Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046186.D
Acq On : 6 Aug 2020 20:18
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02041

Quant Time: Aug 07 01:27:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 10:37:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	114440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	453447	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	304266	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	688542	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	683386	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	738229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	18543	8.00	ng/uL	0.00
5) Phenol-d5	7.12	99	178412	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	101072	18.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	147878	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	147780	19.50	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	70137	21.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	81032	24.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	162493	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	183693	22.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	472582	19.91	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	570790	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	80724	20.83	ng/ul	0.00
58) Fluorene-d10	15.57	176	428637	19.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	73284	21.27	ng/ul	0.00
71) Anthracene-d10	17.42	188	648179	20.41	ng/ul	0.00
79) Pyrene-d10	19.70	212	735922	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	816851	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	23013	8.111	ng/uL	95
4) Benzaldehyde	7.09	77	119975	18.738	ng/ul	98
6) Phenol	7.14	94	182416	19.720	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.37	93	147799	19.522	ng/ul	98
10) 2-Chlorophenol	7.52	128	148115	20.326	ng/ul	98
11) 2-Methylphenol	8.39	108	145681	19.545	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.48	45	221510	17.312	ng/ul	96
14) Acetophenone	8.77	105	218241	19.523	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.75	70	114672	18.958	ng/ul	93
16) 4-Methylphenol	8.72	108	156414	19.587	ng/ul	97
17) Hexachloroethane	9.04	117	60200	19.468	ng/ul	97
20) Nitrobenzene	9.15	77	163241	19.846	ng/ul	95
21) Isophorone	9.67	82	320049	19.911	ng/ul	98
23) 2-Nitrophenol	9.86	139	87413	23.863	ng/ul	97
24) 2,4-Dimethylphenol	9.92	107	161781	19.930	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.15	93	196834	19.359	ng/ul	99
27) 2,4-Dichlorophenol	10.39	162	158243	21.680	ng/ul	98
28) Naphthalene	10.80	128	478798	19.730	ng/ul	99
30) 4-Chloroaniline	10.90	127	175019	21.817	ng/ul	97
31) Hexachlorobutadiene	11.10	225	117683	20.951	ng/ul	99
32) Caprolactam	11.65	113	51416	20.896	ng/ul	96
33) 4-Chloro-3-methylphenol	12.03	107	154897	20.697	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	364127	19.958	ng/ul	99

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35) 1-Methylnaphthalene	12.63	142	356156	19.766 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	220646	20.976 ng/ul	98
38) Hexachlorocyclopentadiene	12.76	237	105928	17.588 ng/ul	99
39) 2,4,6-Trichlorophenol	13.01	196	137453	22.354 ng/ul	99
40) 2,4,5-Trichlorophenol	13.08	196	148414	22.204 ng/ul	96
41) 1,1'-Biphenyl	13.41	154	466209	19.804 ng/ul	96
42) 2-Chloronaphthalene	13.46	162	380380	20.252 ng/ul	99
43) 2-Nitroaniline	13.65	65	92008	20.780 ng/ul	96
45) Dimethylphthalate	14.03	163	471123	19.796 ng/ul	99
46) 2,6-Dinitrotoluene	14.14	165	103204	22.740 ng/ul	91
48) Acenaphthylene	14.30	152	577441	20.039 ng/ul	100
49) 3-Nitroaniline	14.47	138	92030	21.527 ng/ul	99
50) Acenaphthene	14.64	153	410264	19.775 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	35327	17.584 ng/ul	96
53) 4-Nitrophenol	14.78	109	51386	18.478 ng/ul	97
54) Dibenzofuran	14.98	168	567433	20.055 ng/ul	99
55) 2,4-Dinitrotoluene	14.93	165	143540	22.209 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.20	232	142704	22.897 ng/ul	94
57) Diethylphthalate	15.40	149	459763	19.558 ng/ul	97
59) Fluorene	15.62	166	475775	19.830 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.62	204	250532	19.875 ng/ul	95
61) 4-Nitroaniline	15.63	138	101222	21.238 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.69	198	78021	21.255 ng/ul	98
65) N-Nitrosodiphenylamine	15.83	169	408588	20.408 ng/ul	99
66) 4-Bromophenyl-phenylether	16.51	248	179874	21.022 ng/ul	94
67) Hexachlorobenzene	16.63	284	205006	21.226 ng/ul	97
68) Atrazine	16.78	200	166766	20.837 ng/ul	98
69) Pentachlorophenol	16.97	266	110609	21.486 ng/ul	95
70) Phenanthrene	17.36	178	768440	19.997 ng/ul	100
72) Anthracene	17.45	178	776593	20.283 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	221234	21.397 ng/uL	97
74) Pentachlorobenzene	14.90	250	220272	21.095 ng/uL	97
75) Carbazole	17.71	167	675616	21.989 ng/ul	99
76) Di-n-butylphthalate	18.29	149	786686	20.809 ng/ul	99
77) Fluoranthene	19.37	202	943693	22.388 ng/ul	99
80) Pyrene	19.73	202	931878	20.167 ng/ul	99
81) Butylbenzylphthalate	20.62	149	344147	21.698 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.46	252	328080	22.367 ng/ul	100
83) Benzo(a)anthracene	21.55	228	914676	20.324 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	493880	21.405 ng/ul	100
85) Chrysene	21.61	228	888786	20.315 ng/ul	100
87) Di-n-octyl phthalate	22.65	149	855973	22.190 ng/ul	100
88) Benzo(b)fluoranthene	23.69	252	980569	19.661 ng/ul	98
89) Benzo(k)fluoranthene	23.75	252	982954	20.073 ng/ul	100
91) Benzo(a)pyrene	24.52	252	900557	19.690 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.18	276	1135574	19.882 ng/ul	98
93) Dibenzo(a,h)anthracene	28.24	278	939235	20.100 ng/ul	99
94) Benzo(g,h,i)perylene	29.27	276	961047	19.907 ng/ul	99

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

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