

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061197.D
 Acq On : 14 May 2024 20:00
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: May 15 01:19:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 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	155#	-0.03
2	1,4-Dioxane	0.398	0.318	20.1	123	-0.02
3	Pyridine	1.170	0.911	22.1	114	-0.02
4	n-Nitrosodimethylamine	1.124	0.844	24.9	114	-0.02
5 S	2-Fluorophenol	0.983	0.950	3.4	144	-0.02
6	Aniline	1.442	1.170	18.9	125	-0.04
7 S	Phenol-d6	1.455	1.313	9.8	139	-0.02
8	2-Chlorophenol	1.206	1.085	10.0	137	-0.03
9	Benzaldehyde	0.820	0.800	2.4	155#	-0.03
10 C	Phenol	1.479	1.282	13.3	136	-0.02
11	bis(2-Chloroethyl)ether	1.022	0.929	9.1	143	-0.03
12	1,3-Dichlorobenzene	1.422	1.334	6.2	146	-0.04
13 C	1,4-Dichlorobenzene	1.470	1.328	9.7	138	-0.03
14	1,2-Dichlorobenzene	1.418	1.284	9.4	141	-0.03
15	Benzyl Alcohol	1.312	1.014	22.7	121	-0.02
16	2,2'-oxybis(1-Chloropropane	2.218	1.984	10.6	138	-0.04
17	2-Methylphenol	1.054	0.876	16.9	124	-0.02
18	Hexachloroethane	0.525	0.474	9.7	130	-0.04
19 P	n-Nitroso-di-n-propylamine	1.089	0.828	24.0	120	-0.04
20	3+4-Methylphenols	1.521	1.219	19.9	121	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	113	-0.03
22	Acetophenone	0.498	0.525	-5.4	121	-0.03
23 S	Nitrobenzene-d5	0.403	0.421	-4.5	123	-0.03
24	Nitrobenzene	0.395	0.404	-2.3	117	-0.03
25	Isophorone	0.746	0.694	7.0	111	-0.03
26 C	2-Nitrophenol	0.187	0.178	4.8	111	-0.03
27	2,4-Dimethylphenol	0.216	0.208	3.7	113	-0.03
28	bis(2-Chloroethoxy)methane	0.366	0.359	1.9	116	-0.03
29 C	2,4-Dichlorophenol	0.338	0.327	3.3	113	-0.03
30	1,2,4-Trichlorobenzene	0.407	0.408	-0.2	116	-0.03
31	Naphthalene	1.039	1.021	1.7	113	-0.03
32	Benzoic acid	0.249	0.150	39.8#	68	-0.01
33	4-Chloroaniline	0.415	0.364	12.3	102	-0.03
34 C	Hexachlorobutadiene	0.349	0.388	-11.2	132	-0.04
35	Caprolactam	0.122	0.087	28.7#	87	0.00
36 C	4-Chloro-3-methylphenol	0.407	0.348	14.5	98	-0.02
37	2-Methylnaphthalene	0.779	0.697	10.5	104	-0.03
38	1-Methylnaphthalene	0.784	0.680	13.3	104	-0.03
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.667	0.729	-9.3	105	-0.02
41 P	Hexachlorocyclopentadiene	0.256	0.031#	87.9#	11#	-0.02
42 S	2,4,6-Tribromophenol	0.400	0.343	14.2	83	-0.02
43 C	2,4,6-Trichlorophenol	0.429	0.438	-2.1	98	-0.02
44	2,4,5-Trichlorophenol	0.485	0.483	0.4	95	-0.02
45 S	2-Fluorobiphenyl	1.353	1.442	-6.6	102	-0.02
46	1,1'-Biphenyl	1.282	1.312	-2.3	99	-0.02
47	2-Chloronaphthalene	1.027	1.086	-5.7	101	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.381	0.374	1.8	95	-0.02
49	Acenaphthylene	1.577	1.632	-3.5	99	-0.02
50	Dimethylphthalate	1.545	1.401	9.3	89	-0.03
51	2,6-Dinitrotoluene	0.330	0.302	8.5	88	-0.02
52 C	Acenaphthene	0.984	0.949	3.6	93	-0.02
53	3-Nitroaniline	0.302	0.273	9.6	90	-0.02
54 P	2,4-Dinitrophenol	0.213	0.016#	92.5#	7#	0.00
55	Dibenzofuran	1.662	1.589	4.4	92	-0.02
56 P	4-Nitrophenol	0.244	0.190	22.1	74	0.00
57	2,4-Dinitrotoluene	0.489	0.414	15.3	81	-0.01
58	Fluorene	1.438	1.319	8.3	87	-0.02
59	2,3,4,6-Tetrachlorophenol	0.499	0.447	10.4	85	-0.02
60	Diethylphthalate	1.558	1.320	15.3	82	-0.02
61	4-Chlorophenyl-phenylether	0.863	0.789	8.6	89	-0.02
62	4-Nitroaniline	0.328	0.302	7.9	88	-0.02
63	Azobenzene	1.213	1.112	8.3	89	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	-0.02
65	4,6-Dinitro-2-methylphenol	0.124	0.020	83.9#	13#	-0.01
66 c	n-Nitrosodiphenylamine	0.496	0.510	-2.8	84	-0.02
67	4-Bromophenyl-phenylether	0.236	0.250	-5.9	85	-0.02
68	Hexachlorobenzene	0.293	0.299	-2.0	84	-0.02
69	Atrazine	0.205	0.187	8.8	75	-0.02
70 C	Pentachlorophenol	0.180	0.152	15.6	66	-0.02
71	Phenanthrene	0.914	0.896	2.0	79	-0.02
72	Anthracene	0.912	0.897	1.6	79	-0.02
73	Carbazole	0.802	0.783	2.4	78	-0.02
74	Di-n-butylphthalate	0.954	0.912	4.4	76	-0.03
75 C	Fluoranthene	1.253	1.196	4.5	77	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	82	-0.02
77	Benzydine	0.328	0.350	-6.7	69	-0.02
78	Pyrene	1.272	1.203	5.4	78	-0.02
79 S	Terphenyl-d14	1.203	1.139	5.3	79	-0.02
80	Butylbenzylphthalate	0.402	0.380	5.5	77	-0.02
81	Benzo(a)anthracene	1.309	1.241	5.2	79	-0.02
82	3,3'-Dichlorobenzidine	0.471	0.452	4.0	78	-0.02
83	Chrysene	1.226	1.180	3.8	80	-0.02
84	Bis(2-ethylhexyl)phthalate	0.526	0.538	-2.3	84	-0.03
85 c	Di-n-octyl phthalate	0.927	0.938	-1.2	82	-0.04
86 I	Perylene-d12	1.000	1.000	0.0	89	-0.04
87	Indeno(1,2,3-cd)pyrene	1.325	1.036	21.8	71	-0.04
88	Benzo(b)fluoranthene	1.118	0.990	11.4	81	-0.03
89	Benzo(k)fluoranthene	1.075	1.037	3.5	87	-0.03
90 C	Benzo(a)pyrene	0.974	0.884	9.2	83	-0.02
91	Dibenzo(a,h)anthracene	1.098	0.888	19.1	74	-0.06
92	Benzo(g,h,i)perylene	1.091	0.746	31.6#	62	-0.05

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(#) = Out of Range

SPCC's out = 2 CCC's out = 0