

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050625\  
 Data File : BP024540.D  
 Acq On : 06 May 2025 10:17  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: May 06 13:41:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 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	65	-0.02
2	1,4-Dioxane	0.512	0.475	7.2	60	-0.01
3	Pyridine	1.351	1.101	18.5	51	-0.01
4	n-Nitrosodimethylamine	0.448	0.484	-8.0	69	-0.01
5 S	2-Fluorophenol	1.210	1.169	3.4	60	-0.02
6	Aniline	1.480	1.208	18.4	49#	-0.02
7 S	Phenol-d6	1.656	1.490	10.0	55	-0.01
8	2-Chlorophenol	1.350	1.270	5.9	59	-0.02
9	Benzaldehyde	0.819	0.804	1.8	62	-0.02
10 C	Phenol	1.661	1.459	12.2	54	-0.02
11	bis(2-Chloroethyl)ether	1.339	1.163	13.1	54	-0.02
12	1,3-Dichlorobenzene	1.454	1.370	5.8	60	-0.02
13 C	1,4-Dichlorobenzene	1.475	1.396	5.4	61	-0.02
14	1,2-Dichlorobenzene	1.424	1.333	6.4	60	-0.02
15	Benzyl Alcohol	1.071	1.008	5.9	57	-0.02
16	2,2'-oxybis(1-Chloropropane)	1.447	1.254	13.3	54	-0.02
17	2-Methylphenol	1.075	0.995	7.4	57	-0.02
18	Hexachloroethane	0.533	0.521	2.3	62	-0.02
19 P	n-Nitroso-di-n-propylamine	1.025	0.887	13.5	53	-0.02
20	3+4-Methylphenols	1.491	1.350	9.5	55	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	60	-0.02
22	Acetophenone	0.495	0.472	4.6	55	-0.02
23 S	Nitrobenzene-d5	0.351	0.343	2.3	56	-0.02
24	Nitrobenzene	0.347	0.336	3.2	56	-0.02
25	Isophorone	0.635	0.588	7.4	53	-0.01
26 C	2-Nitrophenol	0.170	0.180	-5.9	59	-0.02
27	2,4-Dimethylphenol	0.213	0.205	3.8	55	-0.02
28	bis(2-Chloroethoxy)methane	0.429	0.380	11.4	51	-0.02
29 C	2,4-Dichlorophenol	0.291	0.296	-1.7	58	-0.01
30	1,2,4-Trichlorobenzene	0.311	0.314	-1.0	59	-0.02
31	Naphthalene	1.054	1.015	3.7	57	-0.02
32	Benzoic acid	0.248	0.227	8.5	57	0.00
33	4-Chloroaniline	0.371	0.348	6.2	53	-0.02
34 C	Hexachlorobutadiene	0.183	0.197	-7.7	63	-0.02
35	Caprolactam	0.107	0.101	5.6	55	0.00
36 C	4-Chloro-3-methylphenol	0.339	0.336	0.9	57	-0.01
37	2-Methylnaphthalene	0.731	0.692	5.3	55	-0.02
38	1-Methylnaphthalene	0.715	0.674	5.7	56	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	59	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.550	0.573	-4.2	59	-0.02
41 P	Hexachlorocyclopentadiene	0.195	0.199	-2.1	54	-0.02
42 S	2,4,6-Tribromophenol	0.277	0.315	-13.7	64	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.383	-4.6	58	-0.02
44	2,4,5-Trichlorophenol	0.405	0.422	-4.2	58	0.00
45 S	2-Fluorobiphenyl	1.306	1.299	0.5	56	-0.02
46	1,1'-Biphenyl	1.470	1.445	1.7	56	-0.02
47	2-Chloronaphthalene	1.099	1.091	0.7	56	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.308	0.322	-4.5	57	0.00
49	Acenaphthylene	1.730	1.668	3.6	54	-0.01
50	Dimethylphthalate	1.454	1.395	4.1	55	-0.02
51	2,6-Dinitrotoluene	0.309	0.312	-1.0	56	-0.02
52 C	Acenaphthene	1.097	1.042	5.0	54	-0.02
53	3-Nitroaniline	0.325	0.310	4.6	52	-0.01
54 P	2,4-Dinitrophenol	0.182	0.178	2.2	56	0.00
55	Dibenzofuran	1.793	1.687	5.9	54	-0.01
56 P	4-Nitrophenol	0.280	0.244	12.9	47#	0.02
57	2,4-Dinitrotoluene	0.421	0.437	-3.8	57	0.00
58	Fluorene	1.388	1.348	2.9	57	0.00
59	2,3,4,6-Tetrachlorophenol	0.373	0.376	-0.8	57	0.00
60	Diethylphthalate	1.499	1.467	2.1	56	-0.01
61	4-Chlorophenyl-phenylether	0.674	0.672	0.3	58	0.00
62	4-Nitroaniline	0.344	0.336	2.3	54	0.00
63	Azobenzene	1.378	1.285	6.7	53	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	60	0.00
65	4,6-Dinitro-2-methylphenol	0.126	0.125	0.8	57	0.00
66 c	n-Nitrosodiphenylamine	0.597	0.575	3.7	55	0.00
67	4-Bromophenyl-phenylether	0.219	0.228	-4.1	59	0.00
68	Hexachlorobenzene	0.260	0.277	-6.5	61	-0.01
69	Atrazine	0.152	0.140	7.9	69	-0.01
70 C	Pentachlorophenol	0.181	0.191	-5.5	58	-0.01
71	Phenanthrene	1.091	1.036	5.0	55	0.00
72	Anthracene	1.052	1.032	1.9	55	0.00
73	Carbazole	1.027	0.997	2.9	55	0.00
74	Di-n-butylphthalate	1.280	1.303	-1.8	56	-0.01
75 C	Fluoranthene	1.298	1.282	1.2	57	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	63	-0.01
77	Benzidine	0.254	0.197	22.4	29#	0.00
78	Pyrene	1.271	1.167	8.2	56	0.00
79 S	Terphenyl-d14	0.992	0.978	1.4	60	-0.01
80	Butylbenzylphthalate	0.544	0.545	-0.2	58	-0.01
81	Benzo(a)anthracene	1.243	1.199	3.5	59	0.00
82	3,3'-Dichlorobenzidine	0.436	0.430	1.4	56	-0.01
83	Chrysene	1.191	1.148	3.6	60	-0.01
84	Bis(2-ethylhexyl)phthalate	0.798	0.796	0.3	56	-0.02
85 c	Di-n-octyl phthalate	1.297	1.373	-5.9	59	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	68	-0.04
87	Indeno(1,2,3-cd)pyrene	1.388	1.369	1.4	64	-0.05
88	Benzo(b)fluoranthene	1.199	1.159	3.3	63	-0.02
89	Benzo(k)fluoranthene	1.158	1.069	7.7	60	-0.02
90 C	Benzo(a)pyrene	1.034	1.002	3.1	62	-0.03
91	Dibenzo(a,h)anthracene	1.152	1.123	2.5	63	-0.04
92	Benzo(g,h,i)perylene	1.173	1.146	2.3	64	-0.03

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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0