Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
Data File : BM020924.D
Acq On : 13 Jun 2019 10:34
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02034

Quant Time: Jun 13 11:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	372537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1449433	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	828870	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1864433	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1837544	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	2075656	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	59643	7.63	ng/uL	0.00
5) Phenol-d5	6.97	99	549573	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	316705	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	465036	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	438608	19.13	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	222380	22.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	243585	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	493142	23.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	570178	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1316073	21.47	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	1687906	21.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	215626	20.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	1128260	21.65	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	156183	16.38	ng/ul	0.00
70) Anthracene-d10	17.29	188	1748771	21.47	ng/ul	0.00
78) Pyrene-d10	19.58	212	1875905	21.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2039779	21.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	63417	7.727	ng/uL	92
4) Benzaldehyde	6.95	77	387947	18.064	ng/ul	98
6) Phenol	7.00	94	558977	19.050	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	428880	18.839	ng/ul	98
10) 2-Chlorophenol	7.37	128	474456	20.318	ng/ul	94
11) 2-Methylphenol	8.24	108	418284	19.185	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	532213	17.833	ng/ul	100
14) Acetophenone	8.63	105	674034	19.021	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	347482	18.627	ng/ul	97
16) 4-Methylphenol	8.57	108	454659	19.067	ng/ul	100
17) Hexachloroethane	8.87	117	189883	19.338	ng/ul	96
20) Nitrobenzene	9.00	77	519639	20.864	ng/ul	99
21) Isophorone	9.53	82	911670	19.810	ng/ul	99
23) 2-Nitrophenol	9.71	139	263615	23.086	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	516746	21.053	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.01	93	570854	19.994	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	475351	22.628	ng/ul	98
28) Naphthalene	10.64	128	1452762	21.341	ng/ul	99
30) 4-Chloroaniline	10.76	127	571459	21.846	ng/ul	98
31) Hexachlorobutadiene	10.92	225	333566	23.442	ng/ul	100
32) Caprolactam	11.55	113	125260	20.467	ng/ul	95
33) 4-Chloro-3-methylphenol	11.88	107	454816	20.981	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	1065928	21.318	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	625054	23.270 ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	286220	17.171 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	380330	23.576 ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	410451	23.427 ng/ul	97
40) 1,1'-Biphenyl	13.27	154	1387663	21.573 ng/ul	99
41) 2-Chloronaphthalene	13.32	162	1089216	22.003 ng/ul	99
42) 2-Nitroaniline	13.53	65	273528	21.279 ng/ul	99
44) Dimethylphthalate	13.90	163	1309503	21.330 ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	263950	22.921 ng/ul	96
47) Acenaphthylene	14.16	152	1613616	21.453 ng/ul	100
48) 3-Nitroaniline	14.36	138	256092	23.105 ng/ul	99
49) Acenaphthene	14.50	153	1113470	21.207 ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	176604	28.612 ng/ul	93
52) 4-Nitrophenol	14.66	109	173614	20.128 ng/ul	95
53) Dibenzofuran	14.84	168	1612004	21.705 ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	378890	22.759 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	342088	23.238 ng/ul	92
56) Diethylphthalate	15.26	149	1295543	21.128 ng/ul	98
58) Fluorene	15.49	166	1289570	21.628 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	696350	21.922 ng/ul	94
60) 4-Nitroaniline	15.52	138	281100	22.334 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	166098	16.401 ng/ul	97
64) N-Nitrosodiphenylamine	15.70	169	1112704	21.226 ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	444035	22.334 ng/ul	98
66) Hexachlorobenzene	16.49	284	505759	22.372 ng/ul	96
67) Atrazine	16.66	200	410821	21.265 ng/ul	99
68) Pentachlorophenol	16.83	266	216426	16.616 ng/ul	98
69) Phenanthrene	17.23	178	2006049	21.379 ng/ul	100
71) Anthracene	17.32	178	2057102	21.388 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	624512	22.595 ng/uL	98
73) Pentachlorobenzene	14.76	250	585193	22.480 ng/uL	98
74) Carbazole	17.59	167	1779872	21.280 ng/ul	99
75) Di-n-butylphthalate	18.15	149	2181477	20.862 ng/ul	100
76) Fluoranthene	19.24	202	2362063	21.967 ng/ul	97
79) Pyrene	19.61	202	2407790	21.227 ng/ul	96
80) Butylbenzylphthalate	20.50	149	984217	21.289 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.29	252	851434	20.905 ng/ul	98
82) Benzo(a)anthracene	21.35	228	2472212	21.567 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1472338	18.884 ng/ul	100
84) Chrysene	21.40	228	2253181	21.184 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2491418	20.248 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	2461496	20.386 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	2469331	21.396 ng/ul	99
90) Benzo(a)pyrene	23.55	252	2390563	20.810 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	2910348	21.450 ng/ul	97
92) Dibenzo(a,h)anthracene	25.97	278	2448827	21.301 ng/ul	98
93) Benzo(g,h,i)perylene	26.67	276	2364227	21.478 ng/ul	95

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

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