Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024376.D
Acq On : 30 Dec 2019 16:58
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02006

Quant Time: Dec 30 17:31:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 30 14:11:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	242454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	992178	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	575334	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1154283	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1130215	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1342141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	51363	9.36	ng/uL	0.00
5) Phenol-d5	6.61	99	401137	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	262364	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	312825	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	306968	16.36	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	143748	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	152988	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	288779	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	360344	19.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	783923	18.43	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	996462	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	111949	14.66	ng/ul	0.00
58) Fluorene-d10	15.07	176	691994	18.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	114093	16.20	ng/ul	0.00
71) Anthracene-d10	16.93	188	1022680	19.47	ng/ul	0.00
79) Pyrene-d10	19.24	212	1089915	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1317912	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	53395	8.783	ng/uL	91
4) Benzaldehyde	6.57	77	302074	20.354	ng/ul	97
6) Phenol	6.64	94	420648	17.745	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.86	93	341628	18.598	ng/ul	96
10) 2-Chlorophenol	6.98	128	322048	19.178	ng/ul	97
11) 2-Methylphenol	7.87	108	298109	16.914	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.94	45	415544	19.642	ng/ul	98
14) Acetophenone	8.23	105	466199	16.473	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.22	70	272569	17.434	ng/ul	96
16) 4-Methylphenol	8.20	108	322502	16.481	ng/ul	98
17) Hexachloroethane	8.46	117	142852	20.610	ng/ul	95
20) Nitrobenzene	8.60	77	418709	21.128	ng/ul	97
21) Isophorone	9.13	82	700270	18.905	ng/ul	99
23) 2-Nitrophenol	9.31	139	168814	19.561	ng/ul	93
24) 2,4-Dimethylphenol	9.38	107	363222	19.511	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	436099	18.951	ng/ul	100
27) 2,4-Dichlorophenol	9.85	162	282672	18.952	ng/ul	98
28) Naphthalene	10.22	128	1006926	19.367	ng/ul	99
30) 4-Chloroaniline	10.36	127	359063	19.221	ng/ul	99
31) Hexachlorobutadiene	10.50	225	183875	19.942	ng/ul	99
32) Caprolactam	11.15	113	79008	14.019	ng/ul	92
33) 4-Chloro-3-methylphenol	11.50	107	318489	17.795	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	663962	17.866	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	674128	17.772 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	320244	20.591 ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	120567	17.205 ng/ul	97
39) 2,4,6-Trichlorophenol	12.49	196	204305	19.863 ng/ul	99
40) 2,4,5-Trichlorophenol	12.57	196	214077	19.306 ng/ul	99
41) 1,1'-Biphenyl	12.89	154	830981	19.350 ng/ul	99
42) 2-Chloronaphthalene	12.93	162	678041	20.095 ng/ul	98
43) 2-Nitroaniline	13.16	65	207223	20.947 ng/ul	94
45) Dimethylphthalate	13.54	163	812729	18.381 ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	161089	18.495 ng/ul	97
48) Acenaphthylene	13.79	152	1062704	19.635 ng/ul	99
49) 3-Nitroaniline	14.00	138	155211	18.776 ng/ul	94
50) Acenaphthene	14.13	153	714622	19.203 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	84414	17.246 ng/ul	93
53) 4-Nitrophenol	14.34	109	95835	15.733 ng/ul	93
54) Dibenzofuran	14.48	168	976714	18.879 ng/ul	99
55) 2,4-Dinitrotoluene	14.48	165	240827	18.309 ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	14.72	232	179190	17.875 ng/ul	97
57) Diethylphthalate	14.93	149	829451	18.451 ng/ul	99
59) Fluorene	15.13	166	806676	18.464 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	387117	18.222 ng/ul	95
61) 4-Nitroaniline	15.18	138	160102	17.541 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.25	198	123785	16.459 ng/ul#	93
65) N-Nitrosodiphenylamine	15.36	169	665809	19.838 ng/ul	100
66) 4-Bromophenyl-phenylether	16.03	248	240947	19.638 ng/ul	98
67) Hexachlorobenzene	16.14	284	295106	19.643 ng/ul	100
68) Atrazine	16.32	200	229649	18.408 ng/ul	99
69) Pentachlorophenol	16.50	266	129170	16.408 ng/ul	96
70) Phenanthrene	16.87	178	1262425	19.536 ng/ul	98
72) Anthracene	16.97	178	1288147	19.828 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	318612	21.993 ng/uL	99
74) Pentachlorobenzene	14.40	250	329733	20.667 ng/uL	97
75) Carbazole	17.25	167	1102511	19.755 ng/ul	100
76) Di-n-butylphthalate	17.82	149	1380763	20.629 ng/ul	99
77) Fluoranthene	18.90	202	1426070	20.247 ng/ul	99
80) Pyrene	19.27	202	1490392	20.199 ng/ul	99
81) Butylbenzylphthalate	20.20	149	630292	21.683 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.98	252	519342	20.699 ng/ul	99
83) Benzo(a)anthracene	21.04	228	1425750	19.799 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	951296	21.960 ng/ul	98
85) Chrysene	21.09	228	1397788	19.804 ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1608768	22.185 ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1575310	19.616 ng/ul	100
89) Benzo(k)fluoranthene	22.59	252	1533748	19.465 ng/ul	99
91) Benzo(a)pyrene	23.08	252	1450165	19.961 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.26	276	1880836	21.561 ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1567426	21.432 ng/ul	98
94) Benzo(g,h,i)perylene	25.90	276	1573177	22.087 ng/ul	99

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

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