Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021014.D
Acq On : 18 Jun 2019 16:31
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Jun 18 17:05:46 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	271789	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.57	136	1200732	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.43	164	793382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1859489	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1613689	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1596508	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	41590	7.27	ng/uL	0.00
5) Phenol-d5	6.95	99	472780	19.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	286700	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	385288	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	399409	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	198926	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	222815	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	462794	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	516271	22.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1464676	20.43	ng/ul	-0.01
46) Acenaphthylene-d8	14.12	160	1799309	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	235177	20.17	ng/ul	0.00
57) Fluorene-d10	15.42	176	1283046	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	216651	18.95	ng/ul	-0.01
70) Anthracene-d10	17.27	188	1963101	20.32	ng/ul	0.00
78) Pyrene-d10	19.57	212	2017432	20.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1914430	20.32	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	43014	7.427	ng/uL	98
4) Benzaldehyde	6.94	77	216961	20.117	ng/ul	98
6) Phenol	6.98	94	450929	20.152	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	346226	20.274	ng/ul	98
10) 2-Chlorophenol	7.35	128	364820	20.139	ng/ul	97
11) 2-Methylphenol	8.23	108	348554	20.132	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.31	45	447005	20.498	ng/ul	99
14) Acetophenone	8.62	105	589624	20.746	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	309457	20.921	ng/ul	98
16) 4-Methylphenol	8.56	108	387325	20.558	ng/ul	94
17) Hexachloroethane	8.86	117	151707	20.092	ng/ul	98
20) Nitrobenzene	8.99	77	447536	20.432	ng/ul	98
21) Isophorone	9.52	82	847511	20.546	ng/ul	98
23) 2-Nitrophenol	9.70	139	224913	20.667	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	454927	20.462	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	515644	20.285	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	419636	20.946	ng/ul	99
28) Naphthalene	10.63	128	1242507	20.155	ng/ul	100
30) 4-Chloroaniline	10.75	127	481788	22.317	ng/ul	100
31) Hexachlorobutadiene	10.90	225	274386	20.101	ng/ul	98
32) Caprolactam	11.53	113	116736	20.726	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	435354	21.314	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	978468	20.700	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	567686	20.043	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	303515	18.013	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	363081	20.628	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	393120	20.909	ng/ul	100
40) 1,1'-Biphenyl	13.26	154	1302975	19.909	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	1036135	20.038	ng/ul	100
42) 2-Nitroaniline	13.52	65	265113	21.097	ng/ul	99
44) Dimethylphthalate	13.89	163	1325260	20.308	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	266013	21.358	ng/ul	98
47) Acenaphthylene	14.15	152	1544182	20.553	ng/ul	99
48) 3-Nitroaniline	14.35	138	238999	21.920	ng/ul	97
49) Acenaphthene	14.49	153	1113829	20.221	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	111709	17.854	ng/ul	98
52) 4-Nitrophenol	14.65	109	176362	20.448	ng/ul	96
53) Dibenzofuran	14.83	168	1604573	20.459	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	391790	21.677	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.05	232	351411	21.434	ng/ul	96
56) Diethylphthalate	15.25	149	1312670	20.849	ng/ul	99
58) Fluorene	15.48	166	1305623	20.490	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	708631	20.397	ng/ul	98
60) 4-Nitroaniline	15.51	138	249481	21.526	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	215720	18.800	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	1126813	20.009	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	459892	20.168	ng/ul	98
66) Hexachlorobenzene	16.47	284	534971	20.470	ng/ul	99
67) Atrazine	16.64	200	419740	20.544	ng/ul	98
68) Pentachlorophenol	16.82	266	271920	20.751	ng/ul	99
69) Phenanthrene	17.22	178	2086728	20.291	ng/ul	99
71) Anthracene	17.31	178	2141117	20.431	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	564433	19.296	ng/uL	99
73) Pentachlorobenzene	14.74	250	598301	19.877	ng/uL	99
74) Carbazole	17.58	167	1782932	20.643	ng/ul	99
75) Di-n-butylphthalate	18.14	149	2148699	20.721	ng/ul	100
76) Fluoranthene	19.23	202	2368724	21.317	ng/ul	100
79) Pyrene	19.60	202	2406404	21.094	ng/ul	99
80) Butylbenzylphthalate	20.49	149	902619	21.374	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.27	252	695927	19.241	ng/ul	100
82) Benzo(a)anthracene	21.34	228	2225750	20.231	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	1266190	21.059	ng/ul	100
84) Chrysene	21.39	228	2054502	19.940	ng/ul	100
86) Di-n-octyl phthalate	22.16	149	2021861	21.978	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2095871	20.724	ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	1997973	20.536	ng/ul	99
90) Benzo(a)pyrene	23.53	252	1933199	20.310	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	2278532	20.328	ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	1917369	20.334	ng/ul	99
93) Benzo(g,h,i)perylene	26.64	276	1847108	20.009	ng/ul	98

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

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