Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040956.D
Acq On : 30 May 2019 18:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2019 8:19:01 AM

Quant Time: May 31 04:23:27 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	63918	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	271984	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	192836	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	490188	20.00	ng		0.00
76) Chrysene-d12	21.78	240	479070	20.00	ng		0.00
87) Perylene-d12	25.12	264	503620	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	305231	86.11	ng		0.00
7) Phenol-d6	7.27	99	437580	79.93	ng		0.00
23) Nitrobenzene-d5	9.30	82	506136	82.61	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	236158	82.49	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1107461	82.71	ng		0.00
79) Terphenyl-d14	20.09	244	1861770	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	63330	39.372	ng		92
3) Pyridine	3.93	79	203239	42.702	ng		96
4) n-Nitrosodimethylamine	3.86	42	102090	46.217	ng	#	89
6) Aniline	7.45	93	307321	42.058	ng		98
8) 2-Chlorophenol	7.68	128	173229	40.992	ng		94
9) Benzaldehyde	7.27	77	142446	43.620	ng		90
10) Phenol	7.30	94	233148	39.721	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	179721	42.207	ng		99
12) 1,3-Dichlorobenzene	8.01	146	218111	43.214	ng		95
13) 1,4-Dichlorobenzene	8.16	146	215920	42.263	ng		96
14) 1,2-Dichlorobenzene	8.48	146	207423	41.815	ng		100
15) Benzyl Alcohol	8.36	79	209836	41.437	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	288082	41.403	ng		97
17) 2-Methylphenol	8.55	107	165845	39.023	ng		96
18) Hexachloroethane	9.21	117	83972	42.645	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	175264	41.602	ng		98
20) 3+4-Methylphenols	8.89	107	229156	38.926	ng		98
22) Acetophenone	8.95	105	315971	41.414	ng	#	98
24) Nitrobenzene	9.35	77	259255	41.524	ng		96
25) Isophorone	9.86	82	483546	41.472	ng		99
26) 2-Nitrophenol	10.06	139	109364	42.489	ng		99
27) 2,4-Dimethylphenol	10.10	122	168020	39.525	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	259482	41.234	ng		100
29) 2,4-Dichlorophenol	10.59	162	207560	38.450	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	249583	40.642	ng		99
31) Naphthalene	11.00	128	589856	40.393	ng		99
32) Benzoic acid	10.24	122	125168	39.584	ng		96
33) 4-Chloroaniline	11.11	127	271392	40.054	ng		97
34) Hexachlorobutadiene	11.26	225	192727	41.016	ng		98
35) Caprolactam	11.90	113	72242	40.525	ng		98
36) 4-Chloro-3-methylphenol	12.21	107	235555	38.208	ng		97
37) 2-Methylnaphthalene	12.59	142	439598	39.086	ng		98
38) 1-Methylnaphthalene	12.81	142	415671m	39.220	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	321000	41.300	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	193158	49.708 ng	97
43) 2,4,6-Trichlorophenol	13.19	196	207004	41.170 ng	94
44) 2,4,5-Trichlorophenol	13.26	196	210894	39.771 ng	98
46) 1,1'-Biphenyl	13.59	154	579551	40.602 ng	98
47) 2-Chloronaphthalene	13.64	162	502668	41.020 ng	99
48) 2-Nitroaniline	13.85	65	191328	43.522 ng	100
49) Acenaphthylene	14.48	152	749476	40.637 ng	99
50) Dimethylphthalate	14.20	163	675965	41.410 ng	99
51) 2,6-Dinitrotoluene	14.33	165	145770	41.418 ng	97
52) Acenaphthene	14.82	154	448690	40.159 ng	95
53) 3-Nitroaniline	14.67	138	146825	41.719 ng	94
54) 2,4-Dinitrophenol	14.87	184	95564	59.315 ng	96
55) Dibenzofuran	15.15	168	760284	40.441 ng	99
56) 4-Nitrophenol	14.95	139	112789	46.723 ng	91
57) 2,4-Dinitrotoluene	15.12	165	208259	41.890 ng	98
58) Fluorene	15.80	166	601933	40.204 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	213150	40.902 ng	99
60) Diethylphthalate	15.55	149	682521	40.971 ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	395193	40.610 ng	96
62) 4-Nitroaniline	15.83	138	158559	42.556 ng	96
63) Azobenzene	16.08	77	616295	40.704 ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	127934	48.579 ng	97
66) n-Nitrosodiphenylamine	16.00	169	553624	40.177 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	260535	39.384 ng	99
68) Hexachlorobenzene	16.79	284	281095	39.904 ng	99
69) Atrazine	16.94	200	231626	43.563 ng	98
70) Pentachlorophenol	17.14	266	163155	45.192 ng	99
71) Phenanthrene	17.54	178	1034620	40.521 ng	98
72) Anthracene	17.63	178	1032005	40.981 ng	99
73) Carbazole	17.90	167	908523	42.046 ng	99
74) Di-n-butylphthalate	18.44	149	1119468	41.685 ng	97
75) Fluoranthene	19.54	202	1310822	41.564 ng	98
77) Benzidine	19.72	184	502173	43.941 ng	97
78) Pyrene	19.90	202	1323223	42.489 ng	99
80) Butylbenzylphthalate	20.77	149	506579	41.799 ng	99
81) Benzo(a)anthracene	21.75	228	1285117	40.299 ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	471881	42.071 ng	99
83) Chrysene	21.83	228	1231790	40.364 ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	687536	40.299 ng	98
85) Di-n-octyl phthalate	22.87	149	1142477	40.209 ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1457169	38.979 ng	100
88) Benzo(b)fluoranthene	24.05	252	1256502	41.134 ng	100
89) Benzo(k)fluoranthene	24.12	252	1225381	40.538 ng	99
90) Benzo(a)pyrene	24.96	252	1195416	41.019 ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1178852	40.482 ng	98
92) Benzo(g,h,i)perylene	30.17	276	1166570	41.234 ng	99

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

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