Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039870.D
Acq On : 12 Mar 2019 12:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 13 05:46:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38657	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	183411	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	124741	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	310182	20.00	ng		0.00
76) Chrysene-d12	21.81	240	316359	20.00	ng		0.00
87) Perylene-d12	25.18	264	329410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	189938	83.82	ng		0.00
7) Phenol-d6	7.30	99	287961	85.23	ng		0.00
23) Nitrobenzene-d5	9.33	82	278107	82.01	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	120816	83.10	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	677351	77.31	ng		0.00
79) Terphenyl-d14	20.11	244	1116876	77.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	41680	39.842	ng		94
3) Pyridine	4.00	79	120222	42.927	ng		97
4) n-Nitrosodimethylamine	3.91	42	58754	44.222	ng		92
6) Aniline	7.48	93	179731	40.604	ng		99
8) 2-Chlorophenol	7.71	128	111062	40.401	ng		99
9) Benzaldehyde	7.30	77	84394	38.723	ng		95
10) Phenol	7.33	94	156084	42.644	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	115661	40.530	ng		96
12) 1,3-Dichlorobenzene	8.04	146	126580	40.713	ng		98
13) 1,4-Dichlorobenzene	8.19	146	128626	40.616	ng		99
14) 1,2-Dichlorobenzene	8.51	146	124627	40.731	ng		98
15) Benzyl Alcohol	8.39	79	114360	42.670	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	230710	40.423	ng		100
17) 2-Methylphenol	8.58	107	98201	42.077	ng		98
18) Hexachloroethane	9.23	117	45772	40.281	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	97095	39.926	ng		93
20) 3+4-Methylphenols	8.91	107	137618	42.445	ng		97
22) Acetophenone	8.98	105	192755	39.156	ng	#	95
24) Nitrobenzene	9.38	77	145273	40.834	ng		95
25) Isophorone	9.89	82	282335	39.734	ng		100
26) 2-Nitrophenol	10.08	139	73910	43.029	ng		92
27) 2,4-Dimethylphenol	10.12	122	107444	40.219	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	165539	38.336	ng		97
29) 2,4-Dichlorophenol	10.62	162	125401	41.692	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	132382	39.113	ng		94
31) Naphthalene	11.03	128	384383	39.583	ng		99
32) Benzoic acid	10.26	122	60603	35.096	ng		95
33) 4-Chloroaniline	11.14	127	168167	40.839	ng		97
34) Hexachlorobutadiene	11.29	225	87897	38.004	ng		91
35) Caprolactam	11.93	113	47462	41.309	ng		93
36) 4-Chloro-3-methylphenol	12.24	107	143816	41.711	ng		95
37) 2-Methylnaphthalene	12.62	142	290439	40.005	ng		99
38) 1-Methylnaphthalene	12.84	142	282590	40.053	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167990	39.752	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	79974	35.314	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	105089	42.476	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	116152	41.650	ng		99
46) 1,1'-Biphenyl	13.62	154	407436	39.712	ng		100
47) 2-Chloronaphthalene	13.66	162	304748	39.484	ng		100
48) 2-Nitroaniline	13.88	65	107734	43.434	ng		96
49) Acenaphthylene	14.50	152	508157	40.106	ng		99
50) Dimethylphthalate	14.23	163	411074	39.410	ng		100
51) 2,6-Dinitrotoluene	14.36	165	92485	41.825	ng		99
52) Acenaphthene	14.85	154	305117	40.010	ng		99
53) 3-Nitroaniline	14.69	138	94733	42.619	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	54702	41.906	ng		98
55) Dibenzofuran	15.17	168	502924	40.195	ng		99
56) 4-Nitrophenol	14.98	139	75859	38.150	ng		92
57) 2,4-Dinitrotoluene	15.14	165	133590	42.995	ng		88
58) Fluorene	15.83	166	394375	40.095	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	116001	42.592	ng		96
60) Diethylphthalate	15.58	149	407887	39.502	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	207493	39.532	ng		98
62) 4-Nitroaniline	15.86	138	101615	42.168	ng		98
63) Azobenzene	16.10	77	378812	40.472	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	70433	38.404	ng		99
66) n-Nitrosodiphenylamine	16.03	169	359973	40.087	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	134632	38.777	ng		94
68) Hexachlorobenzene	16.82	284	144384	40.118	ng		95
69) Atrazine	16.97	200	141344	39.994	ng		99
70) Pentachlorophenol	17.17	266	83843	36.888	ng		98
71) Phenanthrene	17.57	178	665196	38.934	ng		99
72) Anthracene	17.66	178	660372	39.664	ng		99
73) Carbazole	17.93	167	592967	39.506	ng		98
74) Di-n-butylphthalate	18.46	149	707359	40.055	ng		99
75) Fluoranthene	19.57	202	802192	39.729	ng		99
77) Benzidine	19.75	184	440031	43.832	ng		99
78) Pyrene	19.93	202	803083	39.066	ng		99
80) Butylbenzylphthalate	20.80	149	329402	41.359	ng		94
81) Benzo(a)anthracene	21.79	228	785761	39.631	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	285419	39.429	ng		97
83) Chrysene	21.86	228	758014	39.435	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	459717	41.076	ng		100
85) Di-n-octyl phthalate	22.91	149	776777	41.917	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	860975	39.483	ng	#	95
88) Benzo(b)fluoranthene	24.10	252	774517	39.429	ng		98
89) Benzo(k)fluoranthene	24.17	252	710116	38.836	ng		99
90) Benzo(a)pyrene	25.02	252	725962	39.994	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	661872	37.194	ng		97
92) Benzo(g,h,i)perylene	30.28	276	671803	37.590	ng		98

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

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