Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021111.D
Acq On : 22 Jun 2019 21:06
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02038

Quant Time: Jun 24 00:52:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	244625	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1032864	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	623284	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1296263	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1106279	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1195486	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	38605	7.49	ng/uL	0.00
5) Phenol-d5	6.95	99	405183	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	248323	19.58	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	338984	19.59	ng/ul	-0.02
13) 4-Methylphenol-d8	8.48	113	337121	18.97	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	171676	20.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	191916	20.61	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	388021	20.50	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	409699	20.75	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	1081901	19.21	ng/ul	-0.01
46) Acenaphthylene-d8	14.11	160	1386992	20.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	155369	16.96	ng/ul	-0.01
57) Fluorene-d10	15.41	176	941462	19.22	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	145405	18.25	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1346189	19.98	ng/ul	-0.01
78) Pyrene-d10	19.55	212	1312155	19.77	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1392024	19.74	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	40238	7.719	ng/uL	97
4) Benzaldehyde	6.93	77	185033	19.062	ng/ul	98
6) Phenol	6.97	94	381956	18.965	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.21	93	301020	19.584	ng/ul	99
10) 2-Chlorophenol	7.34	128	318884	19.558	ng/ul	99
11) 2-Methylphenol	8.22	108	296041	18.998	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	382501	19.488	ng/ul	98
14) Acetophenone	8.60	105	501393	19.601	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	258199	19.394	ng/ul	98
16) 4-Methylphenol	8.54	108	321458	18.957	ng/ul	99
17) Hexachloroethane	8.84	117	132707	19.527	ng/ul	96
20) Nitrobenzene	8.98	77	372682	19.780	ng/ul	99
21) Isophorone	9.50	82	694271	19.567	ng/ul	98
23) 2-Nitrophenol	9.69	139	189144	20.205	ng/ul	98
24) 2,4-Dimethylphenol	9.74	107	378837	19.809	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	428555	19.599	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	347043	20.138	ng/ul	97
28) Naphthalene	10.61	128	1051335	19.826	ng/ul	100
30) 4-Chloroaniline	10.73	127	381025	20.518	ng/ul	99
31) Hexachlorobutadiene	10.89	225	238596	20.320	ng/ul	96
32) Caprolactam	11.52	113	82171	16.961	ng/ul	98
33) 4-Chloro-3-methylphenol	11.85	107	336128	19.131	ng/ul	98
34) 2-Methylnaphthalene	12.23	142	794208	19.532	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	464914	20.894	ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	252312	19.061	ng/ul	99
38) 2,4,6-Trichlorophenol	12.84	196	283484	20.501	ng/ul	99
39) 2,4,5-Trichlorophenol	12.91	196	303461	20.545	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	1047546	20.374	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	823344	20.269	ng/ul	100
42) 2-Nitroaniline	13.50	65	193723	19.623	ng/ul	97
44) Dimethylphthalate	13.87	163	965411	18.831	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	192318	19.655	ng/ul	94
47) Acenaphthylene	14.13	152	1181357	20.015	ng/ul	99
48) 3-Nitroaniline	14.33	138	164492	19.204	ng/ul	98
49) Acenaphthene	14.48	153	851566	19.679	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	79860	16.247	ng/ul	98
52) 4-Nitrophenol	14.63	109	114998	16.972	ng/ul	98
53) Dibenzofuran	14.82	168	1211757	19.667	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	266229	18.749	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.04	232	254240	19.739	ng/ul	98
56) Diethylphthalate	15.24	149	904509	18.287	ng/ul	99
58) Fluorene	15.46	166	963467	19.247	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	527310	19.320	ng/ul	99
60) 4-Nitroaniline	15.50	138	144239	15.842	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.55	198	146609	18.328	ng/ul	97
64) N-Nitrosodiphenylamine	15.67	169	797643	20.318	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	331065	20.827	ng/ul	99
66) Hexachlorobenzene	16.46	284	375289	20.600	ng/ul	98
67) Atrazine	16.63	200	267896	18.809	ng/ul	99
68) Pentachlorophenol	16.81	266	183882	20.129	ng/ul	98
69) Phenanthrene	17.20	178	1437994	20.059	ng/ul	99
71) Anthracene	17.30	178	1467454	20.087	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	457675	22.444	ng/uL	100
73) Pentachlorobenzene	14.73	250	455498	21.708	ng/uL	100
74) Carbazole	17.57	167	1164676	19.344	ng/ul	99
75) Di-n-butylphthalate	18.13	149	1331973	18.426	ng/ul	99
76) Fluoranthene	19.22	202	1541607	19.901	ng/ul	99
79) Pyrene	19.58	202	1555481	19.889	ng/ul	99
80) Butylbenzylphthalate	20.48	149	529142	18.277	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.26	252	476463	19.216	ng/ul	99
82) Benzo(a)anthracene	21.33	228	1472705	19.526	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	744521	18.062	ng/ul	100
84) Chrysene	21.38	228	1392989	19.721	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	1256143	18.235	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1463448	19.325	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1449999	19.903	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1416735	19.877	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	1760965	20.981	ng/ul	100
92) Dibenzo(a,h)anthracene	25.92	278	1485907	21.045	ng/ul	98
93) Benzo(g,h,i)perylene	26.61	276	1464479	21.185	ng/ul	97

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

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