Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061419\
Data File : BM020944.D
Acq On : 14 Jun 2019 14:57
Operator : HP/JU
Sample : SSTD16022
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16022

Quant Time: Jun 14 15:36:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 14 13:40:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1155529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	769631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1850092	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1736310	20.00	ng/ul	0.01
85) Perylene-d12	23.65	264	1567444	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	286757	55.34	ng/uL	0.00
5) Phenol-d5	6.98	99	3766717	199.31	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	2057608	181.56	ng/ul	0.01
9) 2-Chlorophenol-d4	7.34	132	3033270	201.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	3121341	205.25	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	1551792	196.75	ng/ul	0.02
22) 2-Nitrophenol-d4	9.69	143	1871830	230.55	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.22	165	3689516	217.88	ng/ul	0.02
29) 4-Chloroaniline-d4	10.74	131	3518065	172.51	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	10669822	187.42	ng/ul	0.02
46) Acenaphthylene-d8	14.14	160	12874547	178.36	ng/ul	0.01
51) 4-Nitrophenol-d4	14.68	143	2066570	211.54	ng/ul	0.04
57) Fluorene-d10	15.44	176	9316678	192.57	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	2342495	247.60	ng/ul	0.02
70) Anthracene-d10	17.29	188	14258826	176.44	ng/ul	0.01
78) Pyrene-d10	19.59	212	15482869	184.48	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.52	264	15116319	212.19	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	294858	54.180	ng/uL	95
4) Benzaldehyde	6.95	77	1609551	113.018	ng/ul	99
6) Phenol	7.01	94	3529748	181.405	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	2481458	164.373	ng/ul	100
10) 2-Chlorophenol	7.37	128	2819484	182.079	ng/ul	98
11) 2-Methylphenol	8.25	108	2751148	190.284	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	3127243	158.019	ng/ul	100
14) Acetophenone	8.64	105	4230630	180.031	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	2182773	176.447	ng/ul	98
16) 4-Methylphenol	8.59	108	2983170	188.659	ng/ul	97
17) Hexachloroethane	8.87	117	1063946	163.398	ng/ul	97
20) Nitrobenzene	9.02	77	3247825	163.567	ng/ul	100
21) Isophorone	9.55	82	6385395	174.045	ng/ul	98
23) 2-Nitrophenol	9.72	139	1772209	194.675	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	3441365	175.870	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	3746873	164.609	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	3255077	194.361	ng/ul	97
28) Naphthalene	10.65	128	8857647	163.211	ng/ul	99
30) 4-Chloroaniline	10.76	127	3261755	156.409	ng/ul	99
31) Hexachlorobutadiene	10.92	225	1997914	176.117	ng/ul	99
32) Caprolactam	11.61	113	557330	114.228	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	3322180	192.233	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	6990153	175.357	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	4261201	170.853 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	2816262	181.964 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	2926581	195.378 ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	3138696	192.933 ng/ul	99
40) 1,1'-Biphenyl	13.27	154	9173401	153.591 ng/ul	97
41) 2-Chloronaphthalene	13.32	162	7475111	162.626 ng/ul	98
42) 2-Nitroaniline	13.54	65	2137431	179.080 ng/ul	97
44) Dimethylphthalate	13.92	163	9610199	168.588 ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	2236993	209.209 ng/ul	90
47) Acenaphthylene	14.17	152	10826021	155.013 ng/ul	96
48) 3-Nitroaniline	14.37	138	1852538	180.007 ng/ul	96
49) Acenaphthene	14.51	153	7915376	162.359 ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	1505549	262.691 ng/ul	89
52) 4-Nitrophenol	14.70	109	1441660	180.004 ng/ul	97
53) Dibenzofuran	14.84	168	11396836	165.264 ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	3189163	206.308 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	2939002	215.011 ng/ul	95
56) Diethylphthalate	15.28	149	9621155	168.982 ng/ul	95
58) Fluorene	15.50	166	9313917	168.231 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	5269057	178.641 ng/ul	94
60) 4-Nitroaniline	15.56	138	2060700	176.326 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.60	198	2253247	224.217 ng/ul#	93
64) N-Nitrosodiphenylamine	15.71	169	8363768	160.782 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	3673389	186.197 ng/ul	95
66) Hexachlorobenzene	16.49	284	4118092	183.570 ng/ul	98
67) Atrazine	16.67	200	3440405	179.466 ng/ul	99
68) Pentachlorophenol	16.84	266	2597317	200.949 ng/ul	98
69) Phenanthrene	17.23	178	14437938	155.062 ng/ul	94
71) Anthracene	17.33	178	13968323	146.355 ng/ul	93
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	4311405	157.193 ng/uL	99
73) Pentachlorobenzene	14.76	250	4525910	175.209 ng/uL	98
74) Carbazole	17.60	167	13470767	162.302 ng/ul	94
75) Di-n-butylphthalate	18.15	149	13618622	131.249 ng/ul#	90
76) Fluoranthene	19.24	202	15343959	143.801 ng/ul#	89
80) Butylbenzylphthalate	20.51	149	7642301	174.946 ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.29	252	6364899	165.385 ng/ul	99
82) Benzo(a)anthracene	21.35	228	15095656	139.370 ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.27	149	10257493	139.231 ng/ul#	94
84) Chrysene	21.35	228	15095656	150.198 ng/ul	97
86) Di-n-octyl phthalate	22.17	149	13821286	148.746 ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	16809841	184.353 ng/ul	98
88) Benzo(k)fluoranthene	23.02	252	14352778	164.681 ng/ul	95
90) Benzo(a)pyrene	23.57	252	14692290	169.365 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.00	276	16670255	162.701 ng/ul	97
92) Dibenzo(a,h)anthracene	26.00	278	13954070	160.732 ng/ul	99
93) Benzo(g,h,i)perylene	26.70	276	13351820	160.624 ng/ul	98

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

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