Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041690.D
Acq On : 17 Jul 2019 15:26
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 18 07:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102547	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	436416	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	268598	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	623948	20.00	ng		0.00
76) Chrysene-d12	21.65	240	586761	20.00	ng		0.00
87) Perylene-d12	24.85	264	684133	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	510740	81.42	ng		0.00
7) Phenol-d6	7.20	99	684664	81.15	ng		0.00
23) Nitrobenzene-d5	9.20	82	616312	85.88	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	265524	87.72	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1441976	83.13	ng		0.00
79) Terphenyl-d14	20.00	244	2084400	83.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	117195	39.337	ng		99
3) Pyridine	3.90	79	329356	41.414	ng		98
4) n-Nitrosodimethylamine	3.81	42	143082	38.959	ng		96
6) Aniline	7.37	93	448712	39.570	ng		99
8) 2-Chlorophenol	7.61	128	286625	40.361	ng		99
9) Benzaldehyde	7.18	77	214409	41.707	ng		95
10) Phenol	7.22	94	358412	40.319	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	287793	40.086	ng		97
12) 1,3-Dichlorobenzene	7.94	146	344201	40.620	ng		99
13) 1,4-Dichlorobenzene	8.08	146	344548	40.602	ng		96
14) 1,2-Dichlorobenzene	8.40	146	325680	40.706	ng		98
15) Benzyl Alcohol	8.28	79	265628	39.544	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	580878	39.046	ng		99
17) 2-Methylphenol	8.48	107	248241	40.380	ng		98
18) Hexachloroethane	9.14	117	124765	40.141	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	242751	39.363	ng		97
20) 3+4-Methylphenols	8.80	107	344008	40.834	ng		98
22) Acetophenone	8.87	105	431861	40.630	ng	#	96
24) Nitrobenzene	9.25	77	332380	42.459	ng		98
25) Isophorone	9.77	82	642140	40.865	ng		98
26) 2-Nitrophenol	9.96	139	159150	44.674	ng		95
27) 2,4-Dimethylphenol	10.01	122	252653	40.637	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	396622	40.953	ng		99
29) 2,4-Dichlorophenol	10.50	162	298191	42.066	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	341579	41.040	ng		98
31) Naphthalene	10.90	128	885574	41.217	ng		98
32) Benzoic acid	10.14	122	203377	43.704	ng		96
33) 4-Chloroaniline	11.00	127	399135	40.273	ng		99
34) Hexachlorobutadiene	11.20	225	222759	41.641	ng		99
35) Caprolactam	11.77	113	107558	41.281	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	307385	41.393	ng		99
37) 2-Methylnaphthalene	12.51	142	676884	41.236	ng		99
38) 1-Methylnaphthalene	12.72	142	648048	41.410	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	382254	41.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	218635	42.009	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	253173	42.350	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	271048	43.033	ng		98
46) 1,1'-Biphenyl	13.50	154	829150	41.204	ng		98
47) 2-Chloronaphthalene	13.55	162	692455	41.289	ng		98
48) 2-Nitroaniline	13.73	65	219149	44.881	ng		99
49) Acenaphthylene	14.39	152	1085191	41.450	ng		97
50) Dimethylphthalate	14.12	163	878447	41.642	ng		99
51) 2,6-Dinitrotoluene	14.23	165	200520	44.813	ng		98
52) Acenaphthene	14.73	154	683566	41.431	ng		98
53) 3-Nitroaniline	14.56	138	212324	43.468	ng		95
54) 2,4-Dinitrophenol	14.76	184	92604	44.722	ng	#	87
55) Dibenzofuran	15.06	168	1029398	41.578	ng		98
56) 4-Nitrophenol	14.85	139	173034	43.755	ng		96
57) 2,4-Dinitrotoluene	15.01	165	278682	47.116	ng		97
58) Fluorene	15.71	166	821110	40.760	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	254705	43.803	ng		98
60) Diethylphthalate	15.48	149	877983	41.313	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	470150	41.287	ng		99
62) 4-Nitroaniline	15.71	138	225263	43.484	ng		98
63) Azobenzene	16.00	77	773535	40.260	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	133028	45.341	ng		98
66) n-Nitrosodiphenylamine	15.91	169	751683	41.024	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	314634	42.380	ng		99
68) Hexachlorobenzene	16.71	284	315935	42.260	ng		97
69) Atrazine	16.85	200	263031	39.557	ng		99
70) Pentachlorophenol	17.05	266	205763	44.018	ng		97
71) Phenanthrene	17.45	178	1316730	41.905	ng		97
72) Anthracene	17.54	178	1311773	41.881	ng		97
73) Carbazole	17.79	167	1217090	41.899	ng		96
74) Di-n-butylphthalate	18.36	149	1437954	40.587	ng		97
75) Fluoranthene	19.44	202	1576186	40.851	ng		96
77) Benzidine	19.62	184	819898	39.557	ng		99
78) Pyrene	19.80	202	1577135	39.742	ng		95
80) Butylbenzylphthalate	20.70	149	692118	41.970	ng		93
81) Benzo(a)anthracene	21.63	228	1584472	41.795	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	611937	41.019	ng		98
83) Chrysene	21.70	228	1508864	41.652	ng		95
84) Bis(2-ethylhexyl)phthalate	21.56	149	957703	41.132	ng		97
85) Di-n-octyl phthalate	22.77	149	1656776	41.784	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1965928	41.130	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1706165	41.115	ng		98
89) Benzo(k)fluoranthene	23.90	252	1630656	42.407	ng		98
90) Benzo(a)pyrene	24.70	252	1629028	41.491	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1571801	41.289	ng		99
92) Benzo(g,h,i)perylene	29.64	276	1570642	41.171	ng		97

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

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