Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039538.D
Acq On : 18 Feb 2019 14:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 18 16:03:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66313	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	309570	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	218313	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	516376	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	489396	20.00	ng		-0.02
87) Perylene-d12	25.21	264	500661	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	307825	79.45	ng		0.00
7) Phenol-d6	7.32	99	486626	85.32	ng		0.00
23) Nitrobenzene-d5	9.35	82	460906	93.01	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	214324	91.17	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	1137444	74.74	ng		-0.02
79) Terphenyl-d14	20.13	244	1689655	73.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	60152	35.492	ng		93
3) Pyridine	4.01	79	181457	40.439	ng		96
4) n-Nitrosodimethylamine	3.93	42	81634	36.377	ng		90
6) Aniline	7.50	93	296186	41.461	ng		99
8) 2-Chlorophenol	7.73	128	183128	43.239	ng		93
9) Benzaldehyde	7.31	77	123447	44.853	ng		95
10) Phenol	7.34	94	254842	42.866	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	195046	41.519	ng		97
12) 1,3-Dichlorobenzene	8.05	146	203766	39.715	ng		99
13) 1,4-Dichlorobenzene	8.21	146	205817	40.247	ng		99
14) 1,2-Dichlorobenzene	8.52	146	200967	40.595	ng		98
15) Benzyl Alcohol	8.41	79	195495	43.662	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	371566	35.025	ng		98
17) 2-Methylphenol	8.60	107	169194	43.978	ng		96
18) Hexachloroethane	9.26	117	72717	41.331	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	171113	42.272	ng		92
20) 3+4-Methylphenols	8.93	107	240400	45.376	ng		96
22) Acetophenone	9.00	105	324190	38.986	ng	#	93
24) Nitrobenzene	9.39	77	234441	43.793	ng		98
25) Isophorone	9.91	82	433165	39.447	ng		97
26) 2-Nitrophenol	10.10	139	118435	54.199	ng		97
27) 2,4-Dimethylphenol	10.14	122	181738	40.912	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	272272	40.255	ng		98
29) 2,4-Dichlorophenol	10.63	162	221179	45.558	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	224435	41.176	ng		98
31) Naphthalene	11.04	128	590308	38.438	ng		100
32) Benzoic acid	10.28	122	141943	48.648	ng		95
33) 4-Chloroaniline	11.16	127	295805	41.541	ng		95
34) Hexachlorobutadiene	11.30	225	150155	41.424	ng		93
35) Caprolactam	11.96	113	90690	45.142	ng		90
36) 4-Chloro-3-methylphenol	12.26	107	248672	44.289	ng		94
37) 2-Methylnaphthalene	12.64	142	451429	39.687	ng		97
38) 1-Methylnaphthalene	12.85	142	433512	39.537	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	280880	40.437	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	169001	44.650	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	188995	44.253	ng		97
44) 2,4,5-Trichlorophenol	13.31	196	206349	46.099	ng		96
46) 1,1'-Biphenyl	13.63	154	684575	37.688	ng		99
47) 2-Chloronaphthalene	13.68	162	533858	39.069	ng		97
48) 2-Nitroaniline	13.89	65	184973	47.275	ng		97
49) Acenaphthylene	14.52	152	789904	38.310	ng		98
50) Dimethylphthalate	14.25	163	692422	39.271	ng		100
51) 2,6-Dinitrotoluene	14.38	165	157504	47.824	ng		95
52) Acenaphthene	14.86	154	506202	37.822	ng		99
53) 3-Nitroaniline	14.71	138	165382	46.691	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	64310	53.012	ng		95
55) Dibenzofuran	15.19	168	830462	38.700	ng		98
56) 4-Nitrophenol	15.00	139	119020	40.424	ng		92
57) 2,4-Dinitrotoluene	15.16	165	221335	51.712	ng	#	84
58) Fluorene	15.84	166	615424	38.472	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	185027	44.148	ng		98
60) Diethylphthalate	15.60	149	698373	38.309	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	372784	41.156	ng		98
62) 4-Nitroaniline	15.87	138	164621	44.828	ng		93
63) Azobenzene	16.12	77	641231	35.988	ng		94
65) 4,6-Dinitro-2-methylphenol	15.91	198	113239	53.295	ng		94
66) n-Nitrosodiphenylamine	16.04	169	615778	39.218	ng		100
67) 4-Bromophenyl-phenylether	16.72	248	241603	42.175	ng		94
68) Hexachlorobenzene	16.83	284	246487	42.886	ng		96
69) Atrazine	16.98	200	197615	34.440	ng		95
70) Pentachlorophenol	17.18	266	158283	39.624	ng		99
71) Phenanthrene	17.58	178	1012025	37.867	ng		98
72) Anthracene	17.68	178	996408	37.850	ng		97
73) Carbazole	17.95	167	964386	36.707	ng		99
74) Di-n-butylphthalate	18.48	149	1123098	36.643	ng		99
75) Fluoranthene	19.58	202	1144827	36.905	ng		99
77) Benzidine	19.76	184	585343	36.481	ng		100
78) Pyrene	19.94	202	1160906	38.105	ng		99
80) Butylbenzylphthalate	20.81	149	505939	39.367	ng		92
81) Benzo(a)anthracene	21.81	228	1118324	38.672	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	442857	41.301	ng		99
83) Chrysene	21.88	228	1068555	38.817	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	716258	39.065	ng		99
85) Di-n-octyl phthalate	22.94	149	1186796	39.180	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1151474	38.986	ng	#	95
88) Benzo(b)fluoranthene	24.13	252	1058639	38.773	ng		99
89) Benzo(k)fluoranthene	24.20	252	1052274	38.387	ng		99
90) Benzo(a)pyrene	25.05	252	1029345	39.145	ng		98
91) Dibenzo(a,h)anthracene	29.18	278	946325	38.428	ng		97
92) Benzo(g,h,i)perylene	30.33	276	919282	37.453	ng		98

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

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