Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040940.D
Acq On : 29 May 2019 16:47
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: May 29 17:23:07 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 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51626	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	228738	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	172480	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	431916	20.00	ng		0.00
76) Chrysene-d12	21.79	240	418713	20.00	ng		0.00
87) Perylene-d12	25.13	264	463239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	345626	118.01	ng		0.00
7) Phenol-d6	7.27	99	539152	119.56	ng		0.00
23) Nitrobenzene-d5	9.31	82	615853	124.41	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	314301	132.57	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1407381	117.84	ng		0.00
79) Terphenyl-d14	20.10	244	2294565	121.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	78592	59.006	ng		99
3) Pyridine	3.94	79	233212	60.408	ng		96
4) n-Nitrosodimethylamine	3.86	42	111717	52.171	ng		90
6) Aniline	7.45	93	360258	60.275	ng		98
8) 2-Chlorophenol	7.69	128	203190	56.819	ng		97
9) Benzaldehyde	7.27	77	149905	53.615	ng		91
10) Phenol	7.30	94	288927	59.605	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	206469	56.801	ng		100
12) 1,3-Dichlorobenzene	8.01	146	248018	63.542	ng		98
13) 1,4-Dichlorobenzene	8.17	146	248802	62.879	ng		96
14) 1,2-Dichlorobenzene	8.48	146	242384	63.519	ng		98
15) Benzyl Alcohol	8.36	79	253021	53.926	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	338785	46.813	ng		98
17) 2-Methylphenol	8.56	107	203050	59.191	ng		97
18) Hexachloroethane	9.22	117	96277	59.316	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	207919	51.221	ng		99
20) 3+4-Methylphenols	8.89	107	288278	60.324	ng		95
22) Acetophenone	8.96	105	385162	60.554	ng	#	100
24) Nitrobenzene	9.35	77	312616	59.188	ng		98
25) Isophorone	9.87	82	586881	53.222	ng		97
26) 2-Nitrophenol	10.06	139	133500	70.512	ng		96
27) 2,4-Dimethylphenol	10.10	122	209905	59.089	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	316037	57.124	ng		97
29) 2,4-Dichlorophenol	10.59	162	273980	67.842	ng		96
30) 1,2,4-Trichlorobenzene	10.81	180	312882	69.863	ng		93
31) Naphthalene	11.00	128	724413	59.612	ng		99
32) Benzoic acid	10.26	122	161114	66.252	ng		91
33) 4-Chloroaniline	11.11	127	340850	63.261	ng		97
34) Hexachlorobutadiene	11.27	225	236700	71.590	ng		98
35) Caprolactam	11.92	113	91988	57.693	ng		92
36) 4-Chloro-3-methylphenol	12.21	107	307933	60.442	ng		99
37) 2-Methylnaphthalene	12.60	142	559147	61.540	ng		99
38) 1-Methylnaphthalene	12.81	142	531737	59.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	419317	65.260	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	213093	56.203	ng		97
43) 2,4,6-Trichlorophenol	13.19	196	275153	70.863	ng		96
44) 2,4,5-Trichlorophenol	13.27	196	281802	66.623	ng		98
46) 1,1'-Biphenyl	13.59	154	762866	56.967	ng		99
47) 2-Chloronaphthalene	13.65	162	651010	62.119	ng		96
48) 2-Nitroaniline	13.85	65	240483	64.464	ng		98
49) Acenaphthylene	14.49	152	974661	54.816	ng		99
50) Dimethylphthalate	14.21	163	864935	59.936	ng		99
51) 2,6-Dinitrotoluene	14.34	165	192386	68.307	ng		96
52) Acenaphthene	14.83	154	598839	57.832	ng		97
53) 3-Nitroaniline	14.68	138	189543	65.681	ng		97
54) 2,4-Dinitrophenol	14.87	184	89850	64.727	ng		97
55) Dibenzofuran	15.16	168	997358	58.805	ng		99
56) 4-Nitrophenol	14.96	139	138540	55.364	ng		97
57) 2,4-Dinitrotoluene	15.12	165	273392	71.435	ng	#	99
58) Fluorene	15.80	166	797436	58.171	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	284344	66.789	ng		98
60) Diethylphthalate	15.56	149	895752	58.830	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	522682	65.557	ng		99
62) 4-Nitroaniline	15.84	138	203744	63.115	ng		96
63) Azobenzene	16.09	77	801096	51.089	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	142380	71.627	ng		98
66) n-Nitrosodiphenylamine	16.01	169	720106	56.668	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	355624	66.088	ng		95
68) Hexachlorobenzene	16.80	284	375759	67.533	ng		99
69) Atrazine	16.95	200	276119	54.844	ng		96
70) Pentachlorophenol	17.14	266	198015	60.817	ng		97
71) Phenanthrene	17.55	178	1341182	57.650	ng		96
72) Anthracene	17.64	178	1312889	56.144	ng		97
73) Carbazole	17.91	167	1134678	53.259	ng		100
74) Di-n-butylphthalate	18.44	149	1414472	55.006	ng		96
75) Fluoranthene	19.55	202	1629924	56.222	ng		97
77) Benzidine	19.73	184	593765	51.791	ng		98
78) Pyrene	19.91	202	1624219	61.891	ng		97
80) Butylbenzylphthalate	20.77	149	646945	63.250	ng		97
81) Benzo(a)anthracene	21.77	228	1663114	62.847	ng		96
82) 3,3'-Dichlorobenzidine	21.68	252	592423	62.809	ng		99
83) Chrysene	21.84	228	1592632	63.282	ng		95
84) Bis(2-ethylhexyl)phthalate	21.64	149	909687	61.612	ng		99
85) Di-n-octyl phthalate	22.88	149	1514170	60.894	ng		99
86) Indeno(1,2,3-cd)pyrene	28.98	276	2004984	65.892	ng	#	99
88) Benzo(b)fluoranthene	24.06	252	1664004	58.782	ng		100
89) Benzo(k)fluoranthene	24.13	252	1672824	63.276	ng		97
90) Benzo(a)pyrene	24.97	252	1595137	59.529	ng		98
91) Dibenzo(a,h)anthracene	29.05	278	1622505	59.835	ng		99
92) Benzo(g,h,i)perylene	30.19	276	1589621	58.903	ng		98

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

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