Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046226.D
Acq On : 12 Aug 2020 11:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02042

Quant Time: Aug 12 13:13:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 13:12:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	83206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	330993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.57	164	216435	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	518067	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	588125	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	609638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	14074	8.35	ng/uL	0.00
5) Phenol-d5	7.11	99	129634	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	78850	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	107444	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	106819	19.39	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	51415	22.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	59107	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	113196	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	132141	21.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	345453	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	409031	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	58073	21.07	ng/ul	0.00
58) Fluorene-d10	15.57	176	315205	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	62465	24.09	ng/ul	0.00
71) Anthracene-d10	17.42	188	494397	20.69	ng/ul	0.00
79) Pyrene-d10	19.70	212	611257	19.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.45	264	678511	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	17625	8.544	ng/uL	92
4) Benzaldehyde	7.08	77	88739	19.062	ng/ul	95
6) Phenol	7.14	94	136998	20.370	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.36	93	111577	20.270	ng/ul	99
10) 2-Chlorophenol	7.52	128	107883	20.362	ng/ul	99
11) 2-Methylphenol	8.39	108	105051	19.384	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.48	45	178361	19.172	ng/ul	98
14) Acetophenone	8.76	105	160242	19.715	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.75	70	82690	18.803	ng/ul	98
16) 4-Methylphenol	8.72	108	112586	19.391	ng/ul	95
17) Hexachloroethane	9.03	117	45558	20.264	ng/ul	96
20) Nitrobenzene	9.14	77	120268	20.031	ng/ul	98
21) Isophorone	9.67	82	231370	19.719	ng/ul	97
23) 2-Nitrophenol	9.86	139	64004	23.937	ng/ul	96
24) 2,4-Dimethylphenol	9.92	107	118446	19.990	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.15	93	144441	19.461	ng/ul	99
27) 2,4-Dichlorophenol	10.39	162	110447	20.729	ng/ul	96
28) Naphthalene	10.80	128	352739	19.913	ng/ul	99
30) 4-Chloroaniline	10.90	127	129195	22.063	ng/ul	93
31) Hexachlorobutadiene	11.10	225	86099	20.999	ng/ul	95
32) Caprolactam	11.65	113	35810	19.937	ng/ul	81
33) 4-Chloro-3-methylphenol	12.02	107	109943	20.125	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	263979	19.822	ng/ul	100

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35) 1-Methylnaphthalene	12.62	142	257237	19.558	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	158535	21.188	ng/ul	97
38) Hexachlorocyclopentadiene	12.76	237	95593	22.313	ng/ul	100
39) 2,4,6-Trichlorophenol	13.01	196	96220	21.999	ng/ul	99
40) 2,4,5-Trichlorophenol	13.08	196	102419	21.540	ng/ul	99
41) 1,1'-Biphenyl	13.41	154	340760	20.349	ng/ul	98
42) 2-Chloronaphthalene	13.45	162	272976	20.431	ng/ul	99
43) 2-Nitroaniline	13.65	65	67341	21.381	ng/ul	98
45) Dimethylphthalate	14.03	163	346112	20.445	ng/ul	100
46) 2,6-Dinitrotoluene	14.14	165	72836	22.561	ng/ul	94
48) Acenaphthylene	14.30	152	417510	20.369	ng/ul	100
49) 3-Nitroaniline	14.47	138	65887	21.666	ng/ul	98
50) Acenaphthene	14.64	153	295040	19.992	ng/ul	97
51) 2,4-Dinitrophenol	14.67	184	31149	21.796	ng/ul	94
53) 4-Nitrophenol	14.78	109	41300	20.877	ng/ul	99
54) Dibenzofuran	14.97	168	412996	20.521	ng/ul	100
55) 2,4-Dinitrotoluene	14.93	165	106224	23.105	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.20	232	98806	22.287	ng/ul#	90
57) Diethylphthalate	15.40	149	349637	20.909	ng/ul	98
59) Fluorene	15.62	166	349860	20.499	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.62	204	184965	20.629	ng/ul	95
61) 4-Nitroaniline	15.63	138	73159	21.579	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.69	198	66836	24.200	ng/ul	100
65) N-Nitrosodiphenylamine	15.83	169	298264	19.800	ng/ul	99
66) 4-Bromophenyl-phenylether	16.51	248	131892	20.487	ng/ul	96
67) Hexachlorobenzene	16.63	284	150568	20.719	ng/ul	98
68) Atrazine	16.78	200	126637	21.030	ng/ul	96
69) Pentachlorophenol	16.97	266	82123	21.202	ng/ul	96
70) Phenanthrene	17.36	178	585534	20.251	ng/ul	99
72) Anthracene	17.45	178	596931	20.721	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	156227	20.081	ng/uL	98
74) Pentachlorobenzene	14.90	250	157822	20.088	ng/uL	98
75) Carbazole	17.71	167	527078	22.800	ng/ul	100
76) Di-n-butylphthalate	18.29	149	641198	22.542	ng/ul	99
77) Fluoranthene	19.37	202	786719	24.806	ng/ul	98
80) Pyrene	19.73	202	789147	19.844	ng/ul	99
81) Butylbenzylphthalate	20.62	149	296913	21.752	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.46	252	283563	22.464	ng/ul	99
83) Benzo(a)anthracene	21.54	228	788447	20.356	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	417952	21.048	ng/ul	100
85) Chrysene	21.61	228	766196	20.350	ng/ul	100
87) Di-n-octyl phthalate	22.65	149	705901	22.159	ng/ul	100
88) Benzo(b)fluoranthene	23.69	252	809651	19.658	ng/ul	99
89) Benzo(k)fluoranthene	23.75	252	826710	20.443	ng/ul	98
91) Benzo(a)pyrene	24.52	252	763077	20.203	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.18	276	938047	19.888	ng/ul	97
93) Dibenzo(a,h)anthracene	28.23	278	769978	19.954	ng/ul	98
94) Benzo(g,h,i)perylene	29.27	276	792677	19.883	ng/ul	98

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

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