Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023062.D
Acq On : 09 Oct 2019 01:11
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Oct 09 02:01:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	183436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	744854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	417552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	771856	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	759049	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	909450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	36540	8.61	ng/uL	0.00
5) Phenol-d5	6.94	99	295524	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	166080	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	247449	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	230487	17.37	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	114958	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	121874	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	244096	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	271938	17.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	602948	18.61	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	746972	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	104688	16.35	ng/ul	0.00
58) Fluorene-d10	15.40	176	516356	18.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	83491	16.62	ng/ul	0.00
71) Anthracene-d10	17.25	188	747569	19.83	ng/ul	0.00
79) Pyrene-d10	19.54	212	790264	19.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	922691	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	35339	8.423	ng/uL	94
4) Benzaldehyde	6.92	77	109366	14.889	ng/ul	98
6) Phenol	6.97	94	312180	18.373	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	240984	18.753	ng/ul	99
10) 2-Chlorophenol	7.34	128	266981	19.070	ng/ul	99
11) 2-Methylphenol	8.22	108	235226	17.962	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	325282	19.145	ng/ul	99
14) Acetophenone	8.59	105	367218	18.102	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	184945	17.751	ng/ul	98
16) 4-Methylphenol	8.54	108	257226	17.764	ng/ul	98
17) Hexachloroethane	8.85	117	102773	19.316	ng/ul	96
20) Nitrobenzene	8.97	77	267753	19.953	ng/ul	99
21) Isophorone	9.50	82	493068	18.652	ng/ul	99
23) 2-Nitrophenol	9.68	139	139570	19.441	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	268998	19.244	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	319515	18.950	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	245568	19.412	ng/ul	99
28) Naphthalene	10.61	128	802345	19.946	ng/ul	100
30) 4-Chloroaniline	10.72	127	289618	18.110	ng/ul	99
31) Hexachlorobutadiene	10.90	225	155772	20.352	ng/ul	99
32) Caprolactam	11.50	113	60969	14.886	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	231441	17.771	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	566866	18.795	ng/ul	99

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35) 1-Methylnaphthalene	12.45	142	535864	18.603	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	299481	21.861	ng/ul	99
38) Hexachlorocyclopentadiene	12.58	237	219939	25.615	ng/ul	98
39) 2,4,6-Trichlorophenol	12.84	196	185067	20.368	ng/ul	98
40) 2,4,5-Trichlorophenol	12.91	196	197800	19.960	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	707983	20.708	ng/ul	99
42) 2-Chloronaphthalene	13.28	162	546566	20.911	ng/ul	100
43) 2-Nitroaniline	13.49	65	130770	19.292	ng/ul	99
45) Dimethylphthalate	13.87	163	622211	18.691	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	122131	18.400	ng/ul	96
48) Acenaphthylene	14.13	152	811976	20.103	ng/ul	100
49) 3-Nitroaniline	14.31	138	112873	17.531	ng/ul	100
50) Acenaphthene	14.47	153	559893	19.898	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	67925	16.034	ng/ul	99
53) 4-Nitrophenol	14.62	109	79433	16.974	ng/ul	99
54) Dibenzofuran	14.81	168	781507	19.447	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	171707	17.533	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.03	232	161831	18.561	ng/ul	97
57) Diethylphthalate	15.23	149	597187	17.868	ng/ul	100
59) Fluorene	15.46	166	617026	19.000	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	315007	19.136	ng/ul	100
61) 4-Nitroaniline	15.47	138	119252	16.396	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.53	198	96257	17.136	ng/ul	100
65) N-Nitrosodiphenylamine	15.66	169	526343	20.747	ng/ul	100
66) 4-Bromophenyl-phenylether	16.34	248	193066	20.735	ng/ul	100
67) Hexachlorobenzene	16.46	284	215439	20.751	ng/ul	97
68) Atrazine	16.62	200	173507	18.707	ng/ul	99
69) Pentachlorophenol	16.80	266	123971	18.406	ng/ul	98
70) Phenanthrene	17.19	178	919672	19.964	ng/ul	99
72) Anthracene	17.29	178	936525	19.952	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	289765	24.056	ng/uL	98
74) Pentachlorobenzene	14.73	250	271310	22.565	ng/uL	100
75) Carbazole	17.55	167	817797	19.603	ng/ul	100
76) Di-n-butylphthalate	18.12	149	918239	18.669	ng/ul	100
77) Fluoranthene	19.21	202	1029794	19.876	ng/ul	99
80) Pyrene	19.57	202	1064697	19.787	ng/ul	98
81) Butylbenzylphthalate	20.47	149	408293	18.450	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.24	252	337540	19.521	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1078384	19.788	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	601820	19.141	ng/ul	100
85) Chrysene	21.37	228	1009563	20.093	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	1015445	16.418	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1145533	18.981	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	1084703	18.786	ng/ul	100
91) Benzo(a)pyrene	23.48	252	1107749	19.564	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.86	276	1348152	22.416	ng/ul	99
93) Dibenzo(a,h)anthracene	25.87	278	1124948	22.360	ng/ul	100
94) Benzo(g,h,i)perylene	26.56	276	1130143	23.292	ng/ul	98

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

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