Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041156.D
Acq On : 10 Jun 2019 9:08
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2019 8:52:26 AM

Quant Time: Jun 11 03:54:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48330	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	208813	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	146898	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	365246	20.00	ng		0.00
76) Chrysene-d12	21.76	240	358863	20.00	ng		0.00
87) Perylene-d12	25.09	264	387721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	241322	90.04	ng		0.00
7) Phenol-d6	7.25	99	368606	89.05	ng		0.00
23) Nitrobenzene-d5	9.29	82	420373	89.37	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	199171	91.33	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	944369	92.58	ng		0.00
79) Terphenyl-d14	20.07	244	1401538	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	48420	39.812	ng		94
3) Pyridine	3.92	79	151451	42.084	ng		100
4) n-Nitrosodimethylamine	3.83	42	75525	45.218	ng		92
6) Aniline	7.43	93	238131	43.100	ng		97
8) 2-Chlorophenol	7.67	128	140385	43.935	ng		95
9) Benzaldehyde	7.25	77	119422	48.364	ng		95
10) Phenol	7.28	94	192375	43.345	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	140007	43.485	ng		98
12) 1,3-Dichlorobenzene	7.99	146	167205	43.813	ng		95
13) 1,4-Dichlorobenzene	8.14	146	174055	45.057	ng		95
14) 1,2-Dichlorobenzene	8.46	146	167301	44.604	ng		99
15) Benzyl Alcohol	8.35	79	169358	44.230	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	222955	42.378	ng		98
17) 2-Methylphenol	8.54	107	132726	41.303	ng		97
18) Hexachloroethane	9.19	117	69403	46.614	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	139116	43.673	ng		98
20) 3+4-Methylphenols	8.87	107	188066	42.250	ng		97
22) Acetophenone	8.94	105	260418	44.458	ng	#	95
24) Nitrobenzene	9.33	77	212451	44.321	ng		99
25) Isophorone	9.85	82	384603	42.965	ng		99
26) 2-Nitrophenol	10.04	139	94779	47.963	ng		94
27) 2,4-Dimethylphenol	10.08	122	139538	42.755	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	209586	43.381	ng		99
29) 2,4-Dichlorophenol	10.57	162	177483	42.824	ng		93
30) 1,2,4-Trichlorobenzene	10.79	180	216050	45.825	ng		96
31) Naphthalene	10.98	128	488831	43.601	ng		99
32) Benzoic acid	10.23	122	107226m	43.226	ng		
33) 4-Chloroaniline	11.09	127	223419	42.949	ng		95
34) Hexachlorobutadiene	11.24	225	162011	44.910	ng		97
35) Caprolactam	11.89	113	54606	39.899	ng		94
36) 4-Chloro-3-methylphenol	12.20	107	195846	41.377	ng		98
37) 2-Methylnaphthalene	12.57	142	368645	42.693	ng		99
38) 1-Methylnaphthalene	12.79	142	342489	42.091	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	276513	46.702	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	138205	47.189	ng		100
43) 2,4,6-Trichlorophenol	13.17	196	174598	45.584	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	176552	43.706	ng		97
46) 1,1'-Biphenyl	13.57	154	502686	46.230	ng		98
47) 2-Chloronaphthalene	13.62	162	434971	46.596	ng		99
48) 2-Nitroaniline	13.83	65	151848	45.343	ng		98
49) Acenaphthylene	14.46	152	626303	44.578	ng		99
50) Dimethylphthalate	14.19	163	546364	43.938	ng		99
51) 2,6-Dinitrotoluene	14.32	165	118259	44.108	ng		96
52) Acenaphthene	14.80	154	373852	43.925	ng		96
53) 3-Nitroaniline	14.65	138	117606	43.867	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	58267	50.751	ng		95
55) Dibenzofuran	15.13	168	641202	44.773	ng		99
56) 4-Nitrophenol	14.95	139	81298	44.210	ng		85
57) 2,4-Dinitrotoluene	15.10	165	171704	45.337	ng		98
58) Fluorene	15.78	166	503763	44.169	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173827	43.787	ng		99
60) Diethylphthalate	15.54	149	552368	43.527	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	328576	44.323	ng		97
62) 4-Nitroaniline	15.81	138	128316	45.209	ng		95
63) Azobenzene	16.06	77	498733	43.240	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	94622	48.284	ng		98
66) n-Nitrosodiphenylamine	15.99	169	444293	43.272	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	213133	43.239	ng		97
68) Hexachlorobenzene	16.78	284	226126	43.082	ng		98
69) Atrazine	16.93	200	172674	43.585	ng		99
70) Pentachlorophenol	17.12	266	118680	44.219	ng		97
71) Phenanthrene	17.52	178	838870	44.093	ng		99
72) Anthracene	17.62	178	833407	44.416	ng		99
73) Carbazole	17.89	167	726165	45.103	ng		99
74) Di-n-butylphthalate	18.42	149	895776	44.765	ng		99
75) Fluoranthene	19.53	202	1065518	45.343	ng		99
77) Benzidine	19.71	184	437493	51.104	ng		99
78) Pyrene	19.89	202	1072909	45.991	ng		99
80) Butylbenzylphthalate	20.76	149	418921	46.145	ng		97
81) Benzo(a)anthracene	21.74	228	1066950	44.664	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	397723	47.337	ng		99
83) Chrysene	21.81	228	1022740	44.739	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	584846	45.763	ng		98
85) Di-n-octyl phthalate	22.85	149	982967	46.183	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	1206619	43.089	ng		99
88) Benzo(b)fluoranthene	24.02	252	1039098	44.186	ng		99
89) Benzo(k)fluoranthene	24.09	252	1043662	44.848	ng		98
90) Benzo(a)pyrene	24.93	252	995591	44.374	ng		96
91) Dibenzo(a,h)anthracene	28.98	278	980147	43.720	ng		99
92) Benzo(g,h,i)perylene	30.12	276	908242	41.700	ng		98

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

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