

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051219\
 Data File : BM020292.D
 Acq On : 12 May 2019 11:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 13 05:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 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	52	-0.03
2	1,4-Dioxane	0.600	0.685	-14.2	64	-0.02
3	Pyridine	1.535	1.739	-13.3	58	0.00
4	n-Nitrosodimethylamine	0.492	0.441	10.4	49#	-0.01
5 S	2-Fluorophenol	1.224	1.331	-8.7	59	-0.02
6	Aniline	2.104	2.165	-2.9	56	-0.03
7 S	Phenol-d6	1.672	1.736	-3.8	57	-0.02
8	2-Chlorophenol	1.332	1.413	-6.1	57	-0.02
9	Benzaldehyde	1.265	1.163	8.1	49#	-0.02
10 C	Phenol	1.799	1.874	-4.2	56	-0.02
11	bis(2-Chloroethyl)ether	1.308	1.339	-2.4	54	-0.02
12	1,3-Dichlorobenzene	1.550	1.617	-4.3	57	-0.03
13 C	1,4-Dichlorobenzene	1.566	1.647	-5.2	57	-0.03
14	1,2-Dichlorobenzene	1.492	1.541	-3.3	57	-0.03
15	Benzyl Alcohol	1.612	1.362	15.5	45#	-0.02
16	2,2'-oxybis(1-Chloropropane	1.084	1.054	2.8	50	-0.03
17	2-Methylphenol	1.158	1.147	0.9	53	-0.02
18	Hexachloroethane	0.653	0.651	0.3	55	-0.03
19 P	n-Nitroso-di-n-propylamine	1.430	1.259	12.0	46#	-0.03
20	3+4-Methylphenols	1.540	1.496	2.9	52	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	48#	-0.03
22	Acetophenone	0.547	0.543	0.7	50#	-0.02
23 S	Nitrobenzene-d5	0.507	0.508	-0.2	50	-0.03
24	Nitrobenzene	0.525	0.526	-0.2	50	-0.02
25	Isophorone	0.874	0.830	5.0	46#	-0.03
26 C	2-Nitrophenol	0.159	0.188	-18.2	59	-0.02
27	2,4-Dimethylphenol	0.264	0.256	3.0	49#	-0.03
28	bis(2-Chloroethoxy)methane	0.476	0.456	4.2	47#	-0.03
29 C	2,4-Dichlorophenol	0.333	0.331	0.6	50#	-0.02
30	1,2,4-Trichlorobenzene	0.410	0.412	-0.5	51	-0.03
31	Naphthalene	1.038	1.063	-2.4	51	-0.03
32	Benzoic acid	0.175	0.159	9.1	44#	-0.01
33	4-Chloroaniline	0.427	0.406	4.9	47#	-0.02
34 C	Hexachlorobutadiene	0.290	0.276	4.8	47#	-0.04
35	Caprolactam	0.100	0.108	-8.0	51	0.00
36 C	4-Chloro-3-methylphenol	0.391	0.370	5.4	46#	-0.02
37	2-Methylnaphthalene	0.757	0.743	1.8	48#	-0.03
38	1-Methylnaphthalene	0.740	0.731	1.2	49#	-0.03
39 I	Acenaphthene-d10	1.000	1.000	0.0	43#	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.782	0.796	-1.8	47#	-0.03
41 P	Hexachlorocyclopentadiene	0.461	0.409	11.3	41#	-0.03
42 S	2,4,6-Tribromophenol	0.310	0.331	-6.8	47#	-0.02
43 C	2,4,6-Trichlorophenol	0.445	0.469	-5.4	47#	-0.02
44	2,4,5-Trichlorophenol	0.497	0.494	0.6	45#	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
45 S	2-Fluorobiphenyl	1.626	1.628	-0.1	46#	-0.03
46	1,1'-Biphenyl	1.646	1.685	-2.4	46#	-0.03
47	2-Chloronaphthalene	1.314	1.363	-3.7	48#	-0.03
48	2-Nitroaniline	0.468	0.453	3.2	43#	-0.02
49	Acenaphthylene	2.103	2.182	-3.8	47#	-0.02
50	Dimethylphthalate	1.700	1.641	3.5	43#	-0.03
51	2,6-Dinitrotoluene	0.358	0.373	-4.2	46#	-0.02
52 C	Acenaphthene	1.206	1.253	-3.9	46#	-0.02
53	3-Nitroaniline	0.332	0.347	-4.5	46#	-0.02
54 P	2,4-Dinitrophenol	0.151	0.153	-1.3	46#	0.00
55	Dibenzofuran	2.035	2.070	-1.7	46#	-0.02
56 P	4-Nitrophenol	0.284	0.302	-6.3	46#	0.00
57	2,4-Dinitrotoluene	0.486	0.516	-6.2	46#	-0.02
58	Fluorene	1.671	1.695	-1.4	45#	-0.02
59	2,3,4,6-Tetrachlorophenol	0.472	0.479	-1.5	45#	-0.02
60	Diethylphthalate	1.713	1.580	7.8	40#	-0.03
61	4-Chlorophenyl-phenylether	0.947	0.920	2.9	44#	-0.02
62	4-Nitroaniline	0.367	0.366	0.3	43#	-0.02
63	Azobenzene	2.020	1.839	9.0	40#	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	42#	-0.02
65	4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	52	-0.02
66 c	n-Nitrosodiphenylamine	0.589	0.595	-1.0	44#	-0.02
67	4-Bromophenyl-phenylether	0.245	0.240	2.0	43#	-0.02
68	Hexachlorobenzene	0.282	0.281	0.4	43#	-0.02
69	Atrazine	0.230	0.202	12.2	38#	-0.02
70 C	Pentachlorophenol	0.161	0.175	-8.7	47#	-0.02
71	Phenanthrene	1.104	1.146	-3.8	46#	-0.02
72	Anthracene	1.104	1.145	-3.7	45#	-0.02
73	Carbazole	0.996	1.040	-4.4	46#	-0.02
74	Di-n-butylphthalate	1.199	1.120	6.6	40#	-0.02
75 C	Fluoranthene	1.397	1.477	-5.7	46#	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	45#	-0.02
77	Benzidine	0.639	0.547	14.4	39#	-0.02
78	Pyrene	1.343	1.365	-1.6	47#	-0.02
79 S	Terphenyl-d14	1.147	1.067	7.0	43#	-0.02
80	Butylbenzylphthalate	0.488	0.481	1.4	44#	-0.03
81	Benzo(a)anthracene	1.403	1.444	-2.9	48#	-0.02
82	3,3'-Dichlorobenzidine	0.535	0.535	0.0	45#	-0.01
83	Chrysene	1.360	1.411	-3.7	47#	-0.02
84	Bis(2-ethylhexyl)phthalate	0.758	0.663	12.5	39#	-0.03
85 c	Di-n-octyl phthalate	1.259	1.186	5.8	42#	-0.03
86	Indeno(1,2,3-cd)pyrene	1.618	1.948	-20.4	56	-0.02
87 I	Perylene-d12	1.000	1.000	0.0	51	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
88	Benzo(b)fluoranthene	1.321	1.262	4.5	50#	-0.02
89	Benzo(k)fluoranthene	1.205	1.205	0.0	52	-0.02
90 C	Benzo(a)pyrene	1.200	1.213	-1.1	53	-0.02
91	Dibenzo(a,h)anthracene	1.248	1.318	-5.6	56	-0.03
92	Benzo(q,h,i)perylene	1.184	1.292	-9.1	58	-0.03

(#) = Out of Range

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