Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041034.D
Acq On : 3 Jun 2019 14:59
Operator : HP/JU
Sample : PB120101BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120101BS

Quant Time: Jun 03 17:46:28 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	62904	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	239942	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	165996	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	431508	20.00	ng		0.00
76) Chrysene-d12	21.78	240	435848	20.00	ng		0.00
87) Perylene-d12	25.12	264	453738	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	514935	147.61	ng		0.00
7) Phenol-d6	7.27	99	712185	132.19	ng		0.00
23) Nitrobenzene-d5	9.30	82	407772	75.45	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	362300	147.02	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	906935	78.68	ng		-0.01
79) Terphenyl-d14	20.09	244	1430308	69.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	46646	29.467	ng		94
3) Pyridine	3.92	79	125809	26.859	ng		98
4) n-Nitrosodimethylamine	3.85	42	71030	32.674	ng	#	85
6) Aniline	7.44	93	127403	17.716	ng		98
8) 2-Chlorophenol	7.68	128	128026	30.784	ng		99
9) Benzaldehyde	7.25	77	50627	15.753	ng	#	78
10) Phenol	7.30	94	173631	30.058	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	122757	29.294	ng		93
12) 1,3-Dichlorobenzene	8.01	146	145892	29.371	ng		96
13) 1,4-Dichlorobenzene	8.15	146	142930	28.427	ng		98
14) 1,2-Dichlorobenzene	8.47	146	141481	28.981	ng		97
15) Benzyl Alcohol	8.36	79	144555	29.006	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192271	28.078	ng		98
17) 2-Methylphenol	8.55	107	121074	28.948	ng		97
18) Hexachloroethane	9.21	117	57054	29.442	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	113375	27.346	ng		98
20) 3+4-Methylphenols	8.88	107	161120	27.810	ng		98
22) Acetophenone	8.95	105	214470	31.864	ng		98
24) Nitrobenzene	9.34	77	177437	32.214	ng		98
25) Isophorone	9.85	82	317831	30.900	ng		98
26) 2-Nitrophenol	10.05	139	75958	33.451	ng		92
27) 2,4-Dimethylphenol	10.09	122	133197	35.517	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	168788	30.404	ng		98
29) 2,4-Dichlorophenol	10.58	162	146805	30.827	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	167053	30.836	ng		96
31) Naphthalene	10.99	128	408061	31.675	ng		98
32) Benzoic acid	10.22	122	81198	31.259	ng		100
33) 4-Chloroaniline	11.10	127	90301	15.107	ng		96
34) Hexachlorobutadiene	11.26	225	123386	29.766	ng		96
35) Caprolactam	11.88	113	47511	30.211	ng		93
36) 4-Chloro-3-methylphenol	12.20	107	171119	31.463	ng		96
37) 2-Methylnaphthalene	12.59	142	304251	30.664	ng		97
38) 1-Methylnaphthalene	12.81	142	289759	30.991	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	225571	33.715	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	250417	70.696 ng		97
43) 2,4,6-Trichlorophenol	13.18	196	145186	33.544 ng		95
44) 2,4,5-Trichlorophenol	13.26	196	151818	33.259 ng		99
46) 1,1'-Biphenyl	13.59	154	413663	33.666 ng		99
47) 2-Chloronaphthalene	13.64	162	345883	32.790 ng		98
48) 2-Nitroaniline	13.84	65	125253	33.098 ng		99
49) Acenaphthylene	14.48	152	537401	33.850 ng		99
50) Dimethylphthalate	14.19	163	452024	32.169 ng		99
51) 2,6-Dinitrotoluene	14.33	165	97847	32.296 ng		94
52) Acenaphthene	14.82	154	314190	32.668 ng		96
53) 3-Nitroaniline	14.66	138	71021	23.443 ng		100
54) 2,4-Dinitrophenol	14.86	184	100958	68.456 ng		94
55) Dibenzofuran	15.15	168	539115	33.313 ng		99
56) 4-Nitrophenol	14.95	139	156117	75.129 ng		94
57) 2,4-Dinitrotoluene	15.11	165	142541	33.307 ng		98
58) Fluorene	15.80	166	425035	32.979 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	160285	35.731 ng		97
60) Diethylphthalate	15.55	149	461540	32.185 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	269201	32.136 ng		98
62) 4-Nitroaniline	15.82	138	102096	31.832 ng		96
63) Azobenzene	16.07	77	436057	33.456 ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78408	36.431 ng		96
66) n-Nitrosodiphenylamine	16.00	169	394628	32.533 ng		99
67) 4-Bromophenyl-phenylether	16.68	248	178534	30.658 ng		96
68) Hexachlorobenzene	16.79	284	184569	29.765 ng		99
69) Atrazine	16.94	200	169536	36.222 ng		94
70) Pentachlorophenol	17.14	266	213854	65.209 ng		97
71) Phenanthrene	17.54	178	749431	33.343 ng		99
72) Anthracene	17.63	178	771282	34.793 ng		99
73) Carbazole	17.90	167	669515	35.199 ng		100
74) Di-n-butylphthalate	18.43	149	785531	33.228 ng		98
75) Fluoranthene	19.54	202	975289	35.130 ng		98
77) Benzidine	19.72	184	304028	29.241 ng		97
78) Pyrene	19.90	202	985815	34.794 ng		98
80) Butylbenzylphthalate	20.77	149	369921	33.550 ng		98
81) Benzo(a)anthracene	21.75	228	962796	33.185 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	238437	23.366 ng		96
83) Chrysene	21.83	228	938868	33.816 ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	505626	32.576 ng		98
85) Di-n-octyl phthalate	22.87	149	864348	33.437 ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1099026	32.314 ng	#	98
88) Benzo(b)fluoranthene	24.04	252	960111	34.887 ng		100
89) Benzo(k)fluoranthene	24.12	252	957818	35.170 ng		100
90) Benzo(a)pyrene	24.96	252	949051	36.145 ng		97
91) Dibenzo(a,h)anthracene	29.01	278	887789	33.838 ng		98
92) Benzo(g,h,i)perylene	30.16	276	895684	35.140 ng		97

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

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