Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039660.D
Acq On : 28 Feb 2019 15:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 06:02:19 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	64108	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	285726	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	179562	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	361847	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	357418	20.00	ng		-0.02
87) Perylene-d12	25.20	264	377421	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	313980	83.82	ng		0.00
7) Phenol-d6	7.31	99	465523	84.43	ng		0.00
23) Nitrobenzene-d5	9.35	82	440125	96.23	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	156588	80.98	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	1019984	81.49	ng		-0.02
79) Terphenyl-d14	20.12	244	1256531	74.41	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	65657	40.072	ng		92
3) Pyridine	4.01	79	185979	42.872	ng		94
4) n-Nitrosodimethylamine	3.93	42	79000	36.414	ng		86
6) Aniline	7.49	93	275460	39.886	ng		99
8) 2-Chlorophenol	7.72	128	178848	43.681	ng		99
9) Benzaldehyde	7.31	77	114950	42.486	ng		97
10) Phenol	7.34	94	239773	41.718	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	187705	41.330	ng		98
12) 1,3-Dichlorobenzene	8.05	146	203374	41.002	ng		98
13) 1,4-Dichlorobenzene	8.20	146	209373	42.351	ng		97
14) 1,2-Dichlorobenzene	8.52	146	199188	41.619	ng		99
15) Benzyl Alcohol	8.41	79	177010	40.893	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	351899	34.312	ng		98
17) 2-Methylphenol	8.60	107	156615	42.108	ng		98
18) Hexachloroethane	9.25	117	71939	42.296	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	157098	40.145	ng		92
20) 3+4-Methylphenols	8.93	107	221816	43.309	ng		96
22) Acetophenone	9.00	105	305857	39.851	ng	#	93
24) Nitrobenzene	9.39	77	226286	45.797	ng		99
25) Isophorone	9.90	82	384907	37.977	ng		98
26) 2-Nitrophenol	10.10	139	115488	56.430	ng		95
27) 2,4-Dimethylphenol	10.14	122	167579	40.873	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	250011	40.048	ng		98
29) 2,4-Dichlorophenol	10.63	162	200927	44.840	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	217196	43.173	ng		99
31) Naphthalene	11.04	128	555136	39.164	ng		98
32) Benzoic acid	10.26	122	93215	37.216	ng		97
33) 4-Chloroaniline	11.15	127	258318	39.304	ng		99
34) Hexachlorobutadiene	11.30	225	147118	43.973	ng		96
35) Caprolactam	11.94	113	68997	37.210	ng	#	88
36) 4-Chloro-3-methylphenol	12.25	107	207484	40.037	ng		98
37) 2-Methylnaphthalene	12.63	142	408423	38.903	ng		96
38) 1-Methylnaphthalene	12.85	142	391096	38.646	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	255693	44.755	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	132649	42.609	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	161201	45.890	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	168583	45.790	ng		98
46) 1,1'-Biphenyl	13.63	154	605142	40.505	ng		98
47) 2-Chloronaphthalene	13.67	162	468881	41.719	ng		99
48) 2-Nitroaniline	13.88	65	147845	46.174	ng		93
49) Acenaphthylene	14.52	152	670638	39.545	ng		99
50) Dimethylphthalate	14.24	163	566057	39.033	ng		100
51) 2,6-Dinitrotoluene	14.37	165	127105	47.046	ng		98
52) Acenaphthene	14.86	154	422750	38.403	ng		99
53) 3-Nitroaniline	14.70	138	124371	43.187	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	34631	38.944	ng		95
55) Dibenzofuran	15.18	168	694004	39.320	ng		98
56) 4-Nitrophenol	14.99	139	83270	35.251	ng		93
57) 2,4-Dinitrotoluene	15.15	165	170833	49.009	ng		85
58) Fluorene	15.84	166	493399	37.500	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	140264	40.690	ng		97
60) Diethylphthalate	15.59	149	541858	36.138	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	303860	40.786	ng		96
62) 4-Nitroaniline	15.87	138	116655	39.204	ng		93
63) Azobenzene	16.11	77	495122	33.784	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	81167	54.148	ng		95
66) n-Nitrosodiphenylamine	16.04	169	476291	43.289	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	185718	46.264	ng		92
68) Hexachlorobenzene	16.83	284	184131	45.718	ng		92
69) Atrazine	16.97	200	129132	32.116	ng		98
70) Pentachlorophenol	17.17	266	98327	35.127	ng		94
71) Phenanthrene	17.58	178	736104	39.305	ng		99
72) Anthracene	17.67	178	717828	38.912	ng		99
73) Carbazole	17.94	167	680352	36.955	ng		98
74) Di-n-butylphthalate	18.47	149	760975	35.431	ng		100
75) Fluoranthene	19.58	202	820522	37.747	ng		99
77) Benzidine	19.75	184	346746	29.590	ng		97
78) Pyrene	19.94	202	835084	37.531	ng		98
80) Butylbenzylphthalate	20.81	149	379669	40.451	ng		93
81) Benzo(a)anthracene	21.80	228	843764	39.952	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	327785	41.857	ng		99
83) Chrysene	21.88	228	810164	40.298	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	528312	39.454	ng		98
85) Di-n-octyl phthalate	22.93	149	884103	39.964	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	926733	42.963	ng	#	97
88) Benzo(b)fluoranthene	24.12	252	826860	40.172	ng		98
89) Benzo(k)fluoranthene	24.19	252	802047	38.812	ng		99
90) Benzo(a)pyrene	25.04	252	788050	39.755	ng		99
91) Dibenzo(a,h)anthracene	29.15	278	755210	40.681	ng		98
92) Benzo(g,h,i)perylene	30.31	276	750196	40.544	ng		99

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

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