4	108	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.359	11.6	102	-0.02
31	Naphthalene	1.028	0.931	9.4	104	-0.02
32	Benzoic acid	0.169	0.217	-28.4#	147	-0.02
33	4-Chloroaniline	0.351	0.337	4.0	107	-0.02
34 C	Hexachlorobutadiene	0.250	0.221	11.6	101	-0.02
35	Caprolactam	0.075	0.087	-16.0	124	-0.02
36 C	4-Chloro-3-methylphenol	0.278	0.279	-0.4	110	-0.02
37	2-Methylnaphthalene	0.719	0.666	7.4	105	-0.02
38	1-Methylnaphthalene	0.694	0.644	7.2	106	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	118	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.735	0.627	14.7	103	-0.02
41 P	Hexachlorocyclopentadiene	0.272	0.229	15.8	99	-0.02
42 S	2,4,6-Tribromophenol	0.234	0.259	-10.7	122	-0.02
43 C	2,4,6-Trichlorophenol	0.411	0.406	1.2	115	-0.02
44	2,4,5-Trichlorophenol	0.449	0.436	2.9	113	-0.02
45 S	2-Fluorobiphenyl	1.597	1.351	15.4	101	-0.02
46	1,1'-Biphenyl	1.541	1.362	11.6	106	-0.02
47	2-Chloronaphthalene	1.200	1.060	11.7	106	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.269	0.252	6.3	106	-0.02
49	Acenaphthylene	1.677	1.552	7.5	110	-0.02
50	Dimethylphthalate	1.377	1.303	5.4	112	-0.02
51	2,6-Dinitrotoluene	0.276	0.274	0.7	116	-0.02
52 C	Acenaphthene	1.100	0.984	10.5	106	-0.02
53	3-Nitroaniline	0.263	0.270	-2.7	117	-0.02
54 P	2,4-Dinitrophenol	0.134	0.155	-15.7	139	0.00
55	Dibenzofuran	1.833	1.649	10.0	109	-0.02
56 P	4-Nitrophenol	0.229	0.241	-5.2	122	-0.01
57	2,4-Dinitrotoluene	0.355	0.374	-5.4	119	-0.01
58	Fluorene	1.492	1.318	11.7	104	-0.02
59	2,3,4,6-Tetrachlorophenol	0.376	0.373	0.8	115	-0.01
60	Diethylphthalate	1.297	1.267	2.3	115	-0.02
61	4-Chlorophenyl-phenylether	0.815	0.706	13.4	102	-0.02
62	4-Nitroaniline	0.274	0.277	-1.1	110	-0.01
63	Azobenzene	1.239	1.084	12.5	103	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	123	-0.02
65	4,6-Dinitro-2-methylphenol	0.102	0.110	-7.8	135	-0.01
66 c	n-Nitrosodiphenylamine	0.606	0.548	9.6	112	-0.02
67	4-Bromophenyl-phenylether	0.231	0.211	8.7	115	-0.02
68	Hexachlorobenzene	0.260	0.239	8.1	117	-0.01
69	Atrazine	0.134	0.134	0.0	128	-0.02
70 C	Pentachlorophenol	0.163	0.168	-3.1	128	-0.01
71	Phenanthrene	1.111	0.999	10.1	112	-0.02
72	Anthracene	1.076	0.994	7.6	115	-0.02
73	Carbazole	0.974	0.931	4.4	115	-0.01
74	Di-n-butylphthalate	1.068	1.120	-4.9	127	-0.02
75 C	Fluoranthene	1.279	1.225	4.2	116	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	119	-0.02
77	Benzidine	0.240	0.337	-40.4#	190#	-0.02
78	Pyrene	1.397	1.289	7.7	115	-0.01
79 S	Terphenyl-d14	1.187	1.070	9.9	105	-0.01
80	Butylbenzylphthalate	0.434	0.495	-14.1	136	-0.02
81	Benzo(a)anthracene	1.336	1.217	8.9	111	-0.02
82	3,3'-Dichlorobenzidine	0.435	0.460	-5.7	133	-0.02
83	Chrysene	1.266	1.145	9.6	109	-0.01
84	Bis(2-ethylhexyl)phthalate	0.676	0.730	-8.0	128	-0.02
85 c	Di-n-octyl phthalate	1.050	1.283	-22.2#	151#	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	137	-0.02
87	Indeno(1,2,3-cd)pyrene	1.440	1.327	7.8	127	-0.04
88	Benzo(b)fluoranthene	1.347	1.144	15.1	118	-0.02
89	Benzo(k)fluoranthene	1.325	1.108	16.4	118	-0.02
90 C	Benzo(a)pyrene	1.131	1.008	10.9	124	-0.02
91	Dibenzo(a,h)anthracene	1.199	1.098	8.4	127	-0.04
92	Benzo(g,h,i)perylene	1.208	1.115	7.7	127	-0.04

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(#) = Out of Range

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