

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142640.D
 Acq On : 06 Jun 2025 11:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 06 13:20:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	130	-0.01
2	1,4-Dioxane	0.475	0.477	-0.4	135	-0.01
3	Pyridine	1.210	1.199	0.9	133	-0.01
4	n-Nitrosodimethylamine	0.628	0.588	6.4	123	-0.03
5 S	2-Fluorophenol	1.187	1.121	5.6	129	0.00
6	Aniline	1.921	1.857	3.3	131	-0.01
7 S	Phenol-d6	1.429	1.356	5.1	129	-0.01
8	2-Chlorophenol	1.293	1.241	4.0	129	0.00
9	Benzaldehyde	0.859	0.766	10.8	122	0.00
10 C	Phenol	1.608	1.531	4.8	130	-0.01
11	bis(2-Chloroethyl)ether	1.157	1.138	1.6	133	-0.01
12	1,3-Dichlorobenzene	1.443	1.384	4.1	129	-0.01
13 C	1,4-Dichlorobenzene	1.453	1.391	4.3	128	-0.01
14	1,2-Dichlorobenzene	1.391	1.343	3.5	131	-0.01
15	Benzyl Alcohol	1.056	0.985	6.7	125	-0.01
16	2,2'-oxybis(1-Chloropropane	1.944	1.880	3.3	131	-0.01
17	2-Methylphenol	1.010	0.964	4.6	128	0.00
18	Hexachloroethane	0.507	0.489	3.6	130	0.00
19 P	n-Nitroso-di-n-propylamine	0.886	0.812	8.4	125	-0.02
20	3+4-Methylphenols	1.293	1.177	9.0	123	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	129	0.00
22	Acetophenone	0.443	0.410	7.4	123	-0.01
23 S	Nitrobenzene-d5	0.367	0.343	6.5	124	-0.01
24	Nitrobenzene	0.331	0.311	6.0	125	-0.01
25	Isophorone	0.613	0.566	7.7	123	-0.02
26 C	2-Nitrophenol	0.177	0.174	1.7	128	-0.01
27	2,4-Dimethylphenol	0.312	0.292	6.4	125	-0.01
28	bis(2-Chloroethoxy)methane	0.383	0.361	5.7	128	-0.01
29 C	2,4-Dichlorophenol	0.283	0.273	3.5	128	0.00
30	1,2,4-Trichlorobenzene	0.308	0.293	4.9	129	0.00
31	Naphthalene	0.985	0.926	6.0	127	0.00
32	Benzoic acid	0.190	0.174	8.4	119	-0.04
33	4-Chloroaniline	0.399	0.381	4.5	127	0.00
34 C	Hexachlorobutadiene	0.192	0.181	5.7	125	-0.01
35	Caprolactam	0.080	0.071	11.3	116	-0.03
36 C	4-Chloro-3-methylphenol	0.291	0.262	10.0	120	-0.01
37	2-Methylnaphthalene	0.620	0.577	6.9	126	0.00
38	1-Methylnaphthalene	0.641	0.591	7.8	124	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	123	0.00
40	1,2,4,5-Tetrachlorobenzene	0.574	0.558	2.8	125	-0.01
41 P	Hexachlorocyclopentadiene	0.387	0.355	8.3	112	0.00
42 S	2,4,6-Tribromophenol	0.222	0.192	13.5	112	-0.01
43 C	2,4,6-Trichlorophenol	0.387	0.375	3.1	125	0.00
44	2,4,5-Trichlorophenol	0.408	0.381	6.6	119	0.00
45 S	2-Fluorobiphenyl	1.490	1.353	9.2	120	-0.01
46	1,1'-Biphenyl	1.552	1.469	5.3	123	-0.01
47	2-Chloronaphthalene	1.146	1.112	3.0	126	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.331	0.307	7.3	117	-0.01
49	Acenaphthylene	1.936	1.812	6.4	121	-0.01
50	Dimethylphthalate	1.320	1.176	10.9	116	-0.01
51	2,6-Dinitrotoluene	0.285	0.258	9.5	114	0.00
52 C	Acenaphthene	1.182	1.087	8.0	120	-0.01
53	3-Nitroaniline	0.311	0.273	12.2	113	-0.01
54 P	2,4-Dinitrophenol	0.147	0.127	13.6	105	-0.01
55	Dibenzofuran	1.701	1.563	8.1	120	0.00
56 P	4-Nitrophenol	0.230	0.182	20.9	99	0.00
57	2,4-Dinitrotoluene	0.372	0.330	11.3	112	-0.01
58	Fluorene	1.314	1.186	9.7	119	-0.01
59	2,3,4,6-Tetrachlorophenol	0.341	0.306	10.3	114	0.00
60	Diethylphthalate	1.289	1.095	15.1	110	-0.02
61	4-Chlorophenyl-phenylether	0.646	0.584	9.6	119	-0.01
62	4-Nitroaniline	0.282	0.233	17.4	104	-0.02
63	Azobenzene	1.158	1.036	10.5	116	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65	4,6-Dinitro-2-methylphenol	0.112	0.113	-0.9	108	0.00
66 c	n-Nitrosodiphenylamine	0.684	0.680	0.6	115	-0.01
67	4-Bromophenyl-phenylether	0.236	0.239	-1.3	118	0.00
68	Hexachlorobenzene	0.262	0.263	-0.4	115	-0.01
69	Atrazine	0.182	0.168	7.7	103	0.00
70 C	Pentachlorophenol	0.148	0.135	8.8	101	0.00
71	Phenanthrene	1.069	1.013	5.2	110	0.00
72	Anthracene	1.091	1.048	3.9	111	0.00
73	Carbazole	0.933	0.847	9.2	104	0.00
74	Di-n-butylphthalate	1.021	0.903	11.6	101	-0.01
75 C	Fluoranthene	0.999	0.880	11.9	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	123	0.00
77	Benzidine	0.744	0.688	7.5	106	0.00
78	Pyrene	1.866	1.563	16.2	103	0.00
79 S	Terphenyl-d14	1.464	1.196	18.3	103	0.00
80	Butylbenzylphthalate	0.516	0.527	-2.1	123	0.00
81	Benzo(a)anthracene	1.336	1.219	8.8	117	0.00
82	3,3'-Dichlorobenzidine	0.405	0.465	-14.8	141	0.00
83	Chrysene	1.200	1.183	1.4	127	0.00
84	Bis(2-ethylhexyl)phthalate	0.660	0.831	-25.9#	152#	0.00
85 c	Di-n-octyl phthalate	1.290	1.594	-23.6#	155#	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	143	0.00
87	Indeno(1,2,3-cd)pyrene	1.501	1.380	8.1	136	-0.01
88	Benzo(b)fluoranthene	1.184	1.106	6.6	140	0.00
89	Benzo(k)fluoranthene	1.109	0.999	9.9	137	0.00
90 C	Benzo(a)pyrene	1.116	1.052	5.7	139	-0.01
91	Dibenzo(a,h)anthracene	1.218	1.119	8.1	135	-0.02
92	Benzo(g,h,i)perylene	1.218	1.111	8.8	135	-0.02

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(#) = Out of Range

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