Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044195.D
Acq On : 25 Jan 2020 00:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 27 00:47:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	103317	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	444001	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	282556	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	576244	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	493238	20.00	ng		-0.03
87) Perylene-d12	24.67	264	566241	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	494093	87.81	ng		-0.03
7) Phenol-d6	7.10	99	686891	87.33	ng		-0.02
23) Nitrobenzene-d5	9.09	82	644755	77.68	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	256257	86.66	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1377548	88.33	ng		-0.03
79) Terphenyl-d14	19.92	244	1838615	91.75	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	101753	41.474	ng		97
3) Pyridine	3.80	79	299413	41.310	ng		96
4) n-Nitrosodimethylamine	3.71	42	128949	39.961	ng		100
6) Aniline	7.25	93	418885	40.547	ng		99
8) 2-Chlorophenol	7.50	128	279408	42.297	ng		97
9) Benzaldehyde	7.06	77	178496	35.458	ng		100
10) Phenol	7.13	94	349778	43.162	ng		100
11) bis(2-Chloroethyl)ether	7.35	93	282975	40.452	ng		99
12) 1,3-Dichlorobenzene	7.82	146	320125	41.412	ng		99
13) 1,4-Dichlorobenzene	7.97	146	322060	42.225	ng		98
14) 1,2-Dichlorobenzene	8.28	146	305748	41.763	ng		99
15) Benzyl Alcohol	8.17	79	253443	40.828	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	408696	37.764	ng		99
17) 2-Methylphenol	8.38	107	247865	42.266	ng		96
18) Hexachloroethane	9.02	117	124843	42.065	ng		100
19) n-Nitroso-di-n-propylamine	8.74	70	232152	39.633	ng		97
20) 3+4-Methylphenols	8.71	107	342068	41.812	ng		99
22) Acetophenone	8.75	105	439340	39.802	ng	#	98
24) Nitrobenzene	9.13	77	319026	38.810	ng		99
25) Isophorone	9.65	82	611154	39.249	ng		100
26) 2-Nitrophenol	9.84	139	167516	43.073	ng		98
27) 2,4-Dimethylphenol	9.91	122	238462	40.733	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	408466	39.348	ng		98
29) 2,4-Dichlorophenol	10.38	162	287140	41.119	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	318243	40.645	ng		99
31) Naphthalene	10.78	128	900184	41.897	ng		99
32) Benzoic acid	10.06	122	135931	31.054	ng		92
33) 4-Chloroaniline	10.89	127	403950	39.417	ng		99
34) Hexachlorobutadiene	11.08	225	193456	40.467	ng		97
35) Caprolactam	11.66	113	103533	39.826	ng		96
36) 4-Chloro-3-methylphenol	12.02	107	311714	41.931	ng		97
37) 2-Methylnaphthalene	12.39	142	671577	41.517	ng		98
38) 1-Methylnaphthalene	12.61	142	631296	41.178	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	341234	41.203	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	159778	37.213 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	231897	40.694 ng	96
44) 2,4,5-Trichlorophenol	13.07	196	240521	40.924 ng	98
46) 1,1'-Biphenyl	13.40	154	862474	42.573 ng	99
47) 2-Chloronaphthalene	13.44	162	686348	41.926 ng	98
48) 2-Nitroaniline	13.64	65	214203	40.677 ng	97
49) Acenaphthylene	14.29	152	1011631	42.995 ng	97
50) Dimethylphthalate	14.02	163	845695	42.153 ng	98
51) 2,6-Dinitrotoluene	14.14	165	186108	41.042 ng	97
52) Acenaphthene	14.63	154	648452	39.298 ng	99
53) 3-Nitroaniline	14.47	138	206573	40.116 ng	97
54) 2,4-Dinitrophenol	14.67	184	88252	41.066 ng	100
55) Dibenzofuran	14.96	168	976135	42.973 ng	98
56) 4-Nitrophenol	14.78	139	152668	38.689 ng	95
57) 2,4-Dinitrotoluene	14.92	165	262448	42.535 ng	100
58) Fluorene	15.61	166	761475	42.295 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197827	39.144 ng	98
60) Diethylphthalate	15.39	149	852706	42.494 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	403512	41.275 ng	99
62) 4-Nitroaniline	15.63	138	210037	41.304 ng	96
63) Azobenzene	15.90	77	771072	41.434 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	130783	44.411 ng	98
66) n-Nitrosodiphenylamine	15.82	169	703539	41.459 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	263688	40.686 ng	99
68) Hexachlorobenzene	16.62	284	286918	41.085 ng	97
69) Atrazine	16.77	200	221826	40.215 ng	99
70) Pentachlorophenol	16.97	266	135190	35.118 ng	97
71) Phenanthrene	17.35	178	1187773	42.974 ng	98
72) Anthracene	17.44	178	1166340	42.698 ng	97
73) Carbazole	17.71	167	1069496	42.386 ng	97
74) Di-n-butylphthalate	18.28	149	1357401	42.135 ng	97
75) Fluoranthene	19.36	202	1332310	42.149 ng	97
77) Benzidine	19.54	184	439571	35.455 ng	98
78) Pyrene	19.72	202	1348332	41.879 ng	97
80) Butylbenzylphthalate	20.61	149	655496	42.764 ng	98
81) Benzo(a)anthracene	21.54	228	1292459	42.259 ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	480385	39.757 ng	97
83) Chrysene	21.60	228	1246338	42.887 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	889719	42.068 ng	98
85) Di-n-octyl phthalate	22.64	149	1553147	43.682 ng	98
86) Indeno(1,2,3-cd)pyrene	28.18	276	1615317	40.900 ng	99
88) Benzo(b)fluoranthene	23.68	252	1361305	40.667 ng	98
89) Benzo(k)fluoranthene	23.75	252	1349724	42.401 ng	98
90) Benzo(a)pyrene	24.52	252	1302912	41.239 ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1300676	40.992 ng	98
92) Benzo(g,h,i)perylene	29.28	276	1297035	41.152 ng	97

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

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