Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG041003.D
Acq On : 1 Jun 2019 8:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 03 01:28:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56381	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	228338	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	160183	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	406018	20.00	ng		0.00
76) Chrysene-d12	21.78	240	400053	20.00	ng		0.00
87) Perylene-d12	25.12	264	435695	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	244394	78.16	ng		0.00
7) Phenol-d6	7.26	99	360823	74.72	ng		0.00
23) Nitrobenzene-d5	9.30	82	419230	81.51	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	195078	82.03	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	918479	82.57	ng		-0.01
79) Terphenyl-d14	20.09	244	1571151	83.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	51036	35.971	ng		95
3) Pyridine	3.93	79	162662	38.745	ng		96
4) n-Nitrosodimethylamine	3.85	42	77753	39.905	ng		91
6) Aniline	7.44	93	247051	38.329	ng		95
8) 2-Chlorophenol	7.68	128	139942	37.542	ng		95
9) Benzaldehyde	7.26	77	113574	39.428	ng		86
10) Phenol	7.29	94	191790	37.043	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	140993	37.538	ng		99
12) 1,3-Dichlorobenzene	8.01	146	175467	39.412	ng		95
13) 1,4-Dichlorobenzene	8.16	146	176956	39.267	ng		97
14) 1,2-Dichlorobenzene	8.48	146	173352	39.618	ng		100
15) Benzyl Alcohol	8.35	79	169143	37.866	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	239521	39.025	ng		99
17) 2-Methylphenol	8.55	107	138887	37.049	ng		99
18) Hexachloroethane	9.21	117	69523	40.027	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	140829	37.897	ng		99
20) 3+4-Methylphenols	8.88	107	188399	36.281	ng		98
22) Acetophenone	8.95	105	259551	40.521	ng	#	98
24) Nitrobenzene	9.34	77	212087	40.462	ng		99
25) Isophorone	9.86	82	385359	39.369	ng		99
26) 2-Nitrophenol	10.05	139	89135	41.249	ng		90
27) 2,4-Dimethylphenol	10.09	122	136849	38.346	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	208893	39.540	ng		97
29) 2,4-Dichlorophenol	10.58	162	172615	38.088	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	207113	40.173	ng		99
31) Naphthalene	10.99	128	486353	39.671	ng		98
32) Benzoic acid	10.22	122	104933	39.539	ng		91
33) 4-Chloroaniline	11.10	127	217574	38.249	ng		97
34) Hexachlorobutadiene	11.26	225	162862	41.286	ng		97
35) Caprolactam	11.89	113	55625	37.168	ng	#	82
36) 4-Chloro-3-methylphenol	12.20	107	188665	36.451	ng		96
37) 2-Methylnaphthalene	12.59	142	361284	38.263	ng		98
38) 1-Methylnaphthalene	12.81	142	335793	37.739	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	269818	41.792	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	128082	41.342 ng		99
43) 2,4,6-Trichlorophenol	13.18	196	170286	40.771 ng		95
44) 2,4,5-Trichlorophenol	13.26	196	177822	40.370 ng		98
46) 1,1'-Biphenyl	13.58	154	482765	40.715 ng		97
47) 2-Chloronaphthalene	13.64	162	415891	40.857 ng		98
48) 2-Nitroaniline	13.84	65	153571	42.054 ng		98
49) Acenaphthylene	14.48	152	613486	40.044 ng		99
50) Dimethylphthalate	14.20	163	540239	39.842 ng		98
51) 2,6-Dinitrotoluene	14.33	165	116642	39.897 ng		96
52) Acenaphthene	14.82	154	368179	39.671 ng		96
53) 3-Nitroaniline	14.67	138	119190	40.770 ng		100
54) 2,4-Dinitrophenol	14.86	184	57631	47.410 ng		94
55) Dibenzofuran	15.15	168	619299	39.657 ng		98
56) 4-Nitrophenol	14.95	139	88906	44.337 ng		87
57) 2,4-Dinitrotoluene	15.11	165	167629	40.591 ng	#	97
58) Fluorene	15.79	166	489870	39.389 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	175115	40.453 ng		99
60) Diethylphthalate	15.55	149	547362	39.555 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	316941	39.208 ng		97
62) 4-Nitroaniline	15.83	138	130158	42.054 ng		96
63) Azobenzene	16.08	77	498510	39.636 ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	87680	41.678 ng		93
66) n-Nitrosodiphenylamine	16.00	169	444671	38.960 ng		98
67) 4-Bromophenyl-phenylether	16.67	248	210620	38.439 ng		97
68) Hexachlorobenzene	16.79	284	222516	38.137 ng		98
69) Atrazine	16.94	200	187193	42.505 ng		98
70) Pentachlorophenol	17.13	266	131953	44.226 ng		96
71) Phenanthrene	17.54	178	845879	39.996 ng		99
72) Anthracene	17.63	178	839490	40.247 ng		100
73) Carbazole	17.90	167	744011	41.571 ng		99
74) Di-n-butylphthalate	18.43	149	906256	40.741 ng		98
75) Fluoranthene	19.54	202	1056375	40.439 ng		100
77) Benzidine	19.72	184	456766	47.862 ng		98
78) Pyrene	19.91	202	1073753	41.288 ng		99
80) Butylbenzylphthalate	20.77	149	420184	41.518 ng		98
81) Benzo(a)anthracene	21.76	228	1086994	40.818 ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	397341	42.422 ng		97
83) Chrysene	21.83	228	1043400	40.944 ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	574691	40.338 ng		98
85) Di-n-octyl phthalate	22.87	149	968694	40.826 ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1251617	40.094 ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1069845	40.484 ng		99
89) Benzo(k)fluoranthene	24.12	252	1019562	38.988 ng		98
90) Benzo(a)pyrene	24.96	252	1014864	40.252 ng	#	96
91) Dibenzo(a,h)anthracene	29.02	278	1017530	40.390 ng		99
92) Benzo(g,h,i)perylene	30.16	276	1004866	41.056 ng		99

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

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