Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037254.D
Acq On : 11 Oct 2018 12:23
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:05 AM

Quant Time: Oct 11 13:23:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 12:41:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	51296	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	242421	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	157432	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	374072	20.00	ng		0.00
76) Chrysene-d12	21.80	240	334072	20.00	ng		0.00
87) Perylene-d12	25.15	264	357594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	364262	120.28	ng		0.00
7) Phenol-d6	7.26	99	551040	123.56	ng		0.00
23) Nitrobenzene-d5	9.30	82	488833	143.31	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	207974	129.77	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1199341	113.97	ng		0.00
79) Terphenyl-d14	20.11	244	1755305	109.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	93209	56.662	ng		98
3) Pyridine	3.95	79	229044	58.125	ng		97
4) n-Nitrosodimethylamine	3.86	42	94920	60.529	ng	#	93
6) Aniline	7.45	93	351318	60.332	ng		98
8) 2-Chlorophenol	7.68	128	213399	61.368	ng		97
9) Benzaldehyde	7.27	77	169385	54.766	ng		97
10) Phenol	7.29	94	288937	61.406	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	228706	60.782	ng		97
12) 1,3-Dichlorobenzene	8.01	146	240387	60.448	ng		99
13) 1,4-Dichlorobenzene	8.16	146	241269	59.277	ng		100
14) 1,2-Dichlorobenzene	8.48	146	233285	60.636	ng		99
15) Benzyl Alcohol	8.36	79	220234	61.030	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	448610	56.444	ng		98
17) 2-Methylphenol	8.55	107	195331	60.298	ng		96
18) Hexachloroethane	9.21	117	85070	61.402	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	202114	58.333	ng		99
20) 3+4-Methylphenols	8.88	107	276523	61.728	ng		98
22) Acetophenone	8.96	105	362053	57.996	ng		98
24) Nitrobenzene	9.35	77	265310	73.511	ng		97
25) Isophorone	9.87	82	509644	57.962	ng		98
26) 2-Nitrophenol	10.06	139	96645	83.798	ng		95
27) 2,4-Dimethylphenol	10.10	122	211540	57.288	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	314852	59.528	ng		97
29) 2,4-Dichlorophenol	10.58	162	234462	63.261	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	260128	60.371	ng		100
31) Naphthalene	11.00	128	694067	58.705	ng		100
32) Benzoic acid	10.24	122	129572m	69.291	ng		
33) 4-Chloroaniline	11.11	127	334178	59.221	ng		99
34) Hexachlorobutadiene	11.27	225	159266	59.631	ng		99
35) Caprolactam	11.90	113	92092	59.195	ng	#	91
36) 4-Chloro-3-methylphenol	12.21	107	269813	61.050	ng		97
37) 2-Methylnaphthalene	12.59	142	507269	58.812	ng		99
38) 1-Methylnaphthalene	12.81	142	495849	61.651	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	304954	59.589	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	138487	61.631 ng	100
43) 2,4,6-Trichlorophenol	13.19	196	197574	64.203 ng	98
44) 2,4,5-Trichlorophenol	13.26	196	208426	66.007 ng	97
46) 1,1'-Biphenyl	13.60	154	759666	58.621 ng	98
47) 2-Chloronaphthalene	13.64	162	578179	59.029 ng	99
48) 2-Nitroaniline	13.85	65	169073	80.278 ng	98
49) Acenaphthylene	14.49	152	871039	57.997 ng	99
50) Dimethylphthalate	14.22	163	737571	57.570 ng	99
51) 2,6-Dinitrotoluene	14.34	165	148761	79.092 ng	95
52) Acenaphthene	14.83	154	536516	57.580 ng	99
53) 3-Nitroaniline	14.67	138	169777	82.069 ng	99
54) 2,4-Dinitrophenol	14.87	184	40480	72.345 ng	95
55) Dibenzofuran	15.16	168	861373	57.536 ng	97
56) 4-Nitrophenol	14.95	139	133637	79.439 ng	96
57) 2,4-Dinitrotoluene	15.12	165	189894	83.111 ng	99
58) Fluorene	15.81	166	649606	57.181 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	184911	64.871 ng	99
60) Diethylphthalate	15.57	149	761497	57.044 ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	386328	58.259 ng	99
62) 4-Nitroaniline	15.83	138	172620	74.705 ng	97
63) Azobenzene	16.09	77	703954	56.232 ng	98
65) 4,6-Dinitro-2-methylphenol	15.88	198	74818	73.156 ng	100
66) n-Nitrosodiphenylamine	16.01	169	650712	57.873 ng	99
67) 4-Bromophenyl-phenylether	16.69	248	240981	59.113 ng	98
68) Hexachlorobenzene	16.80	284	248152	58.413 ng	99
69) Atrazine	16.95	200	248449	57.127 ng	99
70) Pentachlorophenol	17.14	266	179349	67.987 ng	97
71) Phenanthrene	17.55	178	1079337	56.994 ng	98
72) Anthracene	17.64	178	1067214	56.538 ng	97
73) Carbazole	17.91	167	1096606	55.814 ng	98
74) Di-n-butylphthalate	18.46	149	1231320	55.242 ng	99
75) Fluoranthene	19.55	202	1255972	55.218 ng	98
77) Benzidine	19.73	184	770683	55.801 ng	97
78) Pyrene	19.92	202	1254727	57.572 ng	97
80) Butylbenzylphthalate	20.80	149	541978	63.957 ng	97
81) Benzo(a)anthracene	21.78	228	1159995	57.664 ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	470777	59.092 ng	99
83) Chrysene	21.85	228	1110330	58.231 ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	768453	62.248 ng	98
85) Di-n-octyl phthalate	22.94	149	1263437	63.362 ng	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1313985	61.251 ng	100
88) Benzo(b)fluoranthene	24.08	252	1162759	59.606 ng	99
89) Benzo(k)fluoranthene	24.15	252	1110958	57.403 ng	96
90) Benzo(a)pyrene	24.99	252	1122017	59.431 ng	99
91) Dibenzo(a,h)anthracene	29.09	278	1069508	59.828 ng	98
92) Benzo(g,h,i)perylene	30.23	276	1075880	60.083 ng	99

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

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