Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020922.D
Acq On : 13 Jun 2019 02:22
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02033

Quant Time: Jun 13 02:58:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	390111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1478868	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	799634	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1683842	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1668864	20.00	ng/ul	-0.01
85) Perylene-d12	23.64	264	1971452	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	66531	8.13	ng/uL	0.00
5) Phenol-d5	6.97	99	578738	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	334584	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	493277	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	453371	18.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	221695	21.96	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	257465	24.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	494356	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	575288	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1280345	21.65	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1648001	21.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	198788	19.58	ng/ul	0.00
57) Fluorene-d10	15.43	176	1078466	21.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	138860	16.13	ng/ul	0.00
70) Anthracene-d10	17.29	188	1603414	21.80	ng/ul	0.00
78) Pyrene-d10	19.58	212	1686081	20.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1962740	21.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	69667	8.107	ng/uL	93
4) Benzaldehyde	6.96	77	410961	18.274	ng/ul	98
6) Phenol	7.00	94	586861	19.100	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	454453	19.063	ng/ul	97
10) 2-Chlorophenol	7.37	128	504467	20.630	ng/ul	95
11) 2-Methylphenol	8.25	108	438195	19.193	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	559360	17.899	ng/ul	99
14) Acetophenone	8.63	105	699106	18.839	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.61	70	353414	18.091	ng/ul	98
16) 4-Methylphenol	8.57	108	470693	18.850	ng/ul	99
17) Hexachloroethane	8.87	117	205422	19.978	ng/ul	91
20) Nitrobenzene	9.01	77	529655	20.842	ng/ul	99
21) Isophorone	9.53	82	941885	20.060	ng/ul	99
23) 2-Nitrophenol	9.72	139	272456	23.385	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	524742	20.954	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	587740	20.175	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	483928	22.578	ng/ul	98
28) Naphthalene	10.65	128	1491978	21.480	ng/ul	99
30) 4-Chloroaniline	10.76	127	585551	21.939	ng/ul	97
31) Hexachlorobutadiene	10.92	225	337727	23.262	ng/ul	98
32) Caprolactam	11.55	113	121968	19.533	ng/ul	86
33) 4-Chloro-3-methylphenol	11.88	107	452355	20.452	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	1072369	21.020	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	612914	23.653	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	257862	16.036	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	376120	24.168	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	398784	23.593	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	1380113	22.240	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	1072466	22.457	ng/ul	98
42) 2-Nitroaniline	13.53	65	260901	21.039	ng/ul	99
44) Dimethylphthalate	13.90	163	1264168	21.345	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	251182	22.610	ng/ul	97
47) Acenaphthylene	14.16	152	1589310	21.903	ng/ul	99
48) 3-Nitroaniline	14.36	138	241276	22.565	ng/ul	98
49) Acenaphthene	14.50	153	1092122	21.561	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	63658	10.690	ng/ul	92
52) 4-Nitrophenol	14.66	109	156081	18.757	ng/ul	96
53) Dibenzofuran	14.84	168	1548440	21.611	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	357058	22.231	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	319535	22.499	ng/ul	92
56) Diethylphthalate	15.27	149	1238001	20.928	ng/ul	97
58) Fluorene	15.49	166	1229725	21.378	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	658951	21.503	ng/ul	95
60) 4-Nitroaniline	15.52	138	266062	21.912	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.57	198	146180	15.982	ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	1054298	22.268	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	419804	23.380	ng/ul	98
66) Hexachlorobenzene	16.49	284	470388	23.038	ng/ul	96
67) Atrazine	16.66	200	380939	21.833	ng/ul	99
68) Pentachlorophenol	16.84	266	176524	15.006	ng/ul	100
69) Phenanthrene	17.23	178	1850513	21.837	ng/ul	100
71) Anthracene	17.32	178	1883738	21.686	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	613741	24.586	ng/uL	99
73) Pentachlorobenzene	14.76	250	557232	23.702	ng/uL	99
74) Carbazole	17.60	167	1620961	21.458	ng/ul	98
75) Di-n-butylphthalate	18.15	149	1982153	20.989	ng/ul	99
76) Fluoranthene	19.24	202	2086821	21.488	ng/ul	98
79) Pyrene	19.61	202	2150182	20.872	ng/ul	96
80) Butylbenzylphthalate	20.50	149	858159	20.439	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.29	252	803363	21.718	ng/ul	99
82) Benzo(a)anthracene	21.35	228	2247722	21.591	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	1261858	17.820	ng/ul	99
84) Chrysene	21.40	228	2099441	21.733	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	2117454	18.118	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	2403874	20.961	ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	2288956	20.881	ng/ul	99
90) Benzo(a)pyrene	23.55	252	2311650	21.187	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	2854840	22.153	ng/ul	96
92) Dibenzo(a,h)anthracene	25.97	278	2412126	22.091	ng/ul	98
93) Benzo(g,h,i)perylene	26.67	276	2353262	22.509	ng/ul	96

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

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