Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042801.D
Acq On : 13 Sep 2019 4:31
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:38 AM

Quant Time: Sep 13 08:40:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	84749	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	344444	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	241159	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	556010	20.00	ng		0.00
76) Chrysene-d12	21.76	240	536108	20.00	ng		0.00
87) Perylene-d12	25.02	264	596773	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	386149	79.21	ng		0.00
7) Phenol-d6	7.27	99	567136	81.06	ng		0.00
23) Nitrobenzene-d5	9.28	82	547416	82.74	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	249175	77.66	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1194913	78.43	ng		0.00
79) Terphenyl-d14	20.09	244	2015076	83.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	85912	38.617	ng		99
3) Pyridine	3.98	79	265486	39.635	ng		99
4) n-Nitrosodimethylamine	3.89	42	132004	40.500	ng		98
6) Aniline	7.44	93	376017	39.832	ng		98
8) 2-Chlorophenol	7.68	128	208002	39.474	ng		98
9) Benzaldehyde	7.25	77	175745	38.598	ng		99
10) Phenol	7.29	94	287307	40.040	ng		100
11) bis(2-Chloroethyl)ether	7.53	93	213390	38.749	ng		98
12) 1,3-Dichlorobenzene	8.01	146	250351	38.954	ng		98
13) 1,4-Dichlorobenzene	8.15	146	252884	39.302	ng		100
14) 1,2-Dichlorobenzene	8.48	146	240142	39.207	ng		97
15) Benzyl Alcohol	8.35	79	243478	40.549	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	474423	39.230	ng		97
17) 2-Methylphenol	8.55	107	194854	40.590	ng		98
18) Hexachloroethane	9.21	117	93651	39.423	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	202824	39.340	ng		94
20) 3+4-Methylphenols	8.88	107	265533	40.127	ng		98
22) Acetophenone	8.94	105	346694	39.854	ng	#	96
24) Nitrobenzene	9.32	77	285345	41.090	ng		99
25) Isophorone	9.85	82	552972	40.098	ng		96
26) 2-Nitrophenol	10.03	139	115613	42.338	ng		94
27) 2,4-Dimethylphenol	10.09	122	193901	40.141	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	308340	40.093	ng		97
29) 2,4-Dichlorophenol	10.57	162	222488	39.636	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	272348	39.739	ng		97
31) Naphthalene	10.98	128	678495	39.897	ng		100
32) Benzoic acid	10.21	122	154637	40.626	ng		97
33) 4-Chloroaniline	11.07	127	317284	39.916	ng		98
34) Hexachlorobutadiene	11.27	225	188367	39.229	ng		92
35) Caprolactam	11.84	113	84562	40.511	ng		93
36) 4-Chloro-3-methylphenol	12.18	107	248649	40.797	ng		97
37) 2-Methylnaphthalene	12.58	142	511505	40.152	ng		97
38) 1-Methylnaphthalene	12.80	142	482272	40.363	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	312144	39.170	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	185587	40.652	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	211279	39.824	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	213798	39.343	ng		99
46) 1,1'-Biphenyl	13.58	154	666594	39.484	ng		99
47) 2-Chloronaphthalene	13.62	162	543757	38.935	ng		98
48) 2-Nitroaniline	13.81	65	205847	42.489	ng		98
49) Acenaphthylene	14.46	152	842196	39.462	ng		98
50) Dimethylphthalate	14.19	163	711608	39.390	ng		99
51) 2,6-Dinitrotoluene	14.30	165	156092	42.108	ng		94
52) Acenaphthene	14.81	154	544210	39.032	ng		98
53) 3-Nitroaniline	14.63	138	170388	40.955	ng		95
54) 2,4-Dinitrophenol	14.83	184	69052	37.839	ng	#	85
55) Dibenzofuran	15.13	168	810926	39.129	ng		99
56) 4-Nitrophenol	14.92	139	129323	40.203	ng		96
57) 2,4-Dinitrotoluene	15.08	165	209000	42.299	ng		95
58) Fluorene	15.78	166	679326	39.552	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	213577m	40.543	ng		
60) Diethylphthalate	15.55	149	715130	38.997	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	396316	39.026	ng		97
62) 4-Nitroaniline	15.79	138	182007	40.586	ng		98
63) Azobenzene	16.07	77	695440	39.382	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	94574	39.752	ng		96
66) n-Nitrosodiphenylamine	15.99	169	597582	39.941	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	268131	39.843	ng		100
68) Hexachlorobenzene	16.79	284	285542	39.708	ng		95
69) Atrazine	16.93	200	181401	34.817	ng		98
70) Pentachlorophenol	17.13	266	171728	40.256	ng		94
71) Phenanthrene	17.52	178	1067599	40.150	ng		100
72) Anthracene	17.61	178	1066011	40.128	ng		99
73) Carbazole	17.87	167	1007967	39.921	ng		99
74) Di-n-butylphthalate	18.44	149	1215240	40.178	ng		99
75) Fluoranthene	19.52	202	1374594	39.887	ng		99
77) Benzidine	19.69	184	518204	34.597	ng		98
78) Pyrene	19.89	202	1377597	41.044	ng		98
80) Butylbenzylphthalate	20.77	149	559664	41.201	ng		99
81) Benzo(a)anthracene	21.74	228	1380400	40.497	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	526598	39.753	ng		99
83) Chrysene	21.80	228	1290412	39.966	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	746686	40.230	ng		100
85) Di-n-octyl phthalate	22.90	149	1283329	40.559	ng		100
86) Indeno(1,2,3-cd)pyrene	28.77	276	1593366	39.850	ng	#	92
88) Benzo(b)fluoranthene	23.99	252	1386988	39.582	ng		98
89) Benzo(k)fluoranthene	24.06	252	1353557	40.892	ng		100
90) Benzo(a)pyrene	24.88	252	1317278	40.147	ng		98
91) Dibenzo(a,h)anthracene	28.83	278	1296061	40.161	ng		100
92) Benzo(g,h,i)perylene	29.93	276	1267208	40.258	ng		97

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

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