Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040376.D
Acq On : 5 Apr 2019 1:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 05 02:35:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62889	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	263139	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	158093	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	388604	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	419804	20.00	ng		-0.03
87) Perylene-d12	24.97	264	451253	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	311508	82.34	ng		-0.02
7) Phenol-d6	7.20	99	416365	79.64	ng		-0.02
23) Nitrobenzene-d5	9.22	82	388745	78.53	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	153638	89.92	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	867146	81.28	ng		-0.02
79) Terphenyl-d14	20.02	244	1350069	72.35	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	73794	41.485	ng		96
3) Pyridine	3.91	79	195956	40.915	ng		98
4) n-Nitrosodimethylamine	3.82	42	85513	38.599	ng	#	85
6) Aniline	7.38	93	262917	38.707	ng		95
8) 2-Chlorophenol	7.61	128	175617	39.657	ng		96
9) Benzaldehyde	7.19	77	133165	37.132	ng		99
10) Phenol	7.23	94	228731	40.307	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	176361	38.802	ng		98
12) 1,3-Dichlorobenzene	7.93	146	193431	40.182	ng		98
13) 1,4-Dichlorobenzene	8.08	146	192873	40.227	ng		98
14) 1,2-Dichlorobenzene	8.40	146	181311	39.544	ng		98
15) Benzyl Alcohol	8.29	79	153631	36.488	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	322207	36.938	ng		98
17) 2-Methylphenol	8.48	107	151963	38.699	ng		97
18) Hexachloroethane	9.12	117	71088	38.979	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	135373	36.114	ng		96
20) 3+4-Methylphenols	8.81	107	202620	38.089	ng		98
22) Acetophenone	8.88	105	255367	38.904	ng	#	96
24) Nitrobenzene	9.26	77	202856	39.570	ng		96
25) Isophorone	9.78	82	384156	37.714	ng		98
26) 2-Nitrophenol	9.98	139	98077	40.376	ng		97
27) 2,4-Dimethylphenol	10.02	122	154045	39.924	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	236124	39.182	ng		98
29) 2,4-Dichlorophenol	10.50	162	171358	40.915	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	183852	39.979	ng		99
31) Naphthalene	10.91	128	539509	40.000	ng		98
32) Benzoic acid	10.16	122	73520	31.537	ng		91
33) 4-Chloroaniline	11.03	127	227189	39.489	ng		97
34) Hexachlorobutadiene	11.17	225	116855	39.732	ng		95
35) Caprolactam	11.82	113	62754	37.758	ng		95
36) 4-Chloro-3-methylphenol	12.13	107	193638	40.218	ng		98
37) 2-Methylnaphthalene	12.51	142	394465	39.544	ng		99
38) 1-Methylnaphthalene	12.73	142	380850	39.372	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	205761	40.949	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	93604	33.927	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	132584	40.926	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	150948	42.748	ng		97
46) 1,1'-Biphenyl	13.51	154	505566	40.473	ng		97
47) 2-Chloronaphthalene	13.56	162	387424	40.434	ng		98
48) 2-Nitroaniline	13.77	65	132022	40.849	ng		99
49) Acenaphthylene	14.41	152	660720	40.671	ng		99
50) Dimethylphthalate	14.13	163	497271	40.190	ng		99
51) 2,6-Dinitrotoluene	14.26	165	114426	41.187	ng		99
52) Acenaphthene	14.75	154	375802	40.370	ng		98
53) 3-Nitroaniline	14.59	138	122389	41.618	ng		91
54) 2,4-Dinitrophenol	14.80	184	51279	34.707	ng		92
55) Dibenzofuran	15.08	168	615547	41.151	ng		99
56) 4-Nitrophenol	14.89	139	96566	40.686	ng		95
57) 2,4-Dinitrotoluene	15.05	165	164300	42.561	ng	#	98
58) Fluorene	15.72	166	486912	41.403	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138870	43.339	ng		98
60) Diethylphthalate	15.48	149	514885	40.666	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	261216	41.553	ng		99
62) 4-Nitroaniline	15.76	138	134805	42.714	ng		98
63) Azobenzene	16.00	77	484410	40.561	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	86620	39.675	ng		98
66) n-Nitrosodiphenylamine	15.93	169	448715	39.459	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	172166	39.369	ng		98
68) Hexachlorobenzene	16.72	284	178895	40.686	ng		95
69) Atrazine	16.87	200	169045	39.962	ng		97
70) Pentachlorophenol	17.07	266	93795	36.897	ng		96
71) Phenanthrene	17.47	178	829241	40.598	ng		99
72) Anthracene	17.55	178	830143	40.605	ng		99
73) Carbazole	17.83	167	801972	41.449	ng		99
74) Di-n-butylphthalate	18.36	149	929714	40.537	ng		99
75) Fluoranthene	19.47	202	1027565	42.485	ng		99
77) Benzidine	19.66	184	497370	32.809	ng		98
78) Pyrene	19.83	202	1042793	37.773	ng		99
80) Butylbenzylphthalate	20.70	149	456910	38.678	ng		95
81) Benzo(a)anthracene	21.67	228	1017845	39.363	ng		96
82) 3,3'-Dichlorobenzidine	21.59	252	387607	39.405	ng		98
83) Chrysene	21.74	228	996583	40.103	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	643646	38.115	ng		99
85) Di-n-octyl phthalate	22.77	149	1108532	38.530	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1236055	40.668	ng		99
88) Benzo(b)fluoranthene	23.92	252	1082309	39.175	ng		98
89) Benzo(k)fluoranthene	23.99	252	995090	39.167	ng		98
90) Benzo(a)pyrene	24.82	252	1014042	39.119	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	981926	40.786	ng		99
92) Benzo(g,h,i)perylene	29.92	276	1018086	41.148	ng		98

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

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