

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105003.D
 Acq On : 2 May 2018 00:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 01:20:16 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	98855	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	413870	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189247	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	317788	20.00	ng	0.00
75) Chrysene-d12	14.01	240	200891	20.00	ng	0.04
86) Perylene-d12	15.54	264	191895	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	475651	73.57	ng	0.00
7) Phenol-d6	6.43	99	567764	71.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	502443	79.27	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	138873	70.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	920462	76.84	ng	0.00
78) Terphenyl-d14	12.91	244	724845	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	103342	34.305	ng	# 85
3) Pyridine	3.19	79	285937	33.760	ng	# 82
4) n-Nitrosodimethylamine	3.16	42	90903	30.703	ng	# 75
6) Aniline	6.46	93	373821	33.872	ng	99
8) 2-Chlorophenol	6.57	128	254117	37.240	ng	96
9) Benzaldehyde	6.34	77	138498	32.357	ng	95
10) Phenol	6.45	94	312293	37.053	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	238090	35.399	ng	94
12) 1,3-Dichlorobenzene	6.73	146	290791	37.616	ng	98
13) 1,4-Dichlorobenzene	6.80	146	298684	38.760	ng	99
14) 1,2-Dichlorobenzene	6.96	146	277875	38.912	ng	98
15) Benzyl Alcohol	6.94	79	203943	33.803	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	275240	30.472	ng	79
17) 2-Methylphenol	7.05	107	216789	36.548	ng	96
18) Hexachloroethane	7.30	117	93460	34.016	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	167030	32.178	ng	89
20) 3+4-Methylphenols	7.20	107	274304	37.287	ng	# 55
22) Acetophenone	7.20	105	359357	35.268	ng	# 99
24) Nitrobenzene	7.38	77	262449	37.505	ng	96
25) Isophorone	7.62	82	447318	33.375	ng	99
26) 2-Nitrophenol	7.69	139	135888	47.700	ng	95
27) 2,4-Dimethylphenol	7.73	122	198026	33.478	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	283277	34.568	ng	99
29) 2,4-Dichlorophenol	7.94	162	210002	37.209	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	235485	38.018	ng	99
31) Naphthalene	8.10	128	749855	36.386	ng	99
32) Benzoic acid	7.86	122	99368	21.054	ng	95
33) 4-Chloroaniline	8.15	127	322845	36.566	ng	97
34) Hexachlorobutadiene	8.21	225	131183	38.666	ng	99
35) Caprolactam	8.53	113	67992	34.533	ng	# 75
36) 4-Chloro-3-methylphenol	8.64	107	220701	36.469	ng	97
37) 2-Methylnaphthalene	8.79	142	486977	36.531	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	216203	39.909	ng	98
40) Hexachlorocyclopentadiene	8.93	237	11062	3.647	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	139862	37.191	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	157775	37.492	ng	98
45) 1,1'-Biphenyl	9.25	154	602729	37.912	ng	99
46) 2-Chloronaphthalene	9.28	162	474997	37.826	ng	100
47) 2-Nitroaniline	9.38	65	136100	43.826	ng	97
48) Acenaphthylene	9.69	152	707329	35.901	ng	100
49) Dimethylphthalate	9.55	163	572456	38.359	ng	100
50) 2,6-Dinitrotoluene	9.63	165	121241	43.905	ng	# 82
51) Acenaphthene	9.87	154	413089	34.364	ng	99
52) 3-Nitroaniline	9.80	138	139905	43.276	ng	94
53) 2,4-Dinitrophenol	9.92	184	5891	12.542	ng	# 31
54) Dibenzofuran	10.04	168	579028	34.564	ng	99
55) 4-Nitrophenol	9.97	139	69279	27.281	ng	93
56) 2,4-Dinitrotoluene	10.03	165	142802	39.424	ng	95
57) Fluorene	10.38	166	478250	39.221	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	100850	32.122	ng	95
59) Diethylphthalate	10.25	149	540137	36.341	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	224103	41.268	ng	94
61) 4-Nitroaniline	10.41	138	137378	43.461	ng	96
62) Azobenzene	10.53	77	462186	32.549	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	20780	18.718	ng	# 75
65) n-Nitrosodiphenylamine	10.49	169	431984	39.205	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	133956	39.629	ng	93
67) Hexachlorobenzene	10.93	284	148226	38.971	ng	# 87
68) Atrazine	11.02	200	119952	36.066	ng	100
69) Pentachlorophenol	11.13	266	66369	28.206	ng	94
70) Phenanthrene	11.34	178	632408	35.735	ng	99
71) Anthracene	11.40	178	641301	35.648	ng	99
72) Carbazole	11.56	167	600460	34.158	ng	100
73) Di-n-butylphthalate	11.88	149	803950	37.439	ng	99
74) Fluoranthene	12.54	202	569968	30.825	ng	97
76) Benzidine	12.67	184	253331	36.192	ng	99
77) Pyrene	12.77	202	562451	37.772	ng	100
79) Butylbenzylphthalate	13.39	149	285884	40.752	ng	94
80) Benzo(a)anthracene	14.00	228	463572	38.626	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	169262	37.826	ng	98
82) Chrysene	14.03	228	450164	36.518	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	408385	45.259	ng	98
84) Di-n-octyl phthalate	14.64	149	599585	39.768	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.03	276	398754	38.079	ng	96
87) Benzo(b)fluoranthene	15.12	252	429993	35.479	ng	99
88) Benzo(k)fluoranthene	15.14	252	443999	38.804	ng	98
89) Benzo(a)pyrene	15.49	252	404471	37.299	ng	100
90) Dibenzo(a,h)anthracene	17.04	278	343251	38.540	ng	97
91) Benzo(g,h,i)perylene	17.47	276	310978	36.040	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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