Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020980.D
Acq On : 17 Jun 2019 15:47
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02028

Quant Time: Jun 18 01:35:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 17 09:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	234818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1069621	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	715169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1719923	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1642025	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1568601	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	35969	7.27	ng/uL	0.00
5) Phenol-d5	6.96	99	421464	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	251486	20.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	342396	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	359593	21.08	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	179438	20.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	203954	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	411909	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	470161	22.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1347145	20.85	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1628748	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	228694	21.76	ng/ul	0.00
57) Fluorene-d10	15.43	176	1156127	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	208283	19.70	ng/ul	0.00
70) Anthracene-d10	17.27	188	1840222	20.59	ng/ul	0.00
78) Pyrene-d10	19.57	212	2005053	20.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1859703	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	36850	7.364	ng/uL	98
4) Benzaldehyde	6.95	77	191179	20.517	ng/ul	99
6) Phenol	6.99	94	402765	20.834	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	308564	20.913	ng/ul	98
10) 2-Chlorophenol	7.36	128	323415	20.665	ng/ul	99
11) 2-Methylphenol	8.23	108	312884	20.917	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.32	45	400238	21.243	ng/ul	99
14) Acetophenone	8.62	105	526544	21.444	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	280162	21.923	ng/ul	99
16) 4-Methylphenol	8.56	108	347067	21.322	ng/ul	95
17) Hexachloroethane	8.86	117	132512	20.313	ng/ul	97
20) Nitrobenzene	9.00	77	391492	20.064	ng/ul	99
21) Isophorone	9.52	82	782598	21.298	ng/ul	98
23) 2-Nitrophenol	9.70	139	200738	20.707	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	410732	20.739	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	464061	20.493	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	369916	20.727	ng/ul	99
28) Naphthalene	10.63	128	1114010	20.286	ng/ul	100
30) 4-Chloroaniline	10.75	127	439582	22.858	ng/ul	97
31) Hexachlorobutadiene	10.90	225	234797	19.309	ng/ul	99
32) Caprolactam	11.53	113	117240	23.368	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	395098	21.714	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	872883	20.730	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	495970	19.426	ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	270725	17.824	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	331025	20.864	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	352665	20.809	ng/ul	100
40) 1,1'-Biphenyl	13.26	154	1175687	19.928	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	926220	19.872	ng/ul	99
42) 2-Nitroaniline	13.52	65	244727	21.604	ng/ul	98
44) Dimethylphthalate	13.89	163	1226255	20.846	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	241241	21.487	ng/ul	99
47) Acenaphthylene	14.15	152	1388250	20.498	ng/ul	99
48) 3-Nitroaniline	14.35	138	220362	22.421	ng/ul	99
49) Acenaphthene	14.49	153	1012736	20.397	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	114303	20.266	ng/ul	94
52) 4-Nitrophenol	14.65	109	166654	21.435	ng/ul	98
53) Dibenzofuran	14.83	168	1443859	20.424	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	365130	22.411	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	325196	22.004	ng/ul	99
56) Diethylphthalate	15.26	149	1227533	21.629	ng/ul	100
58) Fluorene	15.48	166	1193522	20.779	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	641833	20.495	ng/ul	97
60) 4-Nitroaniline	15.51	138	238840	22.862	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	210293	19.814	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	1050449	20.166	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	417727	19.806	ng/ul	98
66) Hexachlorobenzene	16.47	284	485852	20.099	ng/ul	99
67) Atrazine	16.64	200	400010	21.167	ng/ul	99
68) Pentachlorophenol	16.83	266	265005	21.864	ng/ul	99
69) Phenanthrene	17.22	178	1941669	20.413	ng/ul	100
71) Anthracene	17.31	178	1998247	20.615	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	502040	18.555	ng/uL	100
73) Pentachlorobenzene	14.74	250	528117	18.969	ng/uL	99
74) Carbazole	17.59	167	1735543	21.725	ng/ul	100
75) Di-n-butylphthalate	18.14	149	2113482	22.036	ng/ul	100
76) Fluoranthene	19.23	202	2337272	22.741	ng/ul	98
79) Pyrene	19.60	202	2375488	20.463	ng/ul	99
80) Butylbenzylphthalate	20.50	149	962503	22.399	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.28	252	756543	20.556	ng/ul	98
82) Benzo(a)anthracene	21.34	228	2261167	20.199	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1361223	22.249	ng/ul	98
84) Chrysene	21.39	228	2105907	20.086	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	2168296	23.989	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	1995144	20.079	ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	2019600	21.128	ng/ul	100
90) Benzo(a)pyrene	23.54	252	1862805	19.918	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.94	276	2036189	18.489	ng/ul	99
92) Dibenzo(a,h)anthracene	25.95	278	1700202	18.352	ng/ul	99
93) Benzo(g,h,i)perylene	26.64	276	1637863	18.058	ng/ul	98

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

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