Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041278.D
Acq On : 17 Jun 2019 19:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 01:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35761	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	150630	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	106345	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	261966	20.00	ng		0.00
76) Chrysene-d12	21.74	240	251989	20.00	ng		0.00
87) Perylene-d12	25.05	264	273122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	159098	81.75	ng		0.00
7) Phenol-d6	7.23	99	232203	82.31	ng		0.00
23) Nitrobenzene-d5	9.26	82	282274	78.81	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	126026	77.19	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	634048	81.04	ng		0.00
79) Terphenyl-d14	20.06	244	1063085	83.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	36653	37.556	ng		97
3) Pyridine	3.89	79	101990	39.393	ng		95
4) n-Nitrosodimethylamine	3.82	42	51472	37.280	ng		88
6) Aniline	7.41	93	158858	40.511	ng		100
8) 2-Chlorophenol	7.64	128	94534	41.338	ng		96
9) Benzaldehyde	7.22	77	74768	41.436	ng		91
10) Phenol	7.26	94	124247	40.955	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	93017	40.410	ng		99
12) 1,3-Dichlorobenzene	7.97	146	117319	40.972	ng		98
13) 1,4-Dichlorobenzene	8.12	146	118152	40.395	ng		92
14) 1,2-Dichlorobenzene	8.44	146	115757	41.435	ng		94
15) Benzyl Alcohol	8.33	79	107323	39.706	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	152775	40.544	ng		98
17) 2-Methylphenol	8.52	107	90146	41.563	ng		96
18) Hexachloroethane	9.16	117	46995	40.545	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	91114	39.932	ng		97
20) 3+4-Methylphenols	8.85	107	119183	41.279	ng		95
22) Acetophenone	8.92	105	167882	38.300	ng	#	97
24) Nitrobenzene	9.31	77	141531	39.291	ng		98
25) Isophorone	9.82	82	254400	38.716	ng		100
26) 2-Nitrophenol	10.02	139	58690	40.188	ng		93
27) 2,4-Dimethylphenol	10.06	122	83868	38.313	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	135834	39.674	ng		98
29) 2,4-Dichlorophenol	10.55	162	113225	41.715	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	141032	40.571	ng		98
31) Naphthalene	10.96	128	327150	39.962	ng		98
32) Benzoic acid	10.21	122	60998	42.805	ng		96
33) 4-Chloroaniline	11.07	127	139148	40.022	ng		95
34) Hexachlorobutadiene	11.22	225	107253	38.870	ng		94
35) Caprolactam	11.86	113	35330	37.810	ng	#	92
36) 4-Chloro-3-methylphenol	12.18	107	126459	40.336	ng		98
37) 2-Methylnaphthalene	12.55	142	239037	39.644	ng		98
38) 1-Methylnaphthalene	12.77	142	229123	39.717	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	181382	41.305	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	69891	23.628 ng		99
43) 2,4,6-Trichlorophenol	13.16	196	113843	41.908 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	113669	40.667 ng		96
46) 1,1'-Biphenyl	13.56	154	325595	40.499 ng		98
47) 2-Chloronaphthalene	13.60	162	288411	41.668 ng		99
48) 2-Nitroaniline	13.81	65	100651	39.705 ng		91
49) Acenaphthylene	14.44	152	421577	40.137 ng		99
50) Dimethylphthalate	14.17	163	360495	38.099 ng		100
51) 2,6-Dinitrotoluene	14.30	165	78089	39.140 ng		97
52) Acenaphthene	14.78	154	247123	40.067 ng		99
53) 3-Nitroaniline	14.64	138	76823	39.082 ng	#	97
54) 2,4-Dinitrophenol	14.84	184	23173	20.021 ng		94
55) Dibenzofuran	15.11	168	423698	39.511 ng		97
56) 4-Nitrophenol	14.94	139	52353	36.865 ng		95
57) 2,4-Dinitrotoluene	15.08	165	110958	38.045 ng		97
58) Fluorene	15.77	166	334190	39.616 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117032	40.489 ng		99
60) Diethylphthalate	15.52	149	365528	38.006 ng		97
61) 4-Chlorophenyl-phenylether	15.75	204	214982	39.170 ng		98
62) 4-Nitroaniline	15.80	138	81370	38.704 ng		95
63) Azobenzene	16.04	77	332893	38.799 ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	36532	21.485 ng		96
66) n-Nitrosodiphenylamine	15.97	169	292548	42.058 ng		99
67) 4-Bromophenyl-phenylether	16.65	248	139115	41.070 ng		96
68) Hexachlorobenzene	16.76	284	150211	41.412 ng		94
69) Atrazine	16.91	200	110463	44.279 ng		98
70) Pentachlorophenol	17.11	266	82712	44.532 ng		97
71) Phenanthrene	17.51	178	567108	40.590 ng		99
72) Anthracene	17.60	178	559402	40.613 ng		100
73) Carbazole	17.88	167	482272	40.025 ng		99
74) Di-n-butylphthalate	18.40	149	600631	39.950 ng		99
75) Fluoranthene	19.51	202	702158	37.829 ng		97
77) Benzidine	19.70	184	274984	45.116 ng		98
78) Pyrene	19.87	202	703433	41.392 ng		99
80) Butylbenzylphthalate	20.74	149	260211	40.481 ng		95
81) Benzo(a)anthracene	21.72	228	705157	41.329 ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	251945	42.065 ng		98
83) Chrysene	21.79	228	666774	40.637 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	362093	41.334 ng	#	98
85) Di-n-octyl phthalate	22.82	149	617819	41.686 ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	800475	41.119 ng		99
88) Benzo(b)fluoranthene	23.99	252	682630	40.329 ng		97
89) Benzo(k)fluoranthene	24.06	252	666414	39.743 ng		99
90) Benzo(a)pyrene	24.90	252	647127	40.482 ng		99
91) Dibenzo(a,h)anthracene	28.93	278	647853	40.256 ng		98
92) Benzo(g,h,i)perylene	30.06	276	628714	39.531 ng		98

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

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