

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045670.D
 Acq On : 9 Jun 2020 19:08
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 09 19:43:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59203	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	236986	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	167175	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	387529	20.00	ng	0.00
76) Chrysene-d12	21.60	240	347617	20.00	ng	0.00
87) Perylene-d12	24.74	264	379858	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	271150	89.51	ng	0.00
7) Phenol-d6	7.14	99	395260	91.67	ng	0.00
23) Nitrobenzene-d5	9.11	82	390192	89.78	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	179927	84.16	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	880677	89.36	ng	0.00
79) Terphenyl-d14	19.96	244	1382614	92.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	63473	42.25	ng	96
3) Pyridine	3.81	79	180125	43.05	ng	96
4) n-Nitrosodimethylamine	3.72	42	62670	45.78	ng	83
6) Aniline	7.27	93	243589	43.28	ng	98
8) 2-Chlorophenol	7.53	128	148848	44.81	ng	98
9) Benzaldehyde	7.08	77	110378	39.29	ng	97
10) Phenol	7.17	94	202603	45.59	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	152331	43.95	ng	98
12) 1,3-Dichlorobenzene	7.84	146	176180	44.13	ng	96
13) 1,4-Dichlorobenzene	7.98	146	179419	45.54	ng	97
14) 1,2-Dichlorobenzene	8.31	146	168014	44.34	ng	93
15) Benzyl Alcohol	8.20	79	166285	46.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	143247	43.54	ng	98
17) 2-Methylphenol	8.42	107	149884	45.06	ng	96
18) Hexachloroethane	9.04	117	67266	44.58	ng	89
19) n-Nitroso-di-n-propylamine	8.76	70	135096	45.31	ng	97
20) 3+4-Methylphenols	8.75	107	208336	46.00	ng	92
22) Acetophenone	8.77	105	244557	43.54	ng	95
24) Nitrobenzene	9.15	77	207387	44.54	ng	94
25) Isophorone	9.68	82	377846	44.15	ng	98
26) 2-Nitrophenol	9.87	139	89460	44.91	ng	95
27) 2,4-Dimethylphenol	9.95	122	131047	44.36	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	198691	44.27	ng	100
29) 2,4-Dichlorophenol	10.42	162	160531	46.02	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	188166	45.65	ng	98
31) Naphthalene	10.80	128	488160	44.20	ng	99
32) Benzoic acid	10.12	122	73570	38.99	ng	92
33) 4-Chloroaniline	10.92	127	207317	44.91	ng	98
34) Hexachlorobutadiene	11.10	225	134872	46.29	ng	99
35) Caprolactam	11.70	113	53963	42.14	ng	83
36) 4-Chloro-3-methylphenol	12.07	107	180295	45.86	ng	93
37) 2-Methylnaphthalene	12.41	142	369956	44.95	ng	97
38) 1-Methylnaphthalene	12.64	142	344756	44.34	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	207593	44.46	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	98806	36.66	ng	96
43) 2,4,6-Trichlorophenol	13.04	196	144305	44.49	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	159098	42.92	ng	96
46) 1,1'-Biphenyl	13.42	154	449704	43.78	ng	100
47) 2-Chloronaphthalene	13.47	162	364692	43.72	ng	99
48) 2-Nitroaniline	13.67	65	122934	44.80	ng	95
49) Acenaphthylene	14.32	152	584844	43.65	ng	99
50) Dimethylphthalate	14.05	163	487738	42.53	ng	99
51) 2,6-Dinitrotoluene	14.17	165	110438	42.68	ng	95
52) Acenaphthene	14.66	154	348459	38.85	ng	99
53) 3-Nitroaniline	14.50	138	110776	42.11	ng	96
54) 2,4-Dinitrophenol	14.72	184	51658	33.85	ng	98
55) Dibenzofuran	14.99	168	577622	43.37	ng	96
56) 4-Nitrophenol	14.85	139	67518	33.90	ng	82
57) 2,4-Dinitrotoluene	14.96	165	158161	42.20	ng	95
58) Fluorene	15.64	166	478510	43.73	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.23	232	131741	40.40	ng	99
60) Diethylphthalate	15.41	149	499998	41.89	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	273907	43.75	ng	99
62) 4-Nitroaniline	15.67	138	112841	41.09	ng	94
63) Azobenzene	15.93	77	476611	42.82	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	90921	40.28	ng	96
66) n-Nitrosodiphenylamine	15.85	169	418282	44.95	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	192469	45.87	ng	98
68) Hexachlorobenzene	16.65	284	199708	45.50	ng	97
69) Atrazine	16.80	200	150323	39.22	ng	99
70) Pentachlorophenol	17.01	266	72225	31.69	ng	100
71) Phenanthrene	17.38	178	752154	44.46	ng	100
72) Anthracene	17.48	178	744427	43.82	ng	99
73) Carbazole	17.75	167	705437	42.60	ng	99
74) Di-n-butylphthalate	18.31	149	835315	42.02	ng	99
75) Fluoranthene	19.40	202	895950	41.64	ng	99
77) Benzidine	19.57	184	298511	30.58	ng	98
78) Pyrene	19.76	202	898114	45.32	ng	99
80) Butylbenzylphthalate	20.64	149	367916	43.02	ng	97
81) Benzo(a)anthracene	21.58	228	871584	45.01	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	319454	42.06	ng	100
83) Chrysene	21.65	228	839678	45.10	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	503488	42.82	ng	100
85) Di-n-octyl phthalate	22.68	149	859769	42.58	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1037371	42.60	ng	# 98
88) Benzo(b)fluoranthene	23.76	252	910857	44.71	ng	100
89) Benzo(k)fluoranthene	23.82	252	871176	45.52	ng	97
90) Benzo(a)pyrene	24.60	252	851729	44.89	ng	100
91) Dibenzo(a,h)anthracene	28.38	278	839853	44.05	ng	98
92) Benzo(g,h,i)perylene	29.43	276	793861	41.63	ng	96

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

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