Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041865.D
Acq On : 1 Aug 2019 16:12
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 02 01:32:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86449	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	375834	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	281913	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	644973	20.00	ng		0.00
76) Chrysene-d12	21.74	240	626880	20.00	ng		0.00
87) Perylene-d12	25.00	264	737244	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	352487	79.33	ng		0.00
7) Phenol-d6	7.19	99	488134	81.49	ng		0.00
23) Nitrobenzene-d5	9.21	82	464440	85.04	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	288110	89.97	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1287388	80.54	ng		0.00
79) Terphenyl-d14	20.06	244	2093146	76.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	74759	35.747	ng		92
3) Pyridine	3.87	79	214722	37.441	ng		87
4) n-Nitrosodimethylamine	3.78	42	87507	38.491	ng	#	94
6) Aniline	7.36	93	331286	39.276	ng		96
8) 2-Chlorophenol	7.60	128	205737	40.436	ng		94
9) Benzaldehyde	7.17	77	160706	38.127	ng		93
10) Phenol	7.22	94	251672	40.384	ng		100
11) bis(2-Chloroethyl)ether	7.45	93	195702	38.199	ng		94
12) 1,3-Dichlorobenzene	7.93	146	263410	39.667	ng		96
13) 1,4-Dichlorobenzene	8.08	146	261477	39.352	ng		99
14) 1,2-Dichlorobenzene	8.40	146	248817	39.244	ng		98
15) Benzyl Alcohol	8.28	79	192510	40.849	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	353033	38.732	ng		97
17) 2-Methylphenol	8.48	107	182835	40.341	ng		99
18) Hexachloroethane	9.14	117	93303	41.005	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	172827	39.740	ng		93
20) 3+4-Methylphenols	8.81	107	255945	41.267	ng		99
22) Acetophenone	8.87	105	329409	39.185	ng	#	93
24) Nitrobenzene	9.25	77	240832	41.857	ng		98
25) Isophorone	9.78	82	477947	40.230	ng		99
26) 2-Nitrophenol	9.97	139	130692	48.942	ng		95
27) 2,4-Dimethylphenol	10.03	122	193879	41.138	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	294984	39.733	ng		99
29) 2,4-Dichlorophenol	10.51	162	246902	43.019	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	295280	40.571	ng		97
31) Naphthalene	10.92	128	685747	39.867	ng		97
32) Benzoic acid	10.16	122	141792	43.184	ng		98
33) 4-Chloroaniline	11.01	127	327289	40.123	ng		96
34) Hexachlorobutadiene	11.21	225	198542	40.420	ng		99
35) Caprolactam	11.80	113	89790	45.017	ng	#	75
36) 4-Chloro-3-methylphenol	12.14	107	246207	43.270	ng		97
37) 2-Methylnaphthalene	12.52	142	559019	41.059	ng		98
38) 1-Methylnaphthalene	12.75	142	531197	41.170	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	352955	39.552	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	212562	42.367 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	241222	42.769 ng		99
44) 2,4,5-Trichlorophenol	13.20	196	256115	43.697 ng		94
46) 1,1'-Biphenyl	13.53	154	716588	39.542 ng		97
47) 2-Chloronaphthalene	13.58	162	613779	39.781 ng		97
48) 2-Nitroaniline	13.77	65	181130	46.287 ng		92
49) Acenaphthylene	14.42	152	931816	40.374 ng		97
50) Dimethylphthalate	14.15	163	813741	42.265 ng		99
51) 2,6-Dinitrotoluene	14.26	165	186403	46.301 ng		88
52) Acenaphthene	14.76	154	614206	40.918 ng		99
53) 3-Nitroaniline	14.59	138	192876	44.782 ng	#	90
54) 2,4-Dinitrophenol	14.80	184	104254	50.059 ng		87
55) Dibenzofuran	15.10	168	937473	40.831 ng		95
56) 4-Nitrophenol	14.90	139	146372	44.771 ng		93
57) 2,4-Dinitrotoluene	15.05	165	267982	48.403 ng		92
58) Fluorene	15.75	166	758939	41.190 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	257629	44.380 ng		92
60) Diethylphthalate	15.51	149	795477	42.083 ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	462679	41.133 ng		94
62) 4-Nitroaniline	15.76	138	203133	43.543 ng		98
63) Azobenzene	16.03	77	614646	39.806 ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	150192	47.638 ng		85
66) n-Nitrosodiphenylamine	15.95	169	702195	39.969 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	318070	40.035 ng		98
68) Hexachlorobenzene	16.76	284	330950	39.818 ng		94
69) Atrazine	16.90	200	285014	41.290 ng		99
70) Pentachlorophenol	17.10	266	208226	44.100 ng		97
71) Phenanthrene	17.49	178	1255123	40.599 ng		97
72) Anthracene	17.58	178	1247482	40.459 ng		96
73) Carbazole	17.85	167	1123391	40.594 ng		95
74) Di-n-butylphthalate	18.42	149	1334892	42.548 ng		96
75) Fluoranthene	19.50	202	1541689	41.026 ng		93
77) Benzidine	19.67	184	774576	37.855 ng		99
78) Pyrene	19.86	202	1535317	41.337 ng		94
80) Butylbenzylphthalate	20.75	149	615418	43.217 ng		92
81) Benzo(a)anthracene	21.71	228	1511156	40.744 ng		95
82) 3,3'-Dichlorobenzidine	21.62	252	614415	41.261 ng		98
83) Chrysene	21.78	228	1443410	40.599 ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	844081	42.971 ng		98
85) Di-n-octyl phthalate	22.86	149	1453526	43.969 ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1897804	40.324 ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1604741	39.790 ng	#	95
89) Benzo(k)fluoranthene	24.04	252	1603665	40.820 ng	#	97
90) Benzo(a)pyrene	24.85	252	1559484	40.318 ng		96
91) Dibenzo(a,h)anthracene	28.81	278	1524283	40.134 ng	#	96
92) Benzo(g,h,i)perylene	29.90	276	1514921	39.924 ng	#	94

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

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