Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025575.D
Acq On : 16 Mar 2020 12:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Mar 16 14:08:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	158220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	655870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	421217	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	938314	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1023124	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1213911	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	30586	8.11	ng/uL	0.00
5) Phenol-d5	6.82	99	255887	20.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	151567	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	216088	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	208966	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	102454	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	107582	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	223039	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	245615	19.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	669994	20.93	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	816030	21.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	126753	20.80	ng/ul	0.00
58) Fluorene-d10	15.27	176	598551	21.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	104220	18.20	ng/ul	0.00
71) Anthracene-d10	17.11	188	924309	21.09	ng/ul	0.00
79) Pyrene-d10	19.41	212	1024815	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1298623	20.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	33558	8.264	ng/uL	93
4) Benzaldehyde	6.79	77	100617	15.213	ng/ul	98
6) Phenol	6.85	94	269719	20.684	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	215098	20.830	ng/ul	96
10) 2-Chlorophenol	7.21	128	221748	20.786	ng/ul	97
11) 2-Methylphenol	8.08	108	203412	20.387	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	298668	21.676	ng/ul	97
14) Acetophenone	8.45	105	332383	21.002	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	167605	21.140	ng/ul	96
16) 4-Methylphenol	8.40	108	226720	20.815	ng/ul	98
17) Hexachloroethane	8.70	117	96763	21.817	ng/ul	92
20) Nitrobenzene	8.82	77	255894	21.547	ng/ul	97
21) Isophorone	9.35	82	465999	21.248	ng/ul	99
23) 2-Nitrophenol	9.53	139	121884	20.941	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	250955	21.263	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	294760	20.970	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	222086	21.122	ng/ul	99
28) Naphthalene	10.46	128	753186	21.086	ng/ul	100
30) 4-Chloroaniline	10.56	127	254847	20.410	ng/ul	98
31) Hexachlorobutadiene	10.76	225	145437	21.172	ng/ul	98
32) Caprolactam	11.32	113	66553	19.140	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.70	107	236874	21.671	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	536560	21.031	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	534554	21.011 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	278138	20.878 ng/ul	100
38) Hexachlorocyclopentadiene	12.44	237	181937	20.011 ng/ul	100
39) 2,4,6-Trichlorophenol	12.69	196	178467	21.072 ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	191349	20.755 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	715314	21.254 ng/ul	100
42) 2-Chloronaphthalene	13.13	162	562656	21.226 ng/ul	98
43) 2-Nitroaniline	13.34	65	144387	21.794 ng/ul	98
45) Dimethylphthalate	13.73	163	711480	21.351 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	142056	21.674 ng/ul	99
48) Acenaphthylene	13.99	152	886977	21.353 ng/ul	99
49) 3-Nitroaniline	14.17	138	110425	18.675 ng/ul	93
50) Acenaphthene	14.33	153	600156	21.254 ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	68974	17.542 ng/ul	99
53) 4-Nitrophenol	14.49	109	103882	21.804 ng/ul	93
54) Dibenzofuran	14.67	168	851122	21.247 ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	209301	21.842 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	176929	21.174 ng/ul	95
57) Diethylphthalate	15.11	149	725186	21.232 ng/ul	100
59) Fluorene	15.32	166	727798	21.599 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	363613	21.084 ng/ul	99
61) 4-Nitroaniline	15.33	138	129763	18.443 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	117512	18.770 ng/ul	95
65) N-Nitrosodiphenylamine	15.53	169	616677	21.268 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	243388	21.033 ng/ul	99
67) Hexachlorobenzene	16.33	284	287903	20.264 ng/ul	93
68) Atrazine	16.49	200	219443	20.067 ng/ul	99
69) Pentachlorophenol	16.67	266	158025	19.044 ng/ul	99
70) Phenanthrene	17.06	178	1167146	21.132 ng/ul	100
72) Anthracene	17.14	178	1199044	21.302 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	300443	20.896 ng/uL	98
74) Pentachlorobenzene	14.59	250	331323	20.701 ng/uL	97
75) Carbazole	17.42	167	1027383	20.886 ng/ul	99
76) Di-n-butylphthalate	18.00	149	1236484	21.529 ng/ul	100
77) Fluoranthene	19.07	202	1367664	21.008 ng/ul	99
80) Pyrene	19.44	202	1432372	20.845 ng/ul	100
81) Butylbenzylphthalate	20.36	149	560822	21.430 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	415528	17.874 ng/ul	99
83) Benzo(a)anthracene	21.19	228	1423718	21.107 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	881870	21.724 ng/ul	100
85) Chrysene	21.24	228	1398844	21.137 ng/ul	100
87) Di-n-octyl phthalate	22.01	149	1461618	20.094 ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	1591194	21.008 ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	1549566	20.768 ng/ul	99
91) Benzo(a)pyrene	23.29	252	1445419	20.970 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	1880205	20.655 ng/ul	100
93) Dibenzo(a,h)anthracene	25.56	278	1601707	20.779 ng/ul	99
94) Benzo(g,h,i)perylene	26.20	276	1552387	20.692 ng/ul	99

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

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