Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042937.D
Acq On : 26 Sep 2019 15:45
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 26 18:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53514	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	222966	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	167847	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	407464	20.00	ng		0.00
76) Chrysene-d12	21.71	240	462549	20.00	ng		0.00
87) Perylene-d12	24.94	264	516891	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	247551	82.55	ng		0.00
7) Phenol-d6	7.24	99	351511	81.40	ng		0.00
23) Nitrobenzene-d5	9.23	82	362665	79.06	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	233954	81.06	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	923584	79.77	ng		0.00
79) Terphenyl-d14	20.04	244	1825842	84.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49650	39.713	ng		97
3) Pyridine	3.95	79	143596	40.837	ng		97
4) n-Nitrosodimethylamine	3.86	42	74941	44.318	ng		97
6) Aniline	7.40	93	214567	41.163	ng		99
8) 2-Chlorophenol	7.64	128	126459	40.439	ng		99
9) Benzaldehyde	7.21	77	104474	39.593	ng		96
10) Phenol	7.27	94	157873	39.849	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	122773	40.052	ng		92
12) 1,3-Dichlorobenzene	7.96	146	160990	40.356	ng		97
13) 1,4-Dichlorobenzene	8.11	146	160221	40.289	ng		98
14) 1,2-Dichlorobenzene	8.43	146	152218	40.204	ng		96
15) Benzyl Alcohol	8.31	79	133897	41.243	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	246457	41.865	ng		99
17) 2-Methylphenol	8.52	107	111883	40.360	ng	#	91
18) Hexachloroethane	9.16	117	59059	39.433	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	115824	40.849	ng		95
20) 3+4-Methylphenols	8.85	107	154336	40.626	ng		94
22) Acetophenone	8.89	105	223138	38.824	ng	#	98
24) Nitrobenzene	9.27	77	174130	39.796	ng		97
25) Isophorone	9.80	82	322571	40.032	ng		97
26) 2-Nitrophenol	9.99	139	73585	39.505	ng		98
27) 2,4-Dimethylphenol	10.05	122	112281	39.252	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	179659	39.298	ng		99
29) 2,4-Dichlorophenol	10.53	162	144150	40.518	ng		100
30) 1,2,4-Trichlorobenzene	10.74	180	183489	39.939	ng		93
31) Naphthalene	10.93	128	431278	39.294	ng		98
32) Benzoic acid	10.19	122	85817	40.013	ng	#	84
33) 4-Chloroaniline	11.04	127	191789	40.269	ng		98
34) Hexachlorobutadiene	11.22	225	137529	39.980	ng		93
35) Caprolactam	11.81	113	50798	40.489	ng		90
36) 4-Chloro-3-methylphenol	12.15	107	158139	40.882	ng		98
37) 2-Methylnaphthalene	12.52	142	333828	39.869	ng		99
38) 1-Methylnaphthalene	12.75	142	317722	40.102	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	241423	38.255	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	153490	38.172 ng		95
43) 2,4,6-Trichlorophenol	13.13	196	146344	39.619 ng		100
44) 2,4,5-Trichlorophenol	13.21	196	147982	38.890 ng		95
46) 1,1'-Biphenyl	13.53	154	492406	38.685 ng		99
47) 2-Chloronaphthalene	13.58	162	370926	38.868 ng		99
48) 2-Nitroaniline	13.78	65	126981	40.012 ng		90
49) Acenaphthylene	14.42	152	576736	39.495 ng		98
50) Dimethylphthalate	14.15	163	498157	39.611 ng		99
51) 2,6-Dinitrotoluene	14.26	165	108749	40.606 ng		96
52) Acenaphthene	14.76	154	401691	41.097 ng		99
53) 3-Nitroaniline	14.60	138	112395	40.609 ng	#	93
54) 2,4-Dinitrophenol	14.79	184	69692	41.864 ng		98
55) Dibenzofuran	15.09	168	578793	40.030 ng		98
56) 4-Nitrophenol	14.90	139	84414	40.028 ng		98
57) 2,4-Dinitrotoluene	15.05	165	158499	40.413 ng		98
58) Fluorene	15.74	166	492932	39.932 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	166372	41.064 ng		99
60) Diethylphthalate	15.51	149	510096	39.855 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	292637	39.528 ng		98
62) 4-Nitroaniline	15.76	138	119286	39.517 ng		88
63) Azobenzene	16.03	77	471534	40.467 ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	92798	40.247 ng		98
66) n-Nitrosodiphenylamine	15.94	169	438657	40.781 ng		98
67) 4-Bromophenyl-phenylether	16.62	248	210055	41.074 ng		100
68) Hexachlorobenzene	16.75	284	231374	40.633 ng		99
69) Atrazine	16.90	200	182165	40.217 ng		92
70) Pentachlorophenol	17.09	266	133835	40.733 ng		99
71) Phenanthrene	17.48	178	813182	40.879 ng		98
72) Anthracene	17.57	178	804567	40.514 ng		99
73) Carbazole	17.84	167	747220	40.575 ng		100
74) Di-n-butylphthalate	18.40	149	899888	40.956 ng		99
75) Fluoranthene	19.49	202	1072220	40.751 ng		99
77) Benzidine	19.66	184	479156	41.372 ng		99
78) Pyrene	19.84	202	1092691	39.579 ng		99
80) Butylbenzylphthalate	20.73	149	407537	38.890 ng		97
81) Benzo(a)anthracene	21.69	228	1148973	39.866 ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	437070	38.665 ng		98
83) Chrysene	21.76	228	1102542	39.421 ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	579686	38.876 ng		100
85) Di-n-octyl phthalate	22.82	149	960810	39.405 ng		100
86) Indeno(1,2,3-cd)pyrene	28.63	276	1364088	39.177 ng		99
88) Benzo(b)fluoranthene	23.92	252	1170973	40.037 ng		98
89) Benzo(k)fluoranthene	23.99	252	1148103	39.681 ng		98
90) Benzo(a)pyrene	24.79	252	1106973	40.117 ng		99
91) Dibenzo(a,h)anthracene	28.69	278	1134291	40.088 ng		99
92) Benzo(g,h,i)perylene	29.77	276	1092938	39.866 ng		98

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

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